



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



1110 West Washington Street Phoenix, Arizona 85007
(602) 771-2300 www.azdeq.gov

Small MS4 Annual Report

ID #: AZSM65727

MS4 Name: CITY OF PRESCOTT MS4

Reporting Period: 01-Jul-2018 - 30-Jun-2019

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

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Annual Report Summary

Company Information

Name : CITY OF PRESCOTT
1500 SUNDOG RANCH RD
PRESCOTT
AZ , 86301

Question: During this reporting period, was additional land annexed into the regulated MS4 area?

Answer: Yes

Total Area Annexed into the MS4 Since the Last Annual Report: 159.9 acres

Were Best Management Practices (BMPs) fully implemented in the annexed area? No

All of the annexed areas were undeveloped parcels. BMPs will be designed and constructed as part of the development process which is currently underway in the form of permit review.

Question: Is stormwater sewer mapping 100 percent complete?

Answer: No

Percentage completed: 85

Provide estimated dates for the percent completion:

100% - 09/16/2021

Provide the description of the measurable goal:

New construction As-Built plans are routinely digitized by the City's GIS department as development projects come to completion.

Tablet based GIS (ESRI Collector) collection was recently acquired so that stormwater staff may conduct field verifications and modifications to the existing outfall dataset.

We are confident that we have more outfalls mapped than meet the generally vague outfall definition. Clarification from ADEQ on what an outfall is would be helpful in meeting our mapping goals.

Question: Is outfall mapping 100 percent complete?

Answer: Yes

Number of outfalls mapped: 298

Provide the description of the measurable goal:

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We've seen a slight increase in total outfalls as we have split previously singular outfalls that represented multiple culverts into multiple outfalls. An additional 36 outfalls (for a total of 334 data points) in our outfall inventory have been flagged for review to determine whether they meet the definition of a MS4 outfall. Some are private outfalls and some are outlets not outfalls (these may be linear conveyances or do not discharge to WOTUS).

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

Answer: Yes

Provide the description of the measurable goal:

Complete.

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	Inactive Date
City of Prescott Public Works Department	CHAPTER 16-5: 2007 CITY OF PRESCOTT ILLEGAL DISCHARGE AND ILLEGAL CONNECTION STORMWATER CODE	01/10/2008	

Question: Has a Construction Site Stormwater Runoff enforcement authority or other regulatory mechanism been established?

Answer: Yes

Name	Title/Code/Citation	Effective Date	Inactive Date
Prescott Public Works Department	Prescott City Code CHAPTER 16-4: 2007 CITY OF PRESCOTT CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL REGULATIONS CODE	01/10/2008	

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

Answer: Yes

Name	Title/Code/Citation	Effective Date	Inactive Date

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Prescott Public Works Department	Prescott City Code CHAPTER 16-6: 2007 CITY OF PRESCOTT POST CONSTRUCTION STORMWATER RUNOFF CODE	01/10/2008	
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Question: For each receiving water, provide a brief description of the overall effectiveness of the BMP implemented to reduce the discharge of pollutants.

Answer:

Receiving Water: North Fork Miller-HEADWATERS - MILLER CREEK

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	NFM_005	34.562734	-112.488021

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Paramaters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Granite Creek Clean Up		North Fork Miller-HEADWATERS - MILLER CREEK
Dry Weather Screening		North Fork Miller-HEADWATERS - MILLER CREEK
Implement IDDE Program		North Fork Miller-HEADWATERS - MILLER CREEK

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

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Granite Creek Clean Up: The City has partnered with Prescott Creeks to perpetuate this annual spring time clean up event. This year 534 residents removed 1.41 tons of trash from our local creeks.

Dry Weather Screening: 20% of all known outfalls are inspected after a 72 hour period of dry weather. 100% of all known and discovered outfalls will be inspected during the lifespan of the permit.

Implement IDDE Program: Stormwater staff run the IDDE program. Pollution reports from numerous sources are directed to us and we actively investigate the reports, contact the resident or business owners, and work cooperatively to eliminate the pollutant. The City has a customer service emphasis that is embodied in the IDDE program through prioritization of outreach, education and voluntary compliance.

Receiving Water: North Granite Creek-HEADWATERS GRANITE CREEK

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	NFG_002	34.556753	-112.473436

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Outfall Inventory		North Granite Creek-HEADWATERS GRANITE CREEK
Implement IDDE Program		North Granite Creek-HEADWATERS GRANITE CREEK
Dog Wste Dispensers	E COLI COLONY (CFU)	

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

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Outfall inventory: Through dry weather inspections and field work stormwater staff are identifying and mapping outfalls to area water bodies. 20% of known outfalls per water body are inspected annually so that 100% are mapped during the lifespan of the permit.

Implement IDDE Program: Stormwater staff run the IDDE program. Pollution reports from numerous sources are directed to us and we actively investigate the reports, contact the resident or business owners, and work cooperatively to eliminate the pollutant. The City has a customer service emphasis that is embodied in the IDDE program through prioritization of outreach, education and voluntary compliance.

Dog Waste Dispensers: More than one thousand dog waste dispensers were given out during the reporting period. While many are handed out at outreach events a significant number are also placed close to the creeks where dog walking is popular. If dog waste is observed we hang dispensers close to the area as dogs and their humans tend to be creatures of habit.

Receiving Water: Butte Creek-HEADWATERS TO MILLER CREEK

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	BUT_038	34.538368	-112.50094

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Dry Weather Screening		Butte Creek-HEADWATERS TO MILLER CREEK
Brochure		Butte Creek-HEADWATERS TO MILLER CREEK
Dog Wste Dispensers	E COLI COLONY (CFU)	

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Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Dry Weather Screening: 20% of all known outfalls are inspected after a 72 hour period of dry weather. 100% of all known and discovered outfalls will be inspected during the lifespan of the permit.

Brochure: A door hanger was created to serve as outreach to individual property owners and residents. This brochure identifies common pollutant sources and BMPs to reduce the potential downstream impacts.

Dog Waste Dispensers: More than one thousand dog waste dispensers were given out during the reporting period. While many are handed out at outreach events a significant number are also placed close to the creeks where dog walking is popular. If dog waste is observed we hang dispensers close to the area as dogs and their humans tend to be creatures of habit.

Receiving Water: Aspen Creek-headwaters - Granite Creek

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	ASP_017	34.531163	-112.47881

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Wet Weather Monitoring		Aspen Creek-headwaters - Granite Creek
Dry Weather Screening		Aspen Creek-headwaters - Granite Creek
Implement IDDE Program		Aspen Creek-headwaters - Granite Creek

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Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Wet Weather Monitoring: Given the impaired waters in the area this effort has been tied to the Analytical Monitoring effort. Any notable color, sheen, odor or turbidity is documented.

Dry Weather Screening: 20% of all known outfalls are inspected after a 72 hour period of dry weather. 100% of all known and discovered outfalls will be inspected during the lifespan of the permit.

Implement IDDE Program: Stormwater staff run the IDDE program. Pollution reports from numerous sources are directed to us and we actively investigate the reports, contact the resident or business owners, and work cooperatively to eliminate the pollutant. The City has a customer service emphasis that is embodied in the IDDE program through prioritization of outreach, education and voluntary compliance.

Receiving Water: Manzanita Creek-HEADWATER TO GRANITE CREEK

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	MAN_004	34.516953	-112.509795

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Outfall Inventory		Manzanita Creek-HEADWATER TO GRANITE CREEK
Dry Weather Screening		Manzanita Creek-HEADWATER TO GRANITE CREEK
Local PSAs		Manzanita Creek-HEADWATER TO GRANITE CREEK

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Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Outfall inventory: Through dry weather inspections and field work stormwater staff are identifying and mapping outfalls to area water bodies. 20% of known outfalls per water body are inspected annually so that 100% are mapped during the lifespan of the permit.

Dry Weather Screening: 20% of all known outfalls are inspected after a 72 hour period of dry weather. 100% of all known and discovered outfalls will be inspected during the lifespan of the permit.

Local PSAs: City stormwater staff have coordinated with a local radio station and the local paper to provide public service announcements on a number of topics including the Granite Creek Clean Up, Granite Creek Corridor group, lake health, and the new Miller Creek public restroom facility.

Receiving Water: Government Canyon-HEADWATERS TO GRANITE CREEK

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	GCW_003	34.543985	-112.44865

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Outfall Inventory		Government Canyon-HEADWATERS TO GRANITE CREEK

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Outfall inventory: Through dry weather inspections and field work stormwater staff are identifying and mapping outfalls to area water bodies. 20% of known outfalls per water body are inspected annually so that 100% are mapped during the lifespan of the permit.

Receiving Water: Granite Creek-HEADWATERS - YAVAPAI RESERVATION

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	GRC_014	34.539909	-112.472268

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Granite Creek Corridor Revitalization Group		Granite Creek-HEADWATERS - YAVAPAI RESERVATION
Granite Creek Clean Up		Granite Creek-HEADWATERS - YAVAPAI RESERVATION

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Granite Creek Corridor Revitalization Group: A group of concerned citizens, local business owners, and City staff came together to find solutions for improving the Granite Creek Corridor in the downtown area. The group was able to secure an Arizona Water Protection Fund grant to create a master plan for the corridor. This master plan will seek to connect people and businesses to the creek. Particular attention will be paid to ecological and hydrological function to include stormwater quality elements. Multiple public meetings were conducted to gather residents' interests and concerns.

Granite Creek Clean Up: The City has partnered with Prescott Creeks to perpetuate this annual spring time clean up event. This year 534 residents removed 1.41 tons of trash from our local creeks.

Receiving Water: Granite Creek-YAVAPAI RESERVATION - WATSON LAKE

Type : Impaired/Non-attaining

Outfall Details

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Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	GRC_031	34.570966	-112.43544

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Granite Creek Clean Up		Granite Creek-YAVAPAI RESERVATION - WATSON LAKE
Inspections of Sites		Granite Creek-YAVAPAI RESERVATION - WATSON LAKE

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Granite Creek Clean Up: The City has partnered with Prescott Creeks to perpetuate this annual spring time clean up event. This year 534 residents removed 1.41 tons of trash from our local creeks.

Inspection of Sites: Stormwater staff has identified municipal sites with and without MSGP coverage that are in close proximity to water bodies and proactively inspect them for potential stormwater contaminants. If BMPs are needed stormwater staff coordinate with that facility's management.

Receiving Water: Unnamed Trib to UGC (UUG)-HEADWATERS - UNNAMED TRIB TO GRANITE CREEK (UGC)

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	YCW_003	34.545418	-112.457068

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

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Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Green Infrastructure		Unnamed Trib to UGC (UUG)- HEADWATERS - UNNAMED TRIB TO GRANITE CREEK (UGC)
Analytical Monitoring	E COLI COLONY (CFU)	
Dog Wste Dispensers	E COLI COLONY (CFU)	

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Green Infrastructure: The City is applying green infrastructure to its capital projects such as at the Carleton & Cortez streets project. Highly visible projects like this are informing those that walk by it as well as providing valuable pollutant removal. Additional green infrastructure is currently in design. We are also recommending green infrastructure as a method of meeting the first flush treatment requirement obligated by City Code for private development. Low impact development has been a point of emphasis.

Analytical monitoring: Stormwater staff conduct analytical monitoring focusing on 12 impaired/non-attaining creeks. Each creek is monitored two times per season (summer and winter). Additional streamflow samples are taken at points of interest (jurisdictional boundaries or green infrastructure sites) to understand streamflow water quality relative to outfall sample values. This year the City engaged a consultant to look at microbial source tracking across the watershed to identify contributing sources of E. coli. City staff are also opportunistically sampling for ammonia in tributaries to Willow Lake to identify areas of focus.

Dog Waste Dispensers: More than one thousand dog waste dispensers were given out during the reporting period. While many are handed out at outreach events a significant number are also placed close to the creeks where dog walking is popular. If dog waste is observed we hang dispensers close to the area as dogs and their humans tend

Receiving Water: Unnamed Trib to Granite Creek (UGC)-HEADWATERS - GRANITE CREEK

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
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1	Outfall	VSW_012	34.542819	-112.461754
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Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Green Infrastructure		Unnamed Trib to Granite Creek (UGC)-HEADWATERS - GRANITE CREEK
Dog Wste Dispensers	E COLI COLONY (CFU)	

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Green Infrastructure: The City is applying green infrastructure to its capital projects such as at the Carleton & Cortez streets project. Highly visible projects like this are informing those that walk by it as well as providing valuable pollutant removal. Additional green infrastructure is currently in design. We are also recommending green infrastructure as a method of meeting the first flush treatment requirement obligated by City Code for private development. Low impact development has been a point of emphasis. This tributary currently has a large regional detention basin at 100% plan review status, we anticipate construction initiating in FY20.

Dog Waste Dispensers: More than one thousand dog waste dispensers were given out during the reporting period. While many are handed out at outreach events a significant number are also placed close to the creeks where dog walking is popular. If dog waste is observed we hang dispensers close to the area as dogs and their humans tend to be creatures of habit.

Receiving Water: WATSON LAKE-Near Prescott, AZ

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
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1	Outfall	WAL_012	34.584612	-112.42403
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Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

DISSOLVED OXYGEN~PH~TOTAL NITROGEN AS N 1~TOTAL PHOSPHORUS~CHLOROPHYLL A~

BMP Info

BMP	Impairments	Receiving Water
Green Infrastructure		WATSON LAKE-Near Prescott, AZ
Green Infrastructure O&M		WATSON LAKE-Near Prescott, AZ

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Green Infrastructure: The City is applying green infrastructure to its capital projects such as at the Carleton & Cortez streets project. Highly visible projects like this are informing those that walk by it as well as providing valuable pollutant removal. Additional green infrastructure is currently in design. We are also recommending green infrastructure as a method of meeting the first flush treatment requirement obligated by City Code for private development. Low impact development has been a point of emphasis. Manufactured wetlands in Watson Woods Riparian Preserve are being maintained in partnership with Prescott Creeks and additional wetlands are being proposed for future development.

Green Infrastructure O&M: Stormwater staff monitors the ongoing functionality of Green Infrastructure throughout the City and identify maintenance needs such as sediment removal, seeding and/or weed control. Most green infrastructure is inspected on a weekly basis.

Receiving Water: WILLOW CREEK RESERVOIR-A Willow Creek reservoir

Type : Impaired/Non-attaining

Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	WIL_031	34.595494	-112.431656

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Has a sampling and analysis(SAP) been developed and implemented for this receiving water?

No

Estimated Date of SAP Completion:

01-JUL-20

Impairments:

TMDL Applicable: No

Parameters :

AMMONIA NITROGEN~

BMP Info

BMP	Impairments	Receiving Water
Outfall Inventory		WILLOW CREEK RESERVOIR-A Willow Creek reservoir
Analytical Monitoring		WILLOW CREEK RESERVOIR-A Willow Creek reservoir
Implement IDDE Program		WILLOW CREEK RESERVOIR-A Willow Creek reservoir

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Outfall inventory: Through dry weather inspections and field work stormwater staff are identifying and mapping outfalls to area water bodies. 20% of known outfalls per water body are inspected annually so that 100% are mapped during the lifespan of the permit.

Analytical monitoring: Stormwater staff conduct analytical monitoring focusing on 12 impaired/non-attaining creeks. Each creek is monitored two times per season (summer and winter). Additional streamflow samples are taken at points of interest (jurisdictional boundaries or green infrastructure sites) to understand streamflow water quality relative to outfall sample values. This year the City engaged a consultant to look at microbial source tracking across the watershed to identify contributing sources of E. coli. City staff are also opportunistically sampling for ammonia in tributaries to Willow Lake to identify areas of focus.

Implement IDDE Program: Stormwater staff run the IDDE program. Pollution reports from numerous sources are directed to us and we actively investigate the reports contact the resident or business owners and work cooperatively to eliminate the pollutant. The City has a customer service emphasis that is embodied in the IDDE program through prioritizing outreach, education and voluntary compliance.

Receiving Water: Miller Creek-HEADWATER TO GRANITE CREEK

Type : Impaired/Non-attaining

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Outfall Details

Sr.No.	Outfall or Field Screening Point	Outfall Name/Number	Latitude	Longitude
1	Outfall	MIL_040	34.552418	-112.482906

Has a sampling and analysis(SAP) been developed and implemented for this receiving water? Yes

Impairments:

TMDL Applicable: Yes

Parameters :

E COLI COLONY (CFU)~

BMP Info

BMP	Impairments	Receiving Water
Green Infrastructure	E COLI COLONY (CFU)	
Dry Weather Screening		Miller Creek-HEADWATER TO GRANITE CREEK
Dog Wste Dispensers	E COLI COLONY (CFU)	

Provide a narrative of BMP effectiveness, including qualitative and quantitative indicators, in addressing pollutant discharge to this receiving water.

Green Infrastructure: The City is applying green infrastructure to its capital projects such as at the Carleton & Cortez streets project. Highly visible projects like this are informing those that walk by it as well as providing valuable pollutant removal. Additional green infrastructure is currently in design. We are also recommending green infrastructure as a method of meeting the first flush treatment requirement obligated by City Code for private development. Low impact development has been a point of emphasis. The Rodeo Bio Basin continues to function well in reducing livestock waste and sediment from discharging to Miller Creek.

Dry Weather Screening: 20% of all known outfalls are inspected after a 72 hours of dry weather. 100% of all known and discovered outfalls will be inspected during the lifespan of the permit.

Dog Waste Dispensers: More than one thousand dog waste dispensers were given out during the reporting period. While many are handed out at outreach events a significant number are also placed close to the creeks where dog walking is popular. If dog waste is observed we hang dispensers close to the area as dogs and their humans tend to be creatures of habit.

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Question: For each BMP in the Minimum Control Measure 1: Public Education and Outreach, what was completed during this reporting period?

Answer:

BMP Name: Brochure

Category: Brochures

Personnel Position/Department: Oren Thomas/Public Works

BMP Description :

Develop at least one new print document and distribute to residences and businesses as needed. Develop new, targeted print materials such as brochures or door hangers designed to bring awareness to pollutants in a neighborhood.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 09/01/2018

Targeted End Date: 06/30/2019

Targeted Audience: Residents **Frequency:** 1 One time event

Milestone Description:

September 2018 draft new print materials.
October 2018 submit materials for approval from Public Works Management prior to distribution.
To be used as neighborhood pollutants are observed in residential areas.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 09/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Door hanger developed fall 2018, approved for use December 2018.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Increase usage of door hanger for notification of pollutants observed in residential areas. Develop new industry fact sheets for distribution to local businesses. Food service and automotive industries to be targeted initially.

BMP Name: Webpage

Category: Webpage

Personnel Position/Department: Matt Killeen/Public Works

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BMP Description :

Update and expand the City’s stormwater webpage.
Track webpage visits and report in next year’s annual report.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2018

Targeted End Date: 06/30/2019

Targeted Audience: residents **Frequency:** 1 Annually

Milestone Description:

Update City of Prescott webpage to increase amount of useful information to residents and businesses on how to reduce pollution and mitigate stormwater runoff. Webpage updates may include Frequently Asked Questions, resources for stormwater quality management and news on stormwater programs at the City.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Minimal updates made to City website this year. The link to the Pollution Reporting form was moved to a more visible location for easier navigation. Training materials (pdf slideshow) for general stormwater awareness and illicit discharge identification were added during the fiscal year.

975 Page views were reported for the stormwater related web pages.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to update website as new materials are published. Upload MS4 annual reports for reporting years 2018 and 2019. Create Frequently Asked Questions page.

BMP Name: Storm Drain Markers

Category: Display/ Posters

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Install or replace "Drains to Creek" Storm Drain markers as needed and document installation. City partnership with Prescott Creeks on 2007 project (funded by ADEQ 319 grant) developed and placed "Rain Only Drains To Creek" markers for placement on storm drains. City staff have identified that new drain grates do not have markers and some original markers are damaged.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2018

Targeted End Date: 06/30/2019

Targeted Audience: residents **Frequency:** 1 Monthly

Milestone Description:

Marker placement will be focused on the downtown area due to its high visibility, close proximity to Granite Creek, and high concentration of commercial operations.

Were milestones/measurable goals achieved for this reporting period? No

ADEQ Directed No

Change:

Provide a description of the reason(s) why milestones were not met and include measures that will be implemented to get back on schedule.

Storm Drain Marker installation and replacement was a low priority BMP and task was temporarily suspended in favor of completing mandatory permit requirements and higher priority BMPs. This BMP will be renewed in the next reporting cycle.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Marker placement will be focused on the downtown area due to its high visibility, close proximity to Granite Creek, and high concentration of commercial operations.

BMP Name: Dog Wste Dispensers

Category: Display/ Posters

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Distribute and track distribution of dog waste dispensers at all events and at other sites as identified by staff

Provide dog waste dispensers to event participants: this allows us to educate participants about the impact of feces on water quality and the importance of properly disposing of pet waste.

In addition to distributing dog waste dispensers also provide temporary signage to popular dog walking areas where waste accumulation is a regular occurrence.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Targeted Audience: Pet owners **Frequency:** 1 Daily

Milestone Description:

Number of dog waste dispensers handed out. Number of Temporary Sign requests and resolutions.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Over one thousand dog waste dispensers distributed to the general public. Distribution of dispensers was accompanied by conversations about E. coli impairment problems and solutions throughout the watershed.

Temporary signage provided to 3 interested community members, along with dispensers to distribute to neighbors. These temporary signs were also used at outreach events as a conversation starter/visual prop.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Distribute and track distribution of dog waste dispensers at all events and at other sites as identified by staff. Provide dog waste dispensers to event participants: this allows us to educate participants about the impact of feces on water quality and the importance of properly disposing of pet waste. In addition to distributing dog waste dispensers also provide temporary signage to popular dog walking areas where waste accumulation is a regular occurrence.

Add signage to all recreation trailhead bag dispensers to emphasize the need for proper waste disposal.

Outreach to Homeowners Associations will also include education on waste disposal.

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BMP Name: School event

Category: School Event

Personnel Position/Department: Oren Thomas/Public Works

BMP Description :

Present at schools: Prescott college, Yavapai College, Embry Riddle, etc.

Develop presentation for classes that raises awareness of water quality issues and encourages participation.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 10/01/2018

Targeted End Date: 06/30/2019

Targeted Audience: students **Frequency:** 1 One time event

Milestone Description:

October and November 2018 begin contacting schools and instructors directly to schedule presentations. Presentations to occur as course schedules permit.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 04/12/2019

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Provided classroom presentation and field visit to Green Infrastructure sites within the MS4 to Prescott College class. Discussed urban water quality issues and solutions in the Upper Granite Creek Watershed.

Presented as member of panel on regional environmental issues at Arizona Serve event.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to pursue outreach opportunities with local students and schools. Target two groups, either classes or student-aged groups like Scouts, 4H, etc.

BMP Name: Special Events

Category: Special Event

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

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Participate in five or more events with MS4 stormwater outreach materials.

Participate in special events hosted by various local organizations. These special events provide opportunities to educate the general public and special interest groups on the importance of stormwater quality management.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Targeted Audience: Prescott residents **Frequency:** 5 One time event

Milestone Description:

- Citizens Water Advocacy Group April presentation on Watson Lake and pollution reduction.
- Earth Day help organize and staff City's table at Earth Day event in downtown Prescott (April)
- HNC plant sale help organize and staff City's table at plant sale event (typically May)
- YCCA home & garden show: help organize and staff City's table at show May18-20.
- Drop by Drop series: Monthly presence and materials at the event. Coordinate with water resources staff to present surface water quality topics.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Citizens Academy Presentation – approximately 40 attendees.
KYCA Radio Program presentation on pollution in Prescott's lakes – no metrics available.
CWAG presentation completed - 30 in person, 315 via CWAG website video stats.
Earth Day event completed - no metrics available.
Granite Creek Cleanup - 534 participants per Prescott Creeks.
Highland Center for Natural History Native Plant Sale - 2 days, 320 attendees on Saturday.
YCCA Home & Garden show attended - 2 days, no metrics available, thousands attended but our shared booth visits were not tabulated.
Drop by Drop presentations (1 specifically watershed-focused) – 406 attendees for FY19. Additional social media (website and Facebook metrics available).

Over 1000 dog waste dispensers at the aforementioned events and strategically throughout the City.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

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We will be attending a similar number of events as we did in FY19. Some substitutions may be made to try and reach different demographics. For example Embry Riddle Aeronautical University hosts a Science and Technology Festival in the spring that may engage a younger demographic than other events.

We will also be reaching out to Homeowner Associations in the area to discuss pet waste and other residential best management practices.

The City will be hosting multiple public meetings regarding changes in the water and sewer policy. Stormwater staff will attend to talk about the connection between septic systems and our pollutants of concern (E. coli and nutrients).

BMP Name: Local PSAs

Category: Local PSAs

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

- Utilize 2 media platforms to diversify sources of pollution prevention and reporting information
- KYCA radio interview September 4th.
- Utilize City's Facebook and Twitter social media accounts.
- Explore opportunities with local newspaper, The Daily Courier

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Targeted Audience: Prescott residents **Frequency:** 1 Two times per year

Milestone Description:

- KYCA Radio interview September 4th, 2018
- Winter 2018 social media account messaging.
- Spring 2019 Newspaper article around Earth Day.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 09/04/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

KYCA radio interview completed, discussing water quality component of lake management.

Daily Courier articles on Miller Creek Public Restroom project and Granite Creek Greenways Revitalization Project.

Social media target was not met.

Presentation to the Citizens Water Advocay Group resulted in 315 video web views. Talk focused on water quality BMPs for lakes and creeks.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Diversify outreach across multiple platforms. Specifically the City website, social media accounts, and the newspaper. Track viewership if possible.

Question: Minimum Control Measure 1: Public Education and Outreach, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure1.

The BMPs identified above have been developed to educate the general public on surface water quality issues in Prescott. Outreach efforts focus on primary pollutants of concern in the watershed, including those causing impairments on waterbodies within the City's jurisdiction as well as common pollutants seen through town.

Question: For each BMP in the Minimum Control Measure 2: Public Involvement and Participation, what was completed during this reporting period?

Answer:

BMP Name: SWMP Availability

Category: Public Involvement

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

The City's Stormwater Management Plan will be made available to interested parties either in person at Public Works department or online, through the City's Webpage.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

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Frequency: 1 Daily

Milestone Description:

SWMP available continually online. At end of reporting year get a web page count to indicate how many folks have looked at it.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

218 page views for the City's AZPDES page, this page contains the link to the SWMP.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

SWMP available continually online. At end of reporting year get a web page count to indicate how many folks have looked at it.

BMP Name: Creek clean up

Category: Public Participation

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Clean up day on granite creek.

Coordinate with City Manager's Office and Parks and Recreation Department to host a clean-up event downtown on Granite Creek.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 08/01/2018

Targeted End Date: 10/01/2018

Frequency: 1 One time event

Milestone Description:

Conduct a creek cleanup in the downtown area to bring awareness and create a connection to Prescott's surface waters.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 12/19/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Approximately 324 invasive trees (Siberian Elms and Tree of Heaven) removed from Granite Creek by two volunteer landscaping companies. This event was a first step in an effort directed by the results of a Natural Channel Design Granite Creek Corridor Assessment that looked at ecological, hydrological (including water quality), and flooding implications of the existing corridor.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: Yes

Milestone Description:

BMP Name: ECC Training

Category: Public Involvement

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

The City will research the feasibility of hosting a training for the ADOT Erosion Control Coordinator certification. Number of participants (municipal and private sector employees) will be logged. If determined to be possible within budgeting and scheduling constraints, the City will host an ECC training. City stormwater staff would extend the professional development opportunity other City personnel that may be in a position to identify erosion and sediment control issues at construction sites. This training would also be available to the public and the City would invite local contractors to participate in an effort to improve awareness of sediment pollution issues in the industry.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 One time event

Milestone Description:

Fall: Identify trainers, logistics, costs and scheduling.

Spring: Host training.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 06/25/2019

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

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Hosting the Erosion Control Coordinator (ECC) course was determined to be infeasible this reporting year as the course was already offered at the ADOT office in Prescott Valley. There was not sufficient demand to meet the minimum attendance requirements.

City of Prescott Stormwater Specialist and a Public Works Inspector completed ECC training in the June 2019 Prescott Valley offering.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Coordinate with Community Development inspection staff and Public Works inspection staff to determine if hosting a class would be feasible. Lacking sufficient demand, work with inspection supervisors to increase number of certified inspectors.

Environmental Coordinator to re-certify during FY2020 reporting period.

Additional Public Works Inspectors to be trained with a goal of having all inspectors certified.

BMP Name: Web Reporting

Category: Public Participation

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Record increased number of submissions to COP pollution reporting form. Plug pollution reporting form via traditional and/or social media and radio interview. Aim to increase submissions to forms through enhancing public awareness of pollution and advertising availability of reporting form.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Monthly

Milestone Description:

Record increased number of submissions to City of Prescott's pollution reporting form (<https://prescott.seamlessdocs.com/f/jne0gewbgs7d>)

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

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Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

A web link to reporting form can be found on stormwater personnel business cards and advertised at all outreach events as well as individual conversations with citizens, especially during Illicit Discharge investigations.

Only four submissions were reported in the fiscal year. Several reports were placed with Code Compliance or the City Manager's office and referred to Stormwater staff.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Record increased number of submissions to City of Prescott's pollution reporting form (<https://prescott.seamlessdocs.com/f/jne0gewbgs7d>)

BMP Name: Watershed Improvement Council (WIC)

Category: Public Participation

Personnel Position/Department: Matt Killeen

BMP Description :

Reconvene WIC to enhance collaboration between government, private sector, independent sector, and individual stakeholders.

Survey WIC members to identify stakeholder needs and develop direction for collaborative efforts.

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:

Measuring the performance of the WIC will depend on collective goals set by the Council.

26 July 2018 WIC meeting held at City of Prescott Public Works Department.

Fall 2018 distribute survey to WIC members, schedule future meeting informed by survey results.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/26/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

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The WIC meeting was a timely gathering of many local stakeholders. Attendees included representatives from the City of Prescott, Yavapai County, Yavapai-Prescott Indian Tribe, ADEQ, the Citizen's Water Advocacy Group, Prescott Creeks, Prescott College, and a local landscaping company.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The Watershed Improvement Council remains the most significant agent of change in both the Granite Creek Watershed and Watson Lake TMDLs. As such the City will reconvene the group again to maintain the open channels of communication. Inclusion of private industry will also happen in an effort to represent the private/public connection relative to stormwater quality. Based on the discussions at that meeting, the City will pursue a collaborative project.

BMP Name: Granite Creek Corridor Revitalization Group

Category: Public Involvement

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Attend the Granite Creek Corridor Revitalization committee that seeks to restore ecological and aesthetic function to Granite Creek while connecting businesses and residents to our surface waters.

Work with businesses to take part in local creek stewardship programs. In FY 2019 we will focus on businesses near the Granite Creek corridor, which has a high visibility to the public and is an area of high pollutant loading.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Monthly

Milestone Description:

Monthly: meetings and coordination.

October: Creek clean-up

Master Planning effort (AZ Water Protection Fund grant) as scheduled beginning Spring/Summer 2019.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

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Multiple public meetings and an online survey are informing the Granite Creek Corridor master plan development, expected to be published in the Fall of 2019. A summary of those meetings is available.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The Granite Creek Corridor Master Plan is anticipated to be completed in the Fall of 2019. The City will pursue grant and internal funding options to address the desired improvements. Water quality outreach, improved ecological function, and stormwater treatment are anticipated to be among those improvements.

BMP Name: Granite Creek Clean Up

Category: Public Participation

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Coordinate with Prescott Creeks to gather volunteers to clean up creeks throughout watershed.

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:

November 2018 begin coordination with Prescott Creeks
20 April 2019 Granite Creek Clean Up
Document volunteers that participate in event.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 04/20/2019

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

534 community members participated in the Granite Creek Cleanup, removing 1.4 tons of trash and 20 tires. Volunteers also improved wetland habitat at the Whipple Basin green infrastructure site through trash and invasive species removal.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

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November 2019 begin coordination with Prescott Creeks. April 2020 Granite Creek Clean Up. The City will document the volunteers that participate in event and the volume or weight of trash removed.

Question: For Minimum Control Measure 2: Public Involvement and Participation, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure2.

The City of Prescott invites public participation in multiple components of its stormwater program. We are constantly striving to engage citizens in our efforts to reduce the pollution entering our waterways. Through public events and one-on-one citizen interaction in day-to-day operations, the City provides ample opportunity for community feedback, pollution reporting, and citizen stewardship of our environment. We believe in encouraging a well-informed citizenry to take actions that support protection and enhancement of our natural resources.

Question: For each BMP in the Minimum Control Measure 3: Illicit Discharge Detection and Elimination Program, what was completed during this reporting period?

Answer:

BMP Name: Implement IDDE Program

Category: Implement IDDE Program

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Create and perpetuate a system to identify, investigate and resolve illicit discharges in Prescott.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Daily

Milestone Description:

Document Illicit Discharges that are reported or found to exist as they arise.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Please see IDDE log for details on illicit discharge cases.

Provide a summary of activities planned for next reporting period

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BMP does not apply for next reporting period: No

Milestone Description:

Continue to identify, investigate and resolve illicit discharges in Prescott.

BMP Name: Written IDDE Procedures

Category: Written IDDE Procedures

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Written IDDE procedures are in Prescott City Code Chapter 16-5 as well as the City's Stormwater Management Plan.

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:

Written Procedures are in place. Update if and as necessary.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Written procedures are in place. No updates this reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Written Procedures are in place. Stormwater staff will consult our legal department to see if changes are merited.

BMP Name: Wet Weather Monitoring

Category: Wet Weather Monitoring

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Analytical monitoring for impaired waters done concurrently. See that BMP for details.

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 Monthly

Milestone Description:

Conduct analytical monitoring for each impaired water body.

2 times per impaired creek

Pair outfall inventory with dry weather screenings to maximize efficiency.

Update as WOTUS definitions become clear, or at least updated. Remove private outfalls and linear conveyances from database.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

As noted in the myDEQ NOI wet weather monitoring was tied to our analytical monitoring. Over 30 Visual Wet Weather monitoring events took place. Additionally, photodocumentation of sample bottles (clarity) and outfalls was recorded for every analytical monitoring event, approximately 100 in total.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to pair the visual monitoring with analytical monitoring for each impaired water body, 2 times per impaired creek per wet season. Pair outfall inventory with dry weather screenings to maximize efficiency. Update as WOTUS definitions become clear, or at least updated. Remove private outfalls and linear conveyances from database.

BMP Name: Dry Weather Screening

Category: Dry Weather Screening

Personnel Position/Department: Oren Thomas/Public Works

BMP Description :

Dry weather screening to occur for 20% of known outfalls.

Transition from paper to tablet based field monitoring.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

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Frequency: 12 Monthly

Milestone Description:

Randomly select 20% of outfalls for each water body that have not been screened in the previous two years. This will result in 100% of outfalls screened in the life of the permit.

Random outfall selection in July 2018.

Evenly distribute screenings between summer and winter monitoring seasons.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 10/22/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Dry weather screenings completed for 70 of 333 (21%) outfalls.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Randomly select 20% of outfalls for each water body that have not been screened in the previous two years. This will result in 100% of outfalls screened in the life of the permit. Random outfall selection in July 2019. Evenly distribute screenings between summer and winter monitoring seasons.

BMP Name: Outfall Inventory

Category: Outfall review & mapping

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Review outfall inventory to identify data gaps, linear conveyances and those outfalls that are either private outfalls or outlets.

Pair outfall inventory with dry weather screenings to maximize efficiency.

Update as WOTUS definitions become clear, or at least updated. Remove private outfalls and linear conveyances from database.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 12 Monthly

Milestone Description:

Throughout the year with additional focus during dry periods.

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Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Please see outfall mapping section at beginning of report.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Review outfall inventory to identify data gaps, linear conveyances and those outfalls that are either private outfalls or outlets. Pair outfall inventory with dry weather screenings to maximize efficiency. Update as WOTUS definitions become clear, or at least updated. Remove private outfalls and linear conveyances from database.

BMP Name: Expand Public Awareness and Participation

Category: Expand Public Awareness and Participation

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Advertise pollution reporting form and encourage residents to bring pollution concerns to City's attention

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:

Advertise pollution reporting form and encourage residents to bring pollution concerns to City's attention. Newspaper, radio, and social media promotion. Radio interview on KYCA September 2018. Newspaper article and social media promotion simultaneously to compare effective reach, Winter 2018/2019.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

KYCA radio interview completed, discussing water quality component of lake management. Daily Courier articles on Miller Creek Public Restroom project and Granite Creek Greenways Revitalization Project. Social media target not met.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue outreach to expand awareness of pollution concerns and increase use of pollution reporting form. Publicize the pollution reporting form on Facebook to determine if that's a beneficial method of increasing knowledge and reporting.

BMP Name: Stormwater Sewer Mapping

Category: Stormwater Sewer Mapping

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Develop data dictionary for survey grade Trimble GPS unit then train staff on its use. Prioritize downtown storm drain infrastructure initially and expand 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:

GPS training followed by field mapping.

Training in fall of 2018. Mapping the remainder of FY2018. Initial focus on Granite Creek, MS4 boundary to tribal lands.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 04/01/2019

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Stormdrain mapping ongoing. Data dictionary developed for outfall mapping. Updates to existing outfall GIS data ongoing. New outfalls have been added as identified during field work. Additionally, outfalls existing in the GIS are being reviewed for to confirm status as regulatory outfalls or remove from the system on a case-by-case basis.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

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Milestone Description:

Continue mapping stormdrains as needed to update and enhance storm sewer map. Utilize ESRI Collector application to update outfall map layer using mobile technology (tablets). Tablet based monitoring allows for on the fly edits and additions to outfall inventory when performing other inspections such as dry weather screenings.

BMP Name: Analytical Monitoring

Category: Analytical Monitoring

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Conduct analytical monitoring for each impaired water body, 2 times per impaired creek.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 12 Monthly

Milestone Description:

Prioritize based on suspected pollutants and green infrastructure installation or to support installation of additional green infrastructure.

When there is sufficient rain or snowmelt

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Analytical monitoring completed for all impaired streams as weather permitted. 100 samples were logged for the reporting year. Both required outfall monitoring and streamflow monitoring for E. coli impaired creeks. Ammonia monitoring has been conducted on a limited basis for those tributaries to Willow Creek Reservoir. In addition to those efforts the City had a consultant conduct microbial source tracking throughout the upper Granite Creek Reservoir in an effort to better understand the origins and relative loadings of E. coli in our creeks.

The City also created capacity to conduct the E. coli Colilert analysis in our ADHS certified water lab, located at the Sundog Wastewater treatment facility. This time and money saving move allows us to increase the scope of our analysis.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

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Milestone Description:

Conduct analytical monitoring for each impaired water body, 2 times per impaired creek per season (warm and cool). Conduct analytical monitoring for streamflow to document water quality near green infrastructure and near jurisdictional boundaries (US Forest Service, County, ADOT, etc.).

BMP Name: Training

Category: Staff Training

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Train new stormwater specialist in monitoring procedures.
Train City staff in general stormwater awareness and illicit discharge detection.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 6 One time event

Milestone Description:

Upon hire train new staff (July 2018).
Prioritize Recreation, Streets and Solid Waste staff October 2018 through April 2019.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/16/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.
Stormwater Specialist trained July and August of 2018. Stormwater Specialist also trained by the City's lab technician to run the Colilert test method for quantitative assessment of E. coli.

General Stormwater Awareness (IDDE) and Good Housekeeping trainings completed for Public Works Inspectors, Streets, Solid Waste, Fleet Services, and Airport Staff. Recreation staff not trained this reporting period, to be prioritized FY2020.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Prioritize general stormwater awareness and IDDE training for Recreation staff, Community Development Department, Public Works Capital Projects Managers and volunteer park rangers.

Question: For Minimum Control Measure 3: Illicit Discharge Detection and Elimination Program, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure3.

The BMPs listed above demonstrate compliance with MS4 permit subsections 6.4.3-8. Current City policy prioritizes voluntary compliance efforts for illicit discharge cases . Typically voluntary compliance efforts are successful and illicit discharge cases can be resolved without resorting to enforcement action. Additional enforcement action may be taken when violators are not responsive to outreach or are aware of their violation but refuse to take action. Absentee property owners are sent notices of violation. Illicit discharges resulting from construction activity are handled through Public Works and Building Safety Inspectors, with stormwater staff providing support on an as-needed basis. Construction activity that takes place without a City permit will result in issuance of a Stop Work order and the operator will be required to install temporary erosion and sediment controls until a permit is issued. The City requires all permitted land disturbing construction activities to have an Erosion and Sediment Control plan as well as CGP coverage if eligible.

Question: Were staff trained in IDDE Awareness and Response?

Answer:

Yes

Sr.No.	Date of Training Event	Training Subject	Number of Employees Trained	Frequency of Training
1	07/01/2018	Airport Operations General Awareness and Good Housekeeping / MSGP	6	Annually
2	12/06/2018	PW Inspectors Erosion and Sediment Controls Inspections and General Awareness	8	Annually
3	01/08/2019	Streets Maintenance General Awareness and Good Housekeeping	21	Annually
4	01/17/2019	Solid Waste General Awareness and Good Housekeeping	24	Annually
5	05/23/2019	PW Inspectors Erosion and Sediment Controls Inspections and General Awareness	12	Annually

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Question: Minimum Control Measure 1: Illicit Discharge Detection and Elimination Program, Provide the details of the Illicit Discharge Detection and Elimination (IDDE) incidents that occurred during this reporting period.

Answer:

Number of IDDE incidents reported in this reporting period: 59

Number of IDDE incidents responded to in this reporting period: 59

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	8	8	0
2	NOC	2	2	0
3	Stop Work	0	0	0
4	Admin Order	0	0	0
5	Admin Fines	0	0	0
6	Civil Penalties	0	0	0
7	Criminal Action	0	0	0
	Total	10	10	0

Question: Were there any unpermitted discharges to the MS4?

Answer: Yes

List the Facilities that May Have Had an Unpermitted Discharge to the MS4.

Facility Name : Autumn Dr.	Type of Activity:Solid waste collection
SIC Code :	AZPDES Permit:
Date of Discovery : 08/15/2018	Method of Discovery:Streets Division
Estimated Duration: 2 Days	Estimated Volume: 1

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Description of Discharge: Hydraulic oil spill. Standard spill cleanup procedure followed, Environmental personnel observed for a few days following, documented limited sheen in stormwater discharge.	Date of Elimination: 08/17/2018
On-Going Discharge Not Eliminated: N	

Facility Name : SR89 at Rosser St.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/16/2018	Method of Discovery:Streets Division
Estimated Duration: 1 Days	Estimated Volume: 5
Description of Discharge: Bucket of form oil found in gutter, source unknown. Streets Maintenance cleaned up using standard spill cleanup procedure.	Date of Elimination: 08/16/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 2200 N. SR89	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 01/03/2019	Method of Discovery:Public Works
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Report of sediment dumped on slope. No sediment discharged into drainage system.	Date of Elimination: 01/04/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 416 Joseph St.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 03/03/2019	Method of Discovery:Wastewater Division

Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Broken residential sewer service line.	Date of Elimination: 03/04/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 515 W. Hillside Ave.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 01/23/2019	Method of Discovery:Wastewater Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: SSO, standard cleanup procedure followed.	Date of Elimination: 01/23/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 1950 Estrella Rd.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 01/30/2019	Method of Discovery:Online Report
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Report of suspected leakage from septic tank. No discharge confirmed.	Date of Elimination: 01/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 103 Gurley Pl.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 03/19/2019	Method of Discovery:Wastewater Division
Estimated Duration: 2 Days	Estimated Volume: 1

Description of Discharge: Sewage discharged from residential cleanout.	Date of Elimination: 03/21/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 515 Copper Basin Rd.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 03/27/2019	Method of Discovery:Wastewater Division
Estimated Duration: 5 Days	Estimated Volume: 1
Description of Discharge: Suspected potable water.	Date of Elimination: 04/01/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 4855 Hornet Dr.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 03/28/2019	Method of Discovery:Citizen Complaint
Estimated Duration: 4 Days	Estimated Volume: 1
Description of Discharge: Broken residential sewer service line.	Date of Elimination: 04/01/2019
On-Going Discharge Not Eliminated: N	

Facility Name : Hillside Ave. & 5th St.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 04/01/2019	Method of Discovery:Citizen Complaint
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: No discharge confirmed.	Date of Elimination: 04/01/2019

On-Going Discharge Not Eliminated: N	
Facility Name : 711 6th. St.	Type of Activity:Equipment Storage
SIC Code :	AZPDES Permit:
Date of Discovery : 05/15/2019	Method of Discovery:Public Works
Estimated Duration: 29 Days	Estimated Volume: 1
Description of Discharge: Sediment washing off of dirt lot. Voluntary compliance achieved.	Date of Elimination: 06/13/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 703 6th St.	Type of Activity:Unconfirmed
SIC Code :	AZPDES Permit:
Date of Discovery : 05/22/2019	Method of Discovery:Environmental Personnel
Estimated Duration: 128 Days	Estimated Volume: 1
Description of Discharge: Under investigation. Valley gutter frequently wet during dry weather.	Date of Elimination: null
On-Going Discharge Not Eliminated: Y	

Facility Name : CSAL INC	Type of Activity:ASSAY LAB FOR MINING
SIC Code : NONMETALLIC MINERALS SERVICES	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: .1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : ARIZONA SHUTTLE	Type of Activity:PROVIDE GROUND TRANSPORTATION SHUTTLE SERVICE TO PASSENGER AND THEIR LUGGAGE BETWEEN PRESCOTT AND PHOENIX SKY HARBOR AIRPORT
SIC Code : LOCAL AND SUBURBAN TRANSIT	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: unpermitted no discharge	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : NORTHLAND PRODUCTS INC.	Type of Activity:326000 - Plastics and Rubber Products Manufacturing
SIC Code : MANUFACTURING INDUSTRIES, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge no permit	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 460 Palmer PI E E	Type of Activity:Construction
SIC Code :	AZPDES Permit:
Date of Discovery : 07/16/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 115 Hours	Estimated Volume: 1
Description of Discharge: Sediment	Date of Elimination: 11/08/2018
On-Going Discharge Not Eliminated: N	

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Facility Name : Pinion Shadow Dr.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/22/2018	Method of Discovery:Citizen Complaint
Estimated Duration: 9 Days	Estimated Volume: 1
Description of Discharge: Sediment washed off private property.	Date of Elimination: 08/31/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 2810 Frisco Peaks	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/28/2018	Method of Discovery:Citizen Complaint
Estimated Duration: 17 Days	Estimated Volume: 1
Description of Discharge: Gray water discharge from washing machine.	Date of Elimination: 09/14/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 124 N. Virginia St.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/22/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 7 Days	Estimated Volume: 1
Description of Discharge: Sediment washed of private property. Letter sent to property owner.	Date of Elimination: 08/29/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 109 N MCCORMICK ST	Type of Activity:None
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SIC Code :	AZPDES Permit:
Date of Discovery : 08/21/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 22 Days	Estimated Volume: 1
Description of Discharge: Dumpster leakage. Replaced drain plug on City-owned dumpster.	Date of Elimination: 09/12/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 321 W. Gurley St.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/30/2018	Method of Discovery:Envrionmental Personnel
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Suspected dumpster leakage. No discharge confirmed.	Date of Elimination: 08/30/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 685 Copper Basin	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 10/30/2018	Method of Discovery:Wastewater Division
Estimated Duration: 15 Days	Estimated Volume: 1
Description of Discharge: Sewage discharging from residential cleanout. Discharge eliminated after NOV issuance.	Date of Elimination: 11/14/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 318 Whitespar Rd.	Type of Activity:Commercial
SIC Code :	AZPDES Permit:

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Date of Discovery : 04/12/2019	Method of Discovery:Wastewater Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Sewage discharged from commercial sewer cleanout.	Date of Elimination: 04/12/2019
On-Going Discharge Not Eliminated: N	

Facility Name : Capital Canyon Liftstation	Type of Activity:Wastewater Collection
SIC Code :	AZPDES Permit:
Date of Discovery : 04/09/2019	Method of Discovery:Citizen Complaint
Estimated Duration: 9 Days	Estimated Volume: 1
Description of Discharge: Discharge of sewage from equipment failure at privately maintained liftstation. Facility manager sanitized.	Date of Elimination: 04/18/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 2930 Pleasant Valley Dr.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 04/23/2019	Method of Discovery:Water Division
Estimated Duration: 14 Days	Estimated Volume: 1
Description of Discharge: Gray water discharged into City street. Discharge eliminated after letter sent.	Date of Elimination: 05/07/2019
On-Going Discharge Not Eliminated: N	

Facility Name : PRESCOTT TRANSIT	Type of Activity:PASSENGER AND FREIGHT TRANSPORTATION SERVICES
SIC Code : LOCAL AND SUBURBAN TRANSIT	AZPDES Permit:

Date of Discovery : 06/30/2019	Method of Discovery:database serch
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 708 1st St.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/28/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 66 Days	Estimated Volume: 1
Description of Discharge: No confirmed pollutants discharged. Potable water suspected.	Date of Elimination: 11/02/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 321 S. Montezuma St.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 12/28/2018	Method of Discovery:Wastewater Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: SSO, standard cleanup procedure followed.	Date of Elimination: 12/28/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 201 N. Cortez St.	Type of Activity:Food Service
SIC Code :	AZPDES Permit:
Date of Discovery : 12/26/2018	Method of Discovery:Environmental Personnel

Estimated Duration: 118 Days	Estimated Volume: 1
Description of Discharge: Grease stains on sidewalk and gutter.	Date of Elimination: 04/23/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 3291 Pamela St.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 01/02/2019	Method of Discovery:Public Works
Estimated Duration: 2 Days	Estimated Volume: 1
Description of Discharge: Sewage discharging from residential cleanout.	Date of Elimination: 01/04/2019
On-Going Discharge Not Eliminated: N	

Facility Name : GRANITE MOUNTAIN MATERIALS	Type of Activity:MINING, SCREENING AND HAULING OF MINED MATERIALS (I.E. ROCK & EARTH)
SIC Code : CRUSHED AND BROKEN STONE, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: .1 Hours	Estimated Volume: 1
Description of Discharge: No discharge, Unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : HANSON AGGREGATES LLC	Type of Activity:MINING, READY-MIX CONCRETE
SIC Code : CONSTRUCTION SAND AND GRAVEL	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search

Estimated Duration: .1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : JOHN N RAHN	Type of Activity:SMALL SAWMILL, RETAIL LUMBER SALES
SIC Code : SAWMILLS AND PLANING MILLS, GENERAL	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : ARIZONA WOODWORKS	Type of Activity:BUILDING FURNITURE
SIC Code : WOOD PRODUCTS, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : ABRASSIVE EXPRESS	Type of Activity:MANUFACTURER OF INDUSTRIAL GRADE ABRASIVES
SIC Code : ABRASIVE PRODUCTS	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1

Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : PARRTEN PRODUCTS, INC	Type of Activity:MACHINE SHOP
SIC Code : PRIMARY METAL PRODUCTS, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : PURE WAFER, INC.	Type of Activity:SILICON WAFER RECLAIM
SIC Code : ELECTRONIC COMPONENTS, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : STELMACH AUTO	Type of Activity:MANUFACTURE PARTS/AUTO WELDING
SIC Code : MOTOR VEHICLES AND CAR BODIES	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database serch
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: unpermitted	Date of Elimination: 06/30/2019

On-Going Discharge Not Eliminated: N	
Facility Name : PACIFIC WEST FOAM INDUSTRY	Type of Activity:MANUFACTURER OF FOAM FILTERS
SIC Code : MANUFACTURING INDUSTRIES, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : LRK MECHANICAL, LLC	Type of Activity:CUSTOM FIREARM MFG
SIC Code : SMALL ARMS AMMUNITION	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 1898 N State Rt 89	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/10/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 234 Days	Estimated Volume: 1
Description of Discharge: Sediment	Date of Elimination: 04/11/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 2118 Colter Bay Ct	Type of Activity:Clearing/grubbing
SIC Code :	AZPDES Permit:
Date of Discovery : 08/10/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 19 Days	Estimated Volume: 1
Description of Discharge: Sediment	Date of Elimination: 08/29/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 699 Golden Oak Circle	Type of Activity:none
SIC Code :	AZPDES Permit:
Date of Discovery : 08/02/2018	Method of Discovery:Citizen Complaint
Estimated Duration: 41 Days	Estimated Volume: 1
Description of Discharge: Sediment	Date of Elimination: 09/12/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 2193+2195 Le Loup Drive	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/09/2018	Method of Discovery:Citizen Complaint
Estimated Duration: 11 Days	Estimated Volume: 1
Description of Discharge: Sediment	Date of Elimination: 08/20/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 235 W. Gurley St.	Type of Activity:None
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SIC Code :	AZPDES Permit:
Date of Discovery : 09/12/2018	Method of Discovery: Citizen Complaint
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Citizen complained of sewage leak, no discharge confirmed.	Date of Elimination: 09/12/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 1310 Iron Springs Rd	Type of Activity: None
SIC Code :	AZPDES Permit:
Date of Discovery : 07/01/2018	Method of Discovery: Dry-weather Outfall Screening
Estimated Duration: 525 Days	Estimated Volume: 1
Description of Discharge: Discharge from car wash suspected to include mix of products. Voluntary compliance effort underway with business owner. Initial suspect dry weather screening occurred 4/20/18, system would not take date before 7/1/18.	Date of Elimination: null
On-Going Discharge Not Eliminated: Y	

Facility Name : 605 Maple St.	Type of Activity: None
SIC Code :	AZPDES Permit:
Date of Discovery : 12/13/2018	Method of Discovery: Wastewater Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Sewage discharging from residential cleanout.	Date of Elimination: 12/14/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 615 S. Montezuma St.	Type of Activity: None
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SIC Code :	AZPDES Permit:
Date of Discovery : 12/14/2018	Method of Discovery:Wastewater Division
Estimated Duration: 12 Days	Estimated Volume: 1
Description of Discharge: Sewage discharging from residential cleanout.	Date of Elimination: 12/26/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 727 1st St.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 12/18/2018	Method of Discovery:Wastewater Division
Estimated Duration: 2 Days	Estimated Volume: 1
Description of Discharge: SSO. Standard cleanup procedure followed.	Date of Elimination: 12/20/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 1720 Sherwood Dr.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 12/27/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: One-time sewage discharge from residential cleanout.	Date of Elimination: 12/28/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 148 N. Montezuma St.	Type of Activity:Food Service
SIC Code :	AZPDES Permit:

Date of Discovery : 12/26/2018	Method of Discovery:Pulic Works
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Restaurant grease spilled on sidewalk.	Date of Elimination: 12/28/2018
On-Going Discharge Not Eliminated: N	

Facility Name : Granite Creek	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 01/30/2019	Method of Discovery:Citizen Complaint
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: No discharge documented.	Date of Elimination: 01/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 5438 Side Rd.	Type of Activity:Equipment Storage
SIC Code :	AZPDES Permit:
Date of Discovery : 06/07/2019	Method of Discovery:Online Report
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: No discharge observed.	Date of Elimination: 06/07/2019
On-Going Discharge Not Eliminated: N	

Facility Name : DT PRODUCTS, INC	Type of Activity:PROCESSING, FABRICATION OF METAL PRODUCTS FOR WHOLESALE & RETAIL
SIC Code : PRIMARY METAL PRODUCTS, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search

Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 1984, 1982, 1980 Barrett Dr	Type of Activity:Construction
SIC Code :	AZPDES Permit:
Date of Discovery : 08/10/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 7 Days	Estimated Volume: 1
Description of Discharge: Sediment	Date of Elimination: 08/29/2018
On-Going Discharge Not Eliminated: N	

Facility Name : EZ Street	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/07/2018	Method of Discovery:Streets Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Unknown. Solvent-like smell in catch basin, unable to identify source.	Date of Elimination: 08/08/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 1280 E Rosser St	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/10/2018	Method of Discovery:Enironmental Personnel
Estimated Duration: 1 Days	Estimated Volume: 1

Description of Discharge: No discharge occurred. Observed for a few days to confirm.	Date of Elimination: 08/13/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 135 S. McCormick	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 08/22/2018	Method of Discovery:Environmental Personnel
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Oil from parking lot washed into creek. Source vehicle(s) not present.	Date of Elimination: 08/22/2018
On-Going Discharge Not Eliminated: N	

Facility Name : 142 N. Cortez St.	Type of Activity:Food Service
SIC Code :	AZPDES Permit:
Date of Discovery : 01/21/2019	Method of Discovery:Streets Division
Estimated Duration: 249 Days	Estimated Volume: 1
Description of Discharge: Overflowing grease barrel. Voluntary compliance effort underway.	Date of Elimination: null
On-Going Discharge Not Eliminated: Y	

Facility Name : 1627 Oregon Ave.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 01/23/2019	Method of Discovery:Wastewater Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Sewage discharging from residential cleanout.	Date of Elimination: 01/24/2019

On-Going Discharge Not Eliminated: N	
Facility Name : 1720 Sherwood Dr.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 01/23/2019	Method of Discovery:Environmental Personnel
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: One-time discharge of sewage from residential cleanout.	Date of Elimination: 02/06/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 482 Shalimar Dr.	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 01/30/2019	Method of Discovery:Wastewater Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Sewage leak reported, no discharge confirmed.	Date of Elimination: 01/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 1700 Iron Springs Rd.	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 02/18/2019	Method of Discovery:Local News
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Daily Courier reported tanker spilled hydrochloric acid. Fire Department HAZMAT crew responded and neutralized.	Date of Elimination: 02/18/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 137/131 N. Pleasant	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 03/01/2019	Method of Discovery:Water Division
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Potable water suspected.	Date of Elimination: 03/01/2019
On-Going Discharge Not Eliminated: N	

Facility Name : Prescott Lakes Golf Course	Type of Activity:None
SIC Code :	AZPDES Permit:
Date of Discovery : 02/28/2019	Method of Discovery:Environmental Personnel
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Reclaimed water overflowed from golf course pond. One-time discharge.	Date of Elimination: 02/28/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 1205 E. Rosser St.	Type of Activity:Drainage maintenance
SIC Code :	AZPDES Permit:
Date of Discovery : 02/28/2019	Method of Discovery:Environmental Personnel
Estimated Duration: 7 Days	Estimated Volume: 1
Description of Discharge: Recently cleaned drainage ditch discharged sediment into street.	Date of Elimination: 03/07/2019
On-Going Discharge Not Eliminated: N	

Facility Name : Capital Canyon Liftstation	Type of Activity:Wastewater Collection
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SIC Code :	AZPDES Permit:
Date of Discovery : 04/15/2019	Method of Discovery:Multiple Citizen Complaints
Estimated Duration: 3 Days	Estimated Volume: 1
Description of Discharge: Discharge of sewage from equipment failure at privately maintained liftstation. Facility manager sanitized.	Date of Elimination: 04/18/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 1230 Overstreet	Type of Activity:Residential
SIC Code :	AZPDES Permit:
Date of Discovery : 04/22/2019	Method of Discovery:Wastewater Division
Estimated Duration: 4 Days	Estimated Volume: 1
Description of Discharge: Sewage discharged from residential cleanout.	Date of Elimination: 04/26/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 115 E. Sheldon St.	Type of Activity:Construction
SIC Code :	AZPDES Permit:
Date of Discovery : 04/23/2019	Method of Discovery:Environmental Personnel
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: One-time discharge of concrete residue into City street.	Date of Elimination: 04/23/2019
On-Going Discharge Not Eliminated: N	

Facility Name : 120 N. Montezuma	Type of Activity:Food Service
SIC Code :	AZPDES Permit:

Date of Discovery : 06/11/2019	Method of Discovery:Wastewater Division
Estimated Duration: 108 Days	Estimated Volume: 1
Description of Discharge: Grease intermittently leaking from hood exhaust. Voluntary compliance effort underway.	Date of Elimination: null
On-Going Discharge Not Eliminated: Y	

Facility Name : 1342 Windwalker Ct.	Type of Activity:Construction
SIC Code :	AZPDES Permit:
Date of Discovery : 06/18/2019	Method of Discovery:Code Enforcement / Citizen Complaint
Estimated Duration: 1 Days	Estimated Volume: 1
Description of Discharge: Lumber delivery truck leaked oil on City street.	Date of Elimination: 06/19/2019
On-Going Discharge Not Eliminated: N	

Facility Name : VINYL VISIONS, LLC	Type of Activity:EXTRUDERS OF WINDOW COMPONENTS AND PVC
SIC Code : MANUFACTURING INDUSTRIES, NEC	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search
Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Facility Name : KUHLES SALVAGE	Type of Activity:METAL RECYCLING
SIC Code :	AZPDES Permit:
Date of Discovery : 06/30/2019	Method of Discovery:database search

Estimated Duration: 1 Hours	Estimated Volume: 1
Description of Discharge: no discharge unpermitted	Date of Elimination: 06/30/2019
On-Going Discharge Not Eliminated: N	

Question: Were any samples collected to characterize illicit discharge(s) in this reporting period?

Answer: No

Number of Illicit Discharges Sampled are: Samples were not needed to characterize illicit discharges.

Question: For each BMP in the Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, what was completed during this reporting period?

Answer:

BMP Name: Inspection & Enforcement

Category: Inspections

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Inspect all sites that require erosion control BMPs. All inspections and resulting enforcement actions are logged in Accela.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Weekly

Milestone Description:

Continue to perform regular Erosion and Sediment Control inspections as well as as-needed inspections when violations are identified. Enforce applicable code through authorized means.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

265 Erosion & Sediment Control inspections and SWPPP inspections were completed.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Inspect all sites that require erosion control BMPs. All inspections and resulting enforcement actions are logged in Accela.

BMP Name: Training and Inspection

Category: Erosion/ Sediment Control

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

This BMP is already encompassed through Inspector Training BMP and the Inspection & Enforcement BMP.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Weekly

Milestone Description:

This BMP is already encompassed through Inspector Training BMP and the Inspection & Enforcement BMP.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 12/06/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Public works inspectors were trained on Erosion and Sediment Controls inspections on 12/6/2018 and 5/23/2019.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

This BMP is already encompassed through Inspector Training BMP and the Inspection & Enforcement BMP.

BMP Name: Erosion Control Coordinator Training

Category: Construction Operator Training

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

The City will research the feasibility of hosting a training for the ADOT Erosion Control Coordinator certification. Number of participants (municipal and private sector employees) will be tracked.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 One time event

Milestone Description:

If determined to be possible within budgeting and scheduling constraints, the City will host an ECC training. City stormwater staff would extend the professional development opportunity other City personnel that may be in a position to identify erosion and sediment control issues at construction sites. This training would also be available to the public and the City would invite local contractors to participate in an effort to improve awareness of sediment pollution issues in the industry.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 06/25/2019

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Hosting the Erosion Control Coordinator (ECC) course was determined to be infeasible this reporting year as the course was already offered at the ADOT office in Prescott Valley. There was not sufficient demand to meet the minimum attendance requirements.

City of Prescott Stormwater Specialist and a Public Works Inspector completed ECC training in the June 2019 Prescott Valley offering..

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Coordinate with Community Development inspection staff and public works inspection staff to determine if hosting a class would be feasible. Lacking sufficient demand, work with inspection supervisors to increase number of certified inspectors. Continue consideration of hosting ECC course at the City and move forward with implementation as feasible.

Environmental Coordinator to re-certify during FY2020 reporting period.

Additional Public Works Inspectors to be trained with a goal of having all inspectors certified.

BMP Name: site plan reviews

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Category: Site Plan Review

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Review all plans for projects that have stormwater BMP requirements. All plan reviews are tracked in Accela.

Staff will continue to review plans to assure development compliance with AZPDES requirements, contain appropriate erosion and sediment controls, and have post-construction stormwater PMPs and Operation and Maintenance agreements

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Weekly

Milestone Description:

Staff will continue to review plans to assure development compliance with AZPDES requirements, contain appropriate erosion and sediment controls, and have post-construction stormwater BMPs and Operation and Maintenance agreements.

Additional staff will be trained to increase capacity in plan review.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2019

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

331 reviews completed on projects. This includes courtesy preliminary reviews of projects in the permit pre-application process.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Review all plans for projects that have stormwater BMP requirements. All plan reviews are tracked in Accela. Staff will continue to review plans to assure development compliance with AZPDES requirements, contain appropriate erosion and sediment controls, and have post-construction stormwater PMPs and Operation and Maintenance agreements

BMP Name: Training of Inspectors

Category: Inspections

Personnel Position/Department: Matt Killeen/Public Works

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BMP Description :

Conduct two or more trainings each year.

Train Public Works and Building Department inspectors to identify stormwater runoff issues at construction sites, enforce regulations, and track cases.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Two times per year

Milestone Description:

Train Public Works and Building Department inspectors to identify stormwater runoff issues at construction sites, enforce regulations, and track cases.

Fall 2018 and Spring 2019

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 12/06/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Please see training section for departments an numbers of staff trained.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Conduct two or more trainings each year. Train Public Works and Building Department inspectors to identify stormwater runoff issues at construction sites, enforce regulations, and track cases.

BMP Name: Site Inspection & Training

Category: Control Wastes

Personnel Position/Department: Matt Killeen

BMP Description :

This BMP is already encompassed through Inspector Training BMP and the Inspection & Enforcement BMP.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 06/30/2018

Targeted End Date: 07/01/2019

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Frequency: 1 Weekly

Milestone Description:

This BMP is already encompassed through Inspector Training BMP and the Inspection & Enforcement BMP.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.
Please see above.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

This BMP is already encompassed through Inspector Training BMP and the Inspection & Enforcement BMP.

BMP Name: Green Infrastructure

Category: Site Plan Review

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Increase in number of constructed and in- design projects that feature LID or green 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 Weekly

Milestone Description:

Recommend that Green Infrastructure be added to Capital Improvement Projects and private development during pre- application conferences and during review. Document.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

The City's number of Green Infrastructure features increased during the reporting year. Among the most visible, the Carleton Cortez Street project included curb cuts and rain gardens in the downtown area adjacent to the tourist area, schools, City Hall and Granite Creek.

Extensive plan review took place for a regional detention basin adjacent to Acker Park. It is anticipated construction will start there in the fall of 2019. Summit/Beach/McCormick Street Project underwent numerous rounds of review and includes curb cuts and rain garden elements in the downtown area and adjacent to Granite Creek.

For private development the City has been emphasizing low impact development as the preferred method of providing first flush treatment (as opposed to inlet filters, envirohoods, etc.) The City has also created a water rebate for passive rainwater harvesting in residential and commercial settings. In redevelopment settings the City is now enforcing the requirement of first flush treatment for any increase in impervious surface area. As this development is focused in the downtown area it coincides with our heaviest pollutant loads, per Upper Granite Creek Watershed TMDL.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Recommend that Green Infrastructure/Low Impact Development be added to Capital Improvement Projects and private development during pre- application conferences and during review. Document.

Question: For Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure4.

The City is currently using the Accela Software program to conduct all plan review and erosion & sediment control inspections. This software platform does discriminate between plan review and physical inspections nor does it sort by acreage (i.e. <1Ac.) All report-year construction permits and their associated inspections are available for review. We are not able to compile all those inspections into an overall metric as is requested on subsequent pages of this annual report.

Given these shortcomings, among others, the City is transitioning to TrackIt and BlueBeam digital plan review and inspection software in January of 2020.

Question: Were any construction activity operator training events conducted?

Answer:

No

Why weren't training events conducted?

The City achieves the requirements of MS4 Permit section 6.4.4.4 through erosion and sediment control inspections and one-on-one operator outreach in the field. This outreach is conducted by stormwater staff and public works inspectors.

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Question: Minimum Control Measure 4: Construction Activity Stormwater Runoff Control, Provide the details of the construction activity complaints and inspections that were conducted during this reporting period.

Answer:

Number of active construction sites in this reporting period: 0

Has an inspection frequency been developed and implemented? YES

Number of active construction sites inspected at least weekly: 0

Number of active construction sites inspected at least one time every six months: 0

Number of active construction sites inspected at least monthly: 0

Number of active construction sites inspected at least annually: 0

Number of construction activity complaints that were resolved or responded to: 0

Number of active construction sites that required re-inspections in this reporting period: 0

Number of active construction sites not inspected: 0

Number of construction activity complaints received in this reporting period: 0

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	0	0	0
2	NOC	0	0	0
3	Stop Work	0	0	0
4	Admin Order	0	0	0
5	Admin Fines	0	0	0
6	Civil Penalties	0	0	0
7	Criminal Action	0	0	0
	Total	0	0	0

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Question: For each BMP in the Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, what was completed during this reporting period?

Answer:

BMP Name: Inspections of Sites

Category: O&M Procedures

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Develop an increased capacity to perform inspections on all post-construction BMP sites annually.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Weekly

Milestone Description:

Hire Stormwater Specialist to complete inspections (July 2018)

Expand BMP self-inspection program, encouraging property managers to submit proof of regular maintenance.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/16/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Completed inspections on 100% of active facilities in post-construction BMP inventory.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Perform inspections on all post-construction BMP sites annually. Expand BMP self-inspection program, encouraging property managers to submit proof of regular maintenance.

BMP Name: Site Plan Reviews

Category: Site Plan Reviews

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Continue to review proposed site plans for stormwater pollution controls.

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Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Weekly

Milestone Description:

Plans for all construction requiring stormwater pollution controls will be reviewed by staff prior to permit approval. Permitted sites will be logged and added to the post-construction stormwater management inventory.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

331 reviews completed on projects. This includes courtesy preliminary reviews of projects in the permit pre-application process.

10 sites (including sites in review or under construction) added to the Post-construction BMP Inventory during the reporting period.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Plans for all construction requiring stormwater pollution controls will be reviewed by staff prior to permit approval. Permitted sites will be logged and added to the post-construction stormwater management inventory.

The Post Construction facility inventory is being migrated into the Lucity database system. This will allow for tablet based inspections and automated scheduling.

BMP Name: Inventory

Category: Inventory

Personnel Position/Department: Matt Killeen

BMP Description :

Maintain an up to date data set with supporting documents as new sites are constructed.
Develop tablet based inspection capacity using Lucity software.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Daily

Milestone Description:

Participate in permit final walkthroughs to document BMP location. Copy as-builts to files for future reference.

Work with City IT staff to create, and then periodically update, post construction sites in Lucity. Utilize tablets for inspections.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2019

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Digital post-construction BMP inventory in Lucity database and ability to perform inspections using tablets completed. As-built plans attached to each new record in inventory.

The post-construction BMP inventory currently has 80 sites. This includes, as of 6/30/2019, 51 active sites and 29 non-active sites (either in plan review or under construction). An additional 3 sites were removed from the post-construction BMP inventory because City staff determined they did not require post-construction stormwater treatment per Prescott City Code.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Continue to streamline Lucity BMP inventory and inspection workflow.

Stormwater Specialist to attend an Lucity conference to better understand and use the stormwater module. This module was designed by Lucity to meet all of the NPDES reporting needs.

BMP Name: Final Walkthroughs

Category: Structural/Non-Structural BMP

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Increase in number of walkthrough inspections attended by Stormwater staff.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Weekly

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Milestone Description:

Participate in final walkthroughs to ensure functional installation of BMPs.

Take enforcement action when violations are identified during inspections or through other means (incidental, complaints, etc.)

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Stormwater personnel participated in 3 final walkthroughs as tracked through Accela.

Stormwater staff participated in numerous other walkthroughs but did not have a method of tracking it accurately or consistently. Steps are being taken to address this through inspection software, as noted below. Photo documentation of walkthroughs is available.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

The City is changing it's inspection software platform from Accela to Track-It in January 2020.

Stormwater staff will work with the public works supervisory inspector and inspectors to formally request (in Track-It) walk through inspections for all projects.

Participate in final walkthroughs to ensure functional installation of BMPs.

Take enforcement action when violations are identified during inspections or through other means (incidental, complaints, etc.)

Question: For Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? No

Provide a summary of compliance with the requirements for Minimum Control Measure5.

The BMPs identified above represent components of the City's post-construction stormwater runoff program, which enforces construction and maintenance of runoff controls on new development and redevelopment projects in the City.

Question: Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment, Provide the details of the Post-Construction Stormwater controls used during this reporting period

Answer:

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Number of sites that required Post-Construction Stormwater controls in this reporting period: 51

Number of Post-Construction Stormwater controls inspected in this reporting period: 51

Sr.No.	Enforcement Actions	Enforcements Issued	Enforcements Resolved	Enforcements Unresolved
1	NOV	1	0	1
2	NOC	11	8	3
3	Stop Work	0	0	0
4	Admin Order	2	0	2
5	Admin Fines	0	0	0
6	Civil Penalties	0	0	0
7	Criminal Action	0	0	0
	Total	14	8	6

Question: For each BMP in the Minimum Control Measure 6: Pollution Prevention and Good Housekeeping, what was completed during this reporting period?

Answer:

BMP Name: Maintenance Schedule

Category: Maintenance Schedule

Facility Information:

Public Parks & Trails

Administrative Buildings

Public Works

Fleet Services

Fire Stations

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

As identified in the previous BMP Stormwater Staff quarterly inspections will identify green infrastructure maintenance needs and schedule with the City's Drainage Maintenance Crews and/or Parks Staff.

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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:

Quarterly inspection with maintenance intervals identified and scheduled so as to automatically occur in subsequent months and years.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Stormwater staff monitors the ongoing functionality of Green Infrastructure throughout the City and identify maintenance needs such as sediment removal, seeding and/or weed control. Most green infrastructure is inspected on a weekly basis. Those sites include the Rodeo Bio bain, Acker Park regional detention, Adult Center basin and rain garden, Marina Street, Carleton Street, Stricklin Park, and Pioneer Park.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Quarterly inspection with maintenance intervals identified and scheduled so as to automatically occur in subsequent months and years. Establish these inspection and maintenance intervals in the City's database, Lucity, so that it may persist after staff turnover.

BMP Name: Staff Training

Category: Training

Facility Information:

Public Parks & Trails

Public Works

Administrative Buildings

Fleet Services

Fire Stations

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

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

Increase capacity for municipal inspections through the hiring and training of a Stormwater Specialist.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Monthly

Milestone Description:

Inspection of all municipal facilities to take per the facility prioritization schedule as identified in the SWMP.

Train staff to independently carry out required inspections and achieve resolution/compliance on all identified problems.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Complete.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Train public works inspection staff to conduct these inspections on municipal facilities during precipitation events. Construction sites typically shut down during rain/snow events and stormwater staff are usually conducting analytical monitoring. This should increase the number of facilities inspected for FY20.

BMP Name: Street Sweeping

Category: Maintenance Activities

Facility Information:

Fleet Services

Public Parks & Trails

Administrative Buildings

Public Works

Fire Stations

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

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This activity is not limited to Fleet Services although that facility does have sweepings scheduled as a weekly occurrence.

Continue street sweeping program to systematically remove pollutants from roadways.

Follow recommendations of the Granite Creek Watershed Pollution Reduction Plan with regards to sweeping equipment capacity and route priorities.

Is another government entity responsible for this BMP ? No

Measurable Goals:

Start Date: 07/01/2018

Targeted End Date: 06/30/2019

Frequency: 1 Weekly

Milestone Description:

Weekly street sweeping of Fleet Services.

Follow the recommendations of the Granite Creek Watershed Pollution Reduction Plan to integrate GI into existing capital improvement projects or create a new GI project.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Street sweeping and drainage maintenance activities removed 1,986.66 tons of material from the City's storm drainage system.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Weekly street sweeping of Fleet Services. Follow the recommendations of the Granite Creek Watershed Pollution Reduction Plan to integrate GI into existing capital improvement projects or create a new GI project.

The City's consultant on TMDL compliance efforts (Wood PLC) is modeling nutrient removal potential for a matrix of street sweeper models and sweeping frequencies. The City will be considering the results of this modeling effort in order to maximize the effectiveness of its street sweeping program.

BMP Name: Facility Inspections

Category: Inspections

Facility Information:

Public Works

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Administrative Buildings

Fleet Services

Fire Stations

Public Parks & Trails

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Develop an increased capacity to perform inspections on all Municipal BMP sites annually.

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:

Hire and train Stormwater Specialist to complete inspections.

Inspect the facilities as prioritized and scheduled in the Stormwater Management Program. For example, Public Works to be inspected quarterly.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

14 of 35 facilities inspected.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Inspect the facilities as prioritized and scheduled in the Stormwater Management Program. For example, Public Works to be inspected quarterly.

As noted previously. Train public works inspection staff to conduct these inspections on municipal facilities during precipitation events. Construction sites typically shut down during rain/snow events and stormwater staff are usually conducting analytical monitoring. This should increase the number of facilities inspected for FY20.

BMP Name: Facility Prioritization

Category: Inventory

Facility Information:

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Administrative Buildings

Public Works

Fleet Services

Fire Stations

Public Parks & Trails

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

Increase number of facilities identified and inspected. (Across all municipally owned buildings, lands and facilities)

Create inspection form in paper and digital versions for tablet based monitoring.

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:

Review Facility Prioritization in SWMP and adjust inspection frequency as determined by inspection results to reflect conditions and pollutant potential.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

The City has 35 facilities in its Municipal Facility Inventory and has completed prioritization of these facilities for stormwater inspections.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Complete all quarterly and annual inspections on schedule. Inspect all other facilities (prioritized at 20% per year) within the permit cycle. Complete transition to digital inspection forms for 100% of inspections.

BMP Name: Green Infrastructure O&M

Category: O&M Procedures

Facility Information:

Public Parks & Trails

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Administrative Buildings

Public Works

Fleet Services

Fire Stations

Personnel Position/Department: Matt Killeen/Public Works

BMP Description :

This applies to green infrastructure found in both Park and street settings.

Maintain green infrastructure and stormwater filtration BMPs at City operated facilities.

Green infrastructure sites include: the Adult Center biobasins, Whipple St. biobasin, Rodeo Grounds biobasin, Acker Park biobasin, and Alarcon and Marina Streets' rain gardens.

BMP sites include the Fleet Maintenance garage, Pioneer Park hockey rink, several administrative buildings, and 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 Quarterly

Milestone Description:

Regular refinement of O&M procedures at the green infrastructure sites found throughout town through quarterly inspections. Coordination with the Streets Departments Drainage Maintenance Crew and Parks staff to schedule and train as needed.

Were milestones/measurable goals achieved for this reporting period? Yes

Actual BMP Start Date: 07/01/2018

Date:

Provide a description of BMP effectiveness, including metrics used to determine effectiveness.

Stormwater staff monitors the ongoing functionality of Green Infrastructure throughout the City and identify maintenance needs such as sediment removal, seeding and/or weed control. Most green infrastructure is inspected on a weekly basis.

Provide a summary of activities planned for next reporting period

BMP does not apply for next reporting period: No

Milestone Description:

Regular refinement of O&M procedures at the green infrastructure sites found throughout town through quarterly inspections. Coordination with the Streets Departments Drainage Maintenance Crew and Parks staff to schedule and train as needed.

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Question: For Minimum Control Measure 6: Pollution Prevention and Good Housekeeping, Did the program implement any additional BMPs during this reporting period?

Answer:

Did the program implement any additional BMPs during this reporting period? Yes

BMP Name: Household Hazardous Waste

Provide a description of the BMP, include reason(s) for implementing the BMP, its effectiveness, frequency, and goal:

The solid waste division conducted a household hazardous waste campaign in February and March of 2019. This event allowed for free curbside pickup of hazardous waste items throughout the City.

Will this BMP be used for future reporting periods? Yes

Please add this BMP to the NOI to have it auto-populate in future annual reports

BMP Name: Planning

Provide a description of the BMP, include reason(s) for implementing the BMP, its effectiveness, frequency, and goal:

The City is in the final stages of completing a Watson Lake Management Plan and a Granite Creek Watershed Pollution Reduction Plan. At the end of FY19 Wood PLC, the City's consultant, was conducting modeling runs for pollutant reductions based on the combination of BMPs used. These FY19 efforts provided the justification for budgeting a new sweeper that will be purchased in FY20. As part of this effort the City also reexamined the Watson Lake sediment cores taken by NAU and collected new sediment samples to help establish if they contained any pollutants that would impact a possible dredging alternative.

Will this BMP be used for future reporting periods? Yes

Please add this BMP to the NOI to have it auto-populate in future annual reports

BMP Name: Water Policy

Provide a description of the BMP, include reason(s) for implementing the BMP, its effectiveness, frequency, and goal:

At the end of FY19 the City began to reexamine its water policy. As a result, at the end of the reporting period, the city approved a new Conservation Water Rebate program. Passive rainwater harvesting (rain gardens) was added for both residential and commercial settings. Mandatory sewer connections and eliminating septic systems, is a component of this policy that could significantly reduce our pollutants of concerns (E. coli, nutrients) in neighborhoods immediately adjacent to impaired streams. City staff have been in communication with ADEQ (Jason Sutter) regarding our efforts and TMDL implications.

Will this BMP be used for future reporting periods? Yes

Please add this BMP to the NOI to have it auto-populate in future annual reports

BMP Name: Watson Woods wetland preservation

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Provide a description of the BMP, include reason(s) for implementing the BMP, its effectiveness, frequency, and goal:

The City, Prescott Creeks, and the Army Corps of Engineers have entered into a dialogue to establish a perpetual easement for the preservation of Watson Woods Riparian preserve as a fee in lieu mitigation bank site. As part of this effort a development plan for the preserve is being collaboratively constructed and it is anticipated wetlands will be expanded and constructed using those in lieu fees. These wetlands would serve as nutrient sinks for Granite Creek waters before reaching Watson Lake.

Will this BMP be used for future reporting periods? Yes

Please add this BMP to the NOI to have it auto-populate in future annual reports

Provide a summary of compliance with the requirements for Minimum Control Measure6.

In addition to the specific BMPs identified above, City stormwater personnel regularly coordinate with other Public Works divisions and City departments. Coordination efforts involve a wide range of efforts to improve City processes and reduce pollution generated in the course of providing City services.

Question: Was staff training conducted?

Answer:

No

Why weren't training events conducted?

Good housekeeping trainings were conducted in combination with IDDE and General Stormwater Awareness trainings. Please see trainings under MCM 3 for details. Training PowerPoints available on the City's website (<http://www.prescott-az.gov/water-sewer/water-resource-management/arizona-pollution-discharge-elimination-system/>)

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