ANNUAL REPORT

Arizona Pollutant Discharge Elimination System (AZPDES)
Small Municipal Separate Storm Sewer System (MS4) General Permit
(AZG2016-002)

Regulated Small Municipal Separate Storm Sewer Systems (MS4s) must submit an Annual Report (AR) to the Arizona Department of Environmental Quality (ADEQ) before September 30 each year. Permittees must complete an Annual Report and submit the original, signed document to:

Arizona Department of Environmental Quality
Surface Water Section/Stormwater & General Permits Unit (5415A-1)
1110 West Washington Street, Phoenix, AZ 85007

A. REGULATED SMALL MS4 INFORMATION

Annual Report for Reporting Year: 2016 – 2017

LTF Number: 65727		Name of MS4:	City of Prescott		
Primary Contact:	Matt Killeen			Title:	Environmental Coordinator
Mailing Address:	430 N. Virginia St.				
City:	Prescott		Zip Code: 86301	County:	Yavapai
Telephone Number:	928-777-1130	Email Address:	Matthew.Killeen@Prescott-az.gov		

☐ Non-Traditional MS4 ☑ City/County Estimated Population: 42,513 per U.S. Census Bureau 2016 estimate

Is another entity responsible for any satisfying any permit requirements (6.4b): ☐ Yes ☑ No. If yes, complete the following questions; if no, continue to Section B.	Identify Partnered Entity: None
Provide a description of permit requirements being implemented by another entity: None	Type of Legally-binding Agreement: N/A

B. MAPPING (4.0 and 8.4(b))

1. Provide a narrative description of the permittee's mapping progress:

The City's GIS department continues to digitize stormdrain features from submitted As-Built drawings that are required with redevelopment and new development. The GIS Department has also digitized the field notes from the Street Maintenance Drainage crew. In the fall of 2016 outfall mapping was conducted concurrently with dry weather visual outfall inspections to identify gaps in our existing dataset. At that time the City incorporated a new naming convention for outfalls for easier management and recognition. This data is currently being processed and added to the Outfall data layer (our DMR form notes these in the visual monitoring section). A working Outfall spreadsheet, *Prescott_Outfalls APR2017*, has been attached digitally for your reference. An additional review of existing outfalls will take place to make sure that all identified outfalls are City owned and that they are outfalls as opposed to linear conveyances.

In the course of conducting illicit discharge investigations during FY18 significant portions of the older parts of Prescott (downtown area) were found to be lacking in accurate map data. These data gaps are primarily associated with stormdrains, culverts, and associated infrastructure. Outfall mapping is considered to be much more complete. While aerial imagery is valuable and complimentary to the City's data set additional mapping is required. A Capital Improvement Project is underway for FY18-19 for Stormdrain Mapping, budgeted at $250,000. This effort will identify gaps in the existing data set and also accelerate the integration stormdrain data in to a new asset management tracking software that the City is installing (Lucity software).

Outfall mapping percent complete did not increase significantly since the submission of the NOI as we need to field truth those newly listed non-attaining waters, particularly Government Canyon, Slaughterhouse Gulch, North Fork Granite, North Fork Miller, Virginia Street Wash, Yavapai College Wash and Banning Creek.

2. Number of outfalls currently mapped: 284	**3. Outfall mapping –Percent Complete:** 85
4. Storm Sewer System Mapping Percentage Complete: 75	**5. Identification of Waters of the U.S. that receive discharges from the outfalls** Percentage Complete: 100

6. Has land been annexed into the MS4 since the previous reporting year: ☐ Yes ☑ No (4.2).

If yes, complete the following:

a) Total area annexed since last annual report: 0 acres

b) **Mapping of new area – Percent complete: NA**

c) Are BMPs fully implemented in annexed area: ☐ Yes ☐ No

d) **Provide a description of BMP implementation for areas annexed into the regulated MS4 since the last reporting period:**

C. PROGRAM EVALUATION (8.1.1 and 8.4d)

Provide a written assessment of the appropriateness of identified best management practices and progress toward achieving identified measurable goals for each minimum control measure.

MCM1-1 Explore Partnership Opportunities

Record number of yearly outreach events (1 per year minimum)

The City of Prescott is fortunate to have a number of non-profit, government agencies, and school groups that have a mutual interest in improving surface water quality. A series of coordination meetings took place with ADEQ, Prescott College, and Prescott Creeks to identify priorities and capacity to conduct analytical monitoring of green infrastructure sites throughout the City. As a result we, collectively, are discovering and quantifying the pollution reduction benefits of the Whipple Basin, The Adult Center, and the Rodeo Grounds Bio-basin.

Additional coordination meetings took place with Yavapai County to develop a pet waste campaign. This was temporarily postponed from the summer of 2017 however the City distributed over 800 dog waste dispensers to those areas popular with dog walkers. A particular focus was given to those pollutant hotspot areas, as identified in the TMDL document and Watershed Improvement Plan. It is anticipated that this campaign will be realized in the Spring of 2018.

In an effort to better understand the community's capacity and interest for citizen science multiple outreach efforts were made to the Citizens Water Advisory Group, Prescott College, and Prescott Creeks Preservation Association. This documented a significant pool of potential volunteers however our collective ability to transform interest into meaningful data has been a challenge. In the coming fiscal year we will be looking to figure out how to direct those volunteers to the City's new website and online reporting options or determine if directing people to ADEQ's Water Watch smart phone app is a better means of capturing their observations and attention.

MCM1-2 Municipal website info

Document updates to website, record number of visitors to website each year.

In April of 2017 the City's stormwater page (http://www.prescott-az.gov/services/engineering/storm.php) was updated to reflect the new MS4 permit, the City's new NOI and the revised SWMP. Website analytics have indicated that there have been 207 page views since that update, that analytics summary page is attached digitally as, *COP_stormwater-analytics_042517-110617*. The City has a new website that is scheduled to go live December 11th, 2017. This will necessitate some quality control to insure updated and accurate links are provided to all AZPDES related documents. Additionally, the City (Matt Killeen and IT Dept.) will be adding links for recent annual reports and some of the newly developed training materials for General Stormwater Awareness, Illicit Discharge Detection and Elimination, and Construction Sites. The existing FAQ sheets for various industries will also be reviewed to ensure that all information is both current and relevant.

MCM1-3 Outreach to Homeowners

Record number of outreach efforts (1 per year minimum)

City staff (Matt Killeen) participated in 5 events, either at an informational table/display or making presentations. These included: Yavapai County Contractors Association's Home & Garden Show (3 day event), Citizens Water Advisory Group presentation (43 people present, viewed 181 times online,

http://cwagaz.org/resources/video-archive/255-2017-03-11), Earth Day booth at the downtown event (50+ personal contacts), The Highlands Center Native Plant Sale information booth (2 day event with 440 people attending), and participated in a Prescott College field ecology class with the University of Arizona water lab/field methods (19 students present).

All of these venues provided meaningful exposure to stormwater quality concepts and provided resources to homeowners as a means towards making improvements at their homes or in their behaviors. Developing trackable metrics for these outreach efforts has been difficult. The City did see an increase in the number of water conservation rebates issued towards the end of the fiscal year which aligns with the timing of outreach efforts that focused on rainwater harvesting in residential settings.

The City will continue to conduct outreach at events like these as they are an important means of connecting with residents. Going forward the City may shift focus to specifically highlight Illicit Discharge Identification. With the City's planned website reporting features we may be able to track illicit discharge reports correlated to the timing of these outreach efforts.

Similarly social media platforms such as Facebook and Twitter may be utilized as a means of outreach to capitalize on their integral metrics.

This MCM will be broadened to, Outreach to Residents. There are significant student and homeless populations within our community who would have the potential to improve water quality by volunteering or by changing personal behaviors.

MCM1-4 Outreach to Businesses

Record number of outreach efforts (1 per year minimum)

Six individual businesses were personally contacted to provide information on Illicit Discharges, their impact and how to prevent them through better management practices. In all cases corrective steps were taken to rectify and issues that had been observed and/or reported.

These issues will need to be scaled up to have a significant impact. As identified in Section D-3 of this report the City will focus on several industrial sectors on a seasonal basis. Additional priority will be placed on those businesses in the downtown area. Not only are these some of our most visible businesses they also occur within the area that has the highest pollutant loads and impervious ground cover as identified in the TMDL document for Granite Creek Watershed.

MCM2-1 Implement Public Notice

Document public notice efforts.

City Staff (Matt Killeen) publicized the new permit, associated process, and the revision to the SWMP at two City Council meetings. No feedback from the public was garnered as a result.

In this coming year a more focused effort on presenting the City's Stormwater Management Program will need to happen. The information will be presented initially as an "in-reach" to City staff, complementary to other training modules. Once the presentation is refined we (Matt Killeen) will partner with previously

identified groups such as Prescott College and the Citizens Water Advisory Group to make additional presentations and garner feedback. That feedback will be incorporated into the FY18 report.

MCM2-2 Stormwater Volunteer Opportunities

Record number of participants and type of volunteer activity.

Outreach efforts to Prescott College and Citizens Water Advisory Group identified an interest in volunteering through citizen science, or the like. Understanding existing potential volunteer interest has informed efforts to improve the City's new website reporting. That reporting capacity will be field tested after December 11th, 2017. If it is accessible/intuitive and functional it will be incorporated into outreach presentations and publicized in print and social media outlets, as appropriate. Should the City's website reporting not lend itself to volunteer participation one of two things will happen. Matt Killeen will work with IT department to streamline and improve reporting and the subsequent routing of complaints and observations or the City will work with ADEQ's Water Watch smartphone app to improve direct reporting.

MCM2-3 Procedure for receiving and reviewing public comment

Document the number of telephone one and website complaints regarding stormwater issues and resolution.

The City did not document any calls or website comments specific to its Stormwater Management Program. Those calls the City did receive were associated with construction site issues. In those cases the assigned inspector was informed and followed up with the contractor to resolve the situation.

The City's new website should streamline reporting and routing of comments. Additional training of frontline staff, public works, water department and City Hall receptionists and counter staff, should improve reporting and facilitate the incorporation of public comments. Training of those staff occurred in November of 2017 and improvements have been realized.

MCM3-1 Eliminating Illicit Discharges

Record number of illicit discharger reports and outcome of each illicit discharge.

22 illicit discharge complaints received by telephone. All of these calls were resolved by the City's environmental coordinator or Public Works inspectors when associated with a construction site.

While City staff were effective in achieving voluntary compliance through outreach and education notice of violations were also required to achieve code compliance. No illicit discharge reports required elevation to legal or citation level enforcement.

Moving forward it will be important to insure that appropriate complaint tracking is in place. Receptionist and frontline staff have been trained (Nov 2017) to improve complaint routing to appropriate staff. Additional methods of documenting complaints in the resource tracking software (Lucity) will be explored as a

means of improving the process.

MCM3-2 Dry Weather Screening

City will record number of inspections each year, 20% of known outfalls/year.

This measurable goal was achieved as 20% of known 284 outfalls is approximately 57 outfalls. The City conducted monitoring on 60 outfalls. These efforts are coupled with field verifying the City's GIS outfall layer. Several outfalls were found to be discharging groundwater on a nearly continual basis. Analytical monitoring was performed as a precaution to verify that there were no surface water quality standards exceeded for pollutants of concern. All of these efforts were documented and captured in the DMR report that accompanies this report.

Future efforts will focus on those waterbodies that have been newly listed and/or have limited or undocumented MS4 interface.

MCM3-3 Wet Weather Monitoring

City will conduct two inspections per (then) impaired waterbody per season.

Wet weather monitoring is paired with the City's analytical monitoring efforts sharing a single data form. Through fiscal year 2017 the focus was on the initially identified impaired waters of Granite Creek, Manzanita Creek, Miller Creek and Butte Creek. Those efforts will expand to provide two monitoring efforts per wet season for all of the non-attaining water bodies. Wet weather monitoring will take place on occasions where there is no lab availability (after 5pm and on Fridays) for analytical monitoring.

MCM3-4 Unpermitted Discharges

City will record number of licenses verified and report unpermitted businesses

Prescott's municipal business licensing was initiated in fiscal year 2017, http://www.prescott-az.gov/business/license/ It has been estimated that approximately 50% of businesses have registered. These businesses have not yet been cross checked against ADEQ's database for permitted businesses.

Four construction sites were found to be operating without a City permit however all four sites were found to be beneath the acreage threshold of ADEQ's Construction General Permit.

MCM3-5 Staff Training

City will record number of staff who receive training

During the process of revising the City's Stormwater Management Program it was recognized that the City didn't have any Prescott-specific training materials and

instead relied on commercial pre-packaged training programs. The City contracted with Amec Foster Wheeler to create training modules for General Stormwater Awareness, Illicit Discharge Detection, and Construction Site Erosion Controls. Those materials were delivered in June of 2017, we've attached them in the disc accompanying this report in the folder, *Prescott Stormwater Training Modules*. Only Public Works construction inspectors (7 people) were trained using these new materials.

General Stormwater and Illicit Dicharge trainings will expand greatly and is already underway in FY18.

MCM4-1 Construction Inventory

Active construction sites will be available in a searchable inventory.

For the reporting period Prescott utilized TrakIt software. This software provides search option for site address, operator, and/or assessor's parcel number.

The City will be transitioning to a new resource tracking (Lucity) and permitting system (Accella) in December 2017. This software modernization should provide better search functions. While TrakIt was a functional platform the search functions were cumbersome and made it difficult to accurately address some of the specific metrics identified in section G-3.

MCM4-2 Plan Review, Inspection and Enforcement Procedures

The City will record the number of plan reviewed, inspections conducted and enforcement actions taken.

Matt Killeen conducted 146 site plan reviews over the course of the year to ensure that appropriate erosion and sediment controls were in place. Plans were also reviewed to determine the applicant had appropriate coverage under ADEQ's Construction General Permit.

848 Erosion and Sediment Control Inspections took place across all permit types. A breakdown of inspections by type for the year is attached digitally in the disc that accompanies this report and is titled, *FY17_Inspection on by type_MCM4-1*.

Enforcement procedures were not documented. If and Erosion and Sediment Control inspection is not passed the the contractor is charged for repeat inspections until an approved inspection occurs. Details of all Erosion and Sediment Control inspections are provided in an attachment INSPECTION DETAIL.DOC.

These reviews and inspections will be tracked through the new Accela software in the coming year. Identifying or creating the ability to document these reviews, inspections, and enforcement actions will be a priority.

MCM4-3 Operator Education

City will record the number of operators who receive stormwater training each year.

The Public Works Department created a Lunch N Learn training series for the local construction industry in partnership with The Yavapai County Contractors Association. These presentations took place at City Hall and were videotaped(see link on page: http://www.prescott-az.gov/services/engineering/). 45 contractors

were present in person and the video has garnered 43 subsequent views.

The City will continue to partner with the Yavapai County Contractors Association to identify appropriate and meaningful means of working with the contracting community.

MCM4-4 Staff Training

City will record the number of employees who received construction stormwater inspection training.

As previously mentioned new Prescott-specific training materials were delivered to the City in June of 2017. Public works construction inspectors (7 people) received training in June.

The City has experienced significant turnover amongst our public works inspection staff (who conduct commercial and subdivision inspections). As permanent inspectors are brought onboard we will conduct training individually or in a group setting. Building Inspectors and Capital Project Managers will also be trained.

MCM5-1 Stormwater Control Inventory

City will record number of entries into inventory each year.

All construction projects that are required per Prescott City Code to have post construction storm water control features are also obligated per the City's General Engineering Standards to submit an Operation & Maintenance Agreement for those features (see attached *CoP Maintenance Agreement*). Those agreements are filed in the Public Works Engineering building. Five such agreements were submitted in fiscal year 2017.

MCM5-2 Enforcement Procedures

City will review enforcement procedures annually.

The City's environmental staff, Matt Killeen, has regular discussions with the City's legal and code enforcement staff to identify areas of improvement. At this point in time there have not been any needed revisions to City Code identified. Capacity to conduct inspections and subsequent enforcement actions remains the City's biggest limiting factor.

MCM5-3 Site Plan Review Procedures

City will record number of plans reviewed each year.

Matt Killeen conducted 146 plan reviews for the reporting year as documented in TrackIt software, see *plan review_mkilleen_FY1.xls7*. Plan review comments are recorded in Word documents on a Public Works Engineering shared drive for future reference. These plan reviews were conducted to verify appropriate erosion

and sediment controls were in place, that appropriate ADEQ CGP coverage was established, and that post construction stormwater quality features were included and a maintenance agreement had been submitted to the City.

For FY18 plan review will occur be written in a Word document and saved on the Engineering Drive after which comments will be recorded in two software platforms, TrackIt (through December 10) & Accela (December 11th on).

MCM5-4 Staff Training for Post-Construction inspections

The City will record the number of employees who received post construction stormwater inspection training.

Currently the only staff person conducting post construction inspections is the Environmental Coordinator, Matt Killeen. As such no trainings occurred in the reporting year. Should additional personnel be identified for that responsibility they will be trained.

MCM5-5 Inspections

The City will record the number of inspections conducted.

Five sites were inspected towards the end of the reporting period, see *Post Construct Insp_MK*.

In order to conduct more of these inspections and their associated enforcement actions this process will need to be streamlined. In the limited sample size of this reporting year it was discovered that property managers for commercial properties experience regular turnover and are often not informed of the post construction stormwater features of their sites. Additionally many of these commercial facilities have headquarters and/or property managers from outside the Prescott area making communication difficult. Developing at least an annual inspection frequency may aid in establishing regular communication and maintenance.

MCM6-1 Municipal Facility Inventory, Prioritization and Inspection.

City will keep facility inspection reports on file. Each facility inspected per prioritization schedule. Start date 10/17.

Fleet services continue to conduct quarterly inspections as it did previously when it was permitted through the ADEQ's Multi Sector General Permit.

The facility inventory and prioritization document has been attached along with our other digital supporting documents. Aside from Fleet services all other facilities will be inspected per this schedule with inspection commenting in December/January.

MCM6-2 Operations, Inspection and Maintenance (Fleet & Street Sweeping)

City will report maintenance activities each year. Streets will be swept one per month minimum and city vehicles will be inspected once per year minimum.

The Streets Maintenance Department maintains street sweeping logs for routine and special request sweeping. The City logged 3,589.8 miles of street sweeping

(see attachment *Street Sweeping and Basin Maintenance.pdf*) This attachment also details stormdrain maintenance and drainage structure inspections. This total is currently less than the goal we set forward in the SWMP and NOI. Resources and personnel limit our ability to reach that goal at this time. In order to increase the impact of these sweeping downtown streets are swept on a more regular basis than those on the outskirts of town. This hase greater pollution reduction and safety benefits.

Currently vehicle inspection intervals are based on mileage and not on the fiscal or calendar year. The environmental coordinator will confer with Fleet Maintenance staff to see if annual inspections are needed or if current mileage based intervals are sufficient. A fiscal year summary of that maintenance will be established moving forward.

MCM6-3 Implement Controls

Review in place Pollution Prevention controls each year. Record number of public basins that are maintained each year.

Pollution Prevention guidelines have not yet been created. They will be created for each facility group as identified in the Facilities Inventory (attached).

The City inspects and maintains stormwater detention basins on an annual basis. The Rodeo Bio Basin's sediment trap fore bay is the only one that currently requires annual maintenance. These sediment withdrawals are weighed as a means of documenting the amount of sediment and associated pollutants that are prevented from entering Miller Creek. Public and Private basins are now being documented through As-Built digitaization and integrated into our resource tracking software, Lucity.

MCM6-4 Staff Training

City will record number of staff who received training (specific to maintenance crews and facility inspectors).

This has not yet occurred. The new training modules for general stormwater awareness and illicit discharge detection will be utilized for our Field and Facilities staff members. They will record any pollution related issues in Lucity as part of the resource management tracking. Work orders for any corrective maintenance actions will be made through that same software.

D. MCM-1: PUBLIC EDUCATION AND OUTREACH (6.4.1 and 8.1.2)					
D-1 Provide a Summary of Public Education and Outreach BMPs in the Table Following Table					
Best Management Practice	**Measurable Goal (how is progress being measured)**	**Theme or Message**	**Target Audience**	**Final Measure of Assessment (5.1.e.3)**	**Summary of Results and Effectiveness (8.1.2)**
Explore Partnership Opportunities	Record number of yearly outreach efforts and results. (1 per year minimum)	Pollution Prevention	Local stakeholder groups: schools, NGOs, Yavapai County, ADEQ	Four coordination meetings, five outreach efforts, one ongoing project, and one planned project. Met with Prescott Creeks, Prescott College and ADEQ to coordinate and standardize analytical monitoring of Green Infrastructure. Initial meetings with Prescott Creeks and Citizens Water Advisory Group to broaden public involvement via citizen science. Meeting with Yavapai County to coordinate dog waste dispenser campaign at local veterinarian clinics. Additional individual outreach overtures were made to Yavapai County (Septic issues), Yavapai College (Stormwater), Prescott College (Stormwater) and Embry Riddle Aeronautical University (Stormwater).	Meetings with Prescott College, Prescott Creeks and ADEQ provided a standardized and coordinated effort for this winter wet season to quantify benefits of green infrastructure. Meeting with the County provided the framework for a Pet Waste Campaign targeting local veterinarian clinics. Meetings with partners regarding their interest in participating in Citizen Science will tie directly into new efforts ADEQ is putting forward using Smartphone Apps.

Municipal Website Information	City stormwater website updated to provide 2016 MS4 NOI, Permit, and SWMP documents as well as FAQ and BMP sheets	Pollution Prevention	City of Prescott residents	Updated Website (100%) http://www.prescott-az.gov/services/engineering/storm.php	City website was updated on 4/25/16. Since that time there have been 207 page views with 167 of those being unique page views (website analytic page attached).
Outreach to Homeowners/ Residents	Record number of outreach efforts. (1 per year minimum)	Pollution Prevention	Homeowners & Residents	Staff was present at 5 events, either staffing tables or making presentations. These events included: • Yavapai Contractors Association Home & Garden Show (~70 personal contacts) • Citizens Water Advisory Group, Water smart landscapes Presentation (43 people in attendance, 181 video viewings) • Earth Day (50+ personal contacts) • The Highlands Center Native Plant Sale (440 people over 2 days). • Prescott College/ UofA Water lab Stormwater Discussion (19 students)	Approximately 803 direct contacts were made to engage area residents in a variety of pollution prevention methods including pet waste, water smart landscapes, and rainwater harvesting, and illicit discharge reporting. While measures of effectiveness can be elusive for outreach efforts the City did provide rainwater harvesting rebates to 73 residents. This rebate rate has increased since the conclusion of FY17 due to these and other outreach efforts.

Outreach to Businesses	Record number of outreach efforts. (1 per year minimum)	IDDE	Business Owners and operators	Contacted 6 businesses to outreach and education to inform them of Illicit Discharges and how to prevent and report them.	In all cases corrective actions were taken and there has not been a recurrence of the discharges. These were all reactive instances and to maximize effectiveness we'll need to be proactive and scale up the number of businesses contacted.

D-2. DESCRIPTION OF CHANGES IN IDENTIFIED BMPS OR MEASUREABLE GOALS (8.1.3 and 8.4(l)

Have there been any modifications to BMPs during this reporting period: ☑ Yes ☐ No.

If yes, provide a brief explanation of each modification below (Add Rows as Necessary).

ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
☐ **Yes**	Outreach to Homeowners modified to Outreach to Residents	Initial audience was too exclusive.	Broadens outreach to include pet owners, students, and other demographic groups.

D-3. PUBLIC EDUCATION AND OUTREACH (6.4.1)
Provide a summary of activities planned for the next reporting period in the following table

Best Management Practice	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Explore Partnership Opportunities	Record number of yearly outreach efforts and results. (1 per year minimum)	Continued partnership with Prescott Creeks on their WQIG funded project for a public bathroom on Miller Creek. Reconvene Watershed Improvement Council. Identify and meet with at least one new group (i.e. NGO, HOA, school, etc.) to explore mutual interests and opportunities.	Permitting in Fall/Winter Outreach Winter/Spring Winter/Spring: meeting to determine interest and direction. Winter
Municipal Website Information	City stormwater website updated to provide 2016 MS4 NOI, Permit, and SWMP documents as well as FAQ and BMP sheets	Update existing website to ensure viable links to referenced documents. Add training slideshows for General Stormwater and Illicit Discharge Detectionsubject matter. A new City website is anticipated to be published in December, make sure all content carries over and that Illicit Discharge reporting works.	Quarterly Winter December
Outreach to Homeowners/ Residents	Record number of yearly outreach efforts and results. (1 per year minimum)	Conduct outreach presentations (2 or more) about green infrastructure benefits to raise community awareness and support for it.	Winter/Spring

Outreach to Businesses	Record number of yearly outreach efforts and results. (1 per year minimum)	Seasonally target business sectors with informational brochure mailings.	Winter: Capet Cleaning & Upholstery Cleaning Industry, Food Service Industry. Spring: Hospitality Industry, Auto Care & Maintenance Industry.

E. MCM-2: PUBLIC INVOLVEMENT AND PARTICIPATION (6.4.2 and 8.1.2)

E-1. Provide a Summary of Public Involvement and Participation BMPs Implemented During the Reporting Period in the Following Table

Best Management Practice	Measurable Goal (steps to measure progress)	Theme or Message	Target Audience	Percent of Target Audience Reached	Summary of Results and Effectiveness (8.1.2)
Implement Public Notice	Document Public Notice Efforts (1per SWMP update)	Pollution Prevention	Prescott Residents	Unknown	The revision of the City's SWMP was publicized in two City Council Presentations Dec 2016 and July 2017 (was bumped from June to July due to council schedule conflicts). No feedback was garnered from the public as a result.
Stormwater Volunteer Opportunities	Identify opportunities for volunteers to participate in stormwater quality activities. (1 per year minimum)	IDDE	Potential Volunteers	Interested Students and retirees.	Public presentations to student audiences, primarily Prescott College students, and Citizens Water Advisory Group established that there is a significant pool of potential volunteers. Developing the resources and capacity to harness them remains the limiting factor.

Procedure for Receiving and Reviewing Public Comment	Document number of telephone and website complaints regarding stormwater related issues and resolution.	IDDE	Prescott Residents		No complaints/comments were received via the website. Most stormwater related calls were construction related and dealt with by inspector or illicit discharge in which case Matt Killeen addressed it. Better tracking is in order.

E-2. Description of Changes to BMPs and Measurable Goals (8.1.3 and 8.4(l))

a) Have there been any modifications to BMPs during this reporting period: ☐ Yes ☑ No.
If yes, complete Section b, below (Add Rows as Necessary).

b) Summary of BMP Modifications

ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
☐ Yes			
☐ Yes			
☐ Yes			
☐ Yes			

E-3. PUBLIC EDUCATION AND OUTREACH (6.4.1) Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	**Measurable Goal (steps to measure progress)**	**Summary of Planned Activities**	**Proposed Schedule**
Implement Public Notice	Document Public Notice Efforts (1per SWMP update)	Update website to include FY17 Annual Report. Seek out public participation through media outreach and an online survey to identify areas of interest and preferred feedback (mtg, email, phone call, etc)	Winter Spring
Stormwater Volunteer Opportunities	Identify opportunities for volunteers to participate in stormwater activities. (1 per year minimum)	Explore reporting means to allow volunteers to report on pet waste, illicit discharges, or conduct dry weather screenings. Either via new website or other platform (such as ADEQ's AZ Water Watch)	December - June
Procedure for Receiving and Reviewing Public Comment	Document number of telephone and website complaints regarding stormwater related issues and resolution.	When the City's new website is published verify web and telephone reporting methods properly route stormwater related issues.	December

F. MCM-3: ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM (6.4.3 and 8.1.2)

F-1. Provide a Summary of Illicit Discharge Detection and Elimination BMPs Implemented During the Reporting Period in the Following Table

Best Management Practice	Measurable Goal (steps to measure progress)	Completed (Yes or No)	Date of Implementation	Percent of Target Audience Reached	Summary of Results and Effectiveness (8.1.2)
Eliminating Illicit Discharges	Record number of illicit discharge reports and outcome of each illicit discharge.	Yes	July 1 2016	All Illicit Discharge complaints were field verified by City staff within 24 of receiving them.	22 Illicit Discharge complaints received by telephone. All of them resolved by Environmental coordinator or PW inspectors. Increased training of City staff will reduce response time and improve detection.
Dry Weather Screening	20% of known outfalls per year.	Yes	July 1 2016	105% of goal reached. 284 total outfalls. 20% = 57 outfalls. 60 Outfalls monitored	Dry weather screening occurred concurrently with stormdrain mapping to better inform our GIS database. Outfalls with nearly perennial discharges associated with groundwater or sump pumps underwent analytical testing for *E. coli*, all 5 met applicable SWQS.
Wet Weather Monitoring	2 inspections per outfall per (water body) each wet season	Yes	September 1, 2016	21 Analytical/Wet Weather	Wet Weather monitoring and Analytical Monitoring data sheets are the same.
Unpermitted Discharges	City will record number of licenses verified and report number of unpermitted businesses and construction sites found.	No	October 2017	50% of businesses City licensed (estimated) yet to be checked for appropriate permitting.	The City's business license registration is new in fiscal year 17 and only 50% of businesses are estimated to currently be enrolled. 4 Construction sites were found to be operating without permits, all of which were below the 1 acre threshold for CGP.

Staff Training	City will record number of employees who received IDDE training each year.	No	October 2017	5%	After the March 2017 submittal of NOI and SWMP the need to modernize training materials was realized. Three new training programs were created (attached digitally) focusing on IDDE, General Stormwater, and Construction BMPs these Training slideshows (attached) were finalized in the first week of June, 2017. Only Public Works Construction Inspectors received training, 7 inspectors.

F-2. DESCRIPTION OF CHANGES IN IDENTIFIED BMPS OR MEASUREABLE GOALS (8.1.3 and 8.4(l))
BMP modifications: ☑ Yes ☐ No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).

ADEQ Directed (8.1.4)	BMP Modified	Analysis of Why BMP Was Ineffective or Infeasible	Analysis of Why BMP is Expected to Achieve Goals
☐ Yes	Wet Weather Monitoring	Vague and non-specific language	2 Wet weather inspections per waterbody is more specific. May be done concurrently with analytical monitoring and share singular data sheet.
☐ Yes			
☐ Yes			

F-3. IDDE Staff Training (6.4.3.10)

Frequency of Training	Date of Training Event	Training Subject	Number of Employees Trained
EXAMPLE Semi-annually	*October 15, 2017*	*Learning how to recognize an illicit discharge as part of routine job duties*	*15*
Semi-annually	December 8, 2016	Illicit Discharge Detection	7
Semi-annually	June 1, 2017	Construction ESC BMPs	7

F-4. Illicit Discharge Identification and Response (6.4.3.5)

Date of Discovery	Method of Discovery	Type of Pollutants	Source	Estimated Duration of Illicit Discharge	Estimated Quantity	Date of Elimination	Escalated Enforcement Action Required?
8/18/2016	Complaint-phone call	Grease	Restaurant	1 time	~5 Gallons	8/18/2016	No, voluntary compliance from restaurant and grease collector.
7/19/2016	Inspector Identified	Landscape materials	Landscape trailer	1 time	2 cubic yards	7/20/2016	No, voluntary compliance
8/2/2016	Complaint-phone call	sediment	Residential yard	1 time, storm related	~1 cubic yard	8/3/2016	Voluntary compliance
2/13/2017	Complaint-	Sewage tainted crawlspace	Residence	3 occasions	unknown	2/13/2017	Voluntary compliance

	phone call	pumping					
12/29/2016	Inspector Identified	Sediment laden runoff	Lumberyard	2 rainfall/runoff events	unknown	12/29/2016	Voluntary Compliance
12/22/2016	Complaint – Phone call	Landcape material in ROW	Landscaper	Present 1 day	5 cubic yards	12/23/2016	Voluntary Compliance
9/13/2016	Complaint – Phone Call	Sediment in ROW	Private residence	2days	Not documented	9/15/2016	Voluntary Compliance
9/8/2016	Complaint – Phone Call	Sediment in ROW	Business	unknown	Not documented	9/10/2016	Voluntary Compliance
8/9/2016	Inspector Identified	Concrete Washout dumping	Concrete hauler	1 time	1 cubic yard	8/16/2016	No enforcement, unknown violator.
8/18/2016	Streets staff ID'ed	Sediment	Residential lots	Several run off episodes	~2 cubic yards	8/25/2016	Voluntary owner compliance
9/23/2016	Complaint-phone call	sediment	Car Wash	2 times	1 cubic yard	9/30/2016	Voluntary compliance
6/5/2017	Complaint-Phone call	Concrete dust	residence	1 time	1 driveway refinished	6/7/2017	Voluntary compliance and City street sweeper
9/28/2016	Building Department ID	Sewage from broken service line in Aspen Creek	residence	unknown	unknown	9/29/16	Voluntary compliance
9/14/2016	Complaint-Phone call	sewage	residence	unknown	unknown	9/28/16	Voluntary compliance
11/30/2016	Complaint-	Grey water	business	Multiple	unknown	12/5/2016	Voluntary Compliance

	phone call			occurrences			
3/29/17	Complaint – phone call	Oil	Construction vehicle	1 time	1 dump trucks oil supply	3/30/17	Yes, legal department recovered clean up costs associated with spill from the construction company.
4/18/2017	Complaint – Phone call	Grey water	residence	Multiple occasions	unknown	4/25/17	Voluntary Compliance

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F-5. Unpermitted Discharges to MS4 (6.4.3.11)

Facility Name	Type of Activity	SIC Code	AZPDES Permit Number (if known)
EXAMPLE – ACME Foundry	*Anvil Manufacturing*	*1234*	*N/A*
None discovered/investigated			

F-6. Illicit Discharge Detection and Elimination Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	**Measurable Goal (steps to measure progress)**	**Summary of Planned Activities**	**Proposed Schedule**
Eliminating Illicit Discharges	Record number of illicit discharge reports and outcome of each illicit discharge.	Document all illicit discharge reports, response times, details, and enforcement actions.	Throughout the year.
Dry Weather Screening	20% of known outfalls per year.	Integrate Dry Weather screening into new Lucity resource tracking software. Utilize dry weather monitoring to field truth newly listed waterbodies' MS4 interface.	Throughout the year.
Wet Weather Monitoring	2 inspections per outfall per (water body) each wet season.	Pair with analytical monitoring where required.	Winter Wet and Summer Wet Seasons
Unpermitted Discharges	City will record number of licenses verified and report number of unpermitted businesses and construction sites found.	Review SIC codes for businesses requiring other permitting cross reference that to the City of Prescott business license registry and/or other businesses encountered	Throughout the year.
Staff Training	City will record number of employees who received IDDE training each year.	From the three training modules (General stormwater, Illicit Discharge Detection, and Construction Site BMPS) select appropriate material for the audience. Provide training as necessary to reach staff in identified departments.	Fall: PW receptionists, permit desk staff Fall/Winter: Public Works staff Spring: Recreation Staff TBD: First responders (fire and police depts..)

G.	MCM-4: CONSTRUCTION ACTIVITY STORMWATER RUNOFF CONTROL (6.4.4 and 8.1.2)			
G-1.	**Provide a Summary of Construction Activity Stormwater Runoff Control BMPs Implemented During the Reporting Period in the Following Table**			
Best Management Practices	**Measurable Goal**	**Date BMP was Implemented**	**Implementation Status (percent complete, date complete, on-going)**	**Summary of Results and Effectiveness (8.1.2)**
Construction Inventory	Active construction sites will be available in a searchable inventory. Number of active sites each year will be recorded in annual report.	July 1, 2016	100% complete	All construction activity requiring a permit is recorded in TrackIt software currently. Transitioning to Accela software in December 2017.
Site Plan Review	City will record number of plans reviewed, inspections conducted and enforcement actions taken.	July 1, 2017	Ongoing	146 site plan reviews were conducted by Matt Killeen to ensure that appropriate erosion and sediment controls were in place and that appropriate ADEQ Construction General Permitting was in place.
Operator Education/ Public Involvement	City will record number of Operators who received stormwater training each year.	January 2017	Ongoing	Public works department conducted a Lunch n Learn series. One episode focused or Erosion & Sediment Control (see http://www.prescott-az.gov/services/engineering/) Approximately 45 contractors present in person; video has garnered another 43 views.

Staff Training	City will record number of employees who received construction stormwater inspection training (staff will be trained once per year)	December 2016	Public Works construction inspectors (x7) trained. These inspectors deal with all commercial, capital, and 1+Acre plus construction.	Public works inspectors were trained once and follow up took place at end of fiscal year (06/01/2017). Additional training took place on an individual level when requested by inspector. As previously mentioned Training materials were developed and delivered in June 2016.

G-2.	**Description of Changes in BMPs and Measurable Goals (8.1.3 and 8.4(l))**		
BMP modifications: ☐ Yes ☑ No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).			
ADEQ Directed (8.1.4)	**BMP Modified**	**Analysis of Why BMP Was Ineffective or Infeasible**	**Analysis of Why BMP is Expected to Achieve Goals**
☐ **Yes**			
☐ **Yes**			
☐ **Yes**			

G-3. Construction Activity Complaints (6.4.4.5 and 8.4(i))	
Number of Complaints Received	**Number of Complaint Responses/Resolved**
Unknown (see note below)	Unknown

Complaints regarding construction site erosion or illicit discharge issues are not independently documented in a searchable manner. Complaints are referred directly to the assigned inspector. It is the inspectors' responsibility to address that issue through documented inspections or verbal coordination with the contractor depending on the merit of the complaint. The digitally attached *ESC Inspection Results* provides details of all Erosion And Sediment Control Inspections carried out in FY17.

G-4. Construction Activity Inspections			
Number of Active Construction Sites	**Number of Active Construction Sites Inspected**	**Number of Re-Inspections**	**Average Inspection Frequency**
For FY17 40 permits that are active, not expired or finaled (see *FY_17 Active Permits*).	All of them	Unable to search the utilizing our TrackIt	See note below.
Number of Violation		**Number of Enforcement Actions**	
Unknown (see note below)		See note below.	

The City's current inspection tracking software, TrackIt, does not provide a searchable option for failed Erosion & Sediment Control Inspections but rather a summary (attached digitally as, *ESC Inspection Results* (113pgs). In the event of a failed ESC inspection all other inspections are withheld until the ESC BMPs pass inspection, this has proven to be the most effective and expeditious means of passing inspections.

The attached document, *FY17_permits issues by subtype*, provides additional information on the breakdown of permit types issued by the City in FY17.

G-5. Construction Activity Stormwater Runoff Control Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	**Measurable Goal (steps to measure progress)**	**Summary of Planned Activities**	**Proposed Schedule**
Construction Inventory	Active construction sites will be available in a searchable inventory. Number of active sites each year will be recorded in annual report.	Construction site inventory and inspection tracking software are transitioning from TrackIt to Accela in December 2017 to January 2018. Identify means to quantify Active sites and inspection frequency.	Accela comes online in December 11th, 2017.
Site Plan Review	City will record number of plans reviewed, inspections conducted and enforcement actions taken.	Site Plan Review transitioning from TrackIt to Accela in December 2017 to January 2018. Identify means to quantify plan reviews, inspections, and enforcement.	Accela comes online in December 11th, 2017.
Operator Education/ Public Involvement	City will record number of Operators who received stormwater training each year.	Coordinate with Yavapai County Contractors Association (YCCA) to identify outreach opportunities.	Initial outreach to YCCA in January. Spring/summer outreach at YCCA home and Garden Show or appropriate venue.
Staff Training	City will record number of employees who received construction stormwater inspection training (staff will be trained once per year)	Train Public Works construction inspectors semi-annually. Train building department inspectors annually.	New PW inspectors currently being hired training to take place in Dec/Jan. Spring

H.	MCM-5: POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT (6.4.5 and 8.1.2)			
H-1.	**Provide a Summary of Post-Construction Activity Stormwater Runoff Control BMPs Implemented During the Reporting Period in the Following Table**			
BMP	**Measurable Goal (steps to measure progress)**	**Completed (Yes or No)**	**Cite Local Code(s) Being Used (If available, web link for code(s))**	**Summary of Results and Effectiveness (8.1.2)**
Stormwater Control Inventory	City will record number of new entries to inventory each year. Five for the reporting year.	Yes	Prescott City Code Chapter 16-6: http://www.codepublishing.com/AZ/Prescott/ City of Prescott General Engineering Standards Article 3.10: http://www.codepublishing.com/AZ/Prescott/	Stormwater Control inventory is being initially identified through plan review. The current tracking software utilized for this was cumbersome and inefficient but functional.
Enforcement Procedures	City will review enforcement procedures annually.	Yes	Prescott City Code Chapter 16-6: http://www.codepublishing.com/AZ/Prescott/ City of Prescott General Engineering Standards Article 3.10: http://www.codepublishing.com/AZ/Prescott/	Enforcement heavily relied on voluntary compliance. Legal department has voiced departmental support and capacity for escalated enforcement, should it be needed.
Site Plan Review Procedures	City will record number of plans reviewed each year	Yes	All site plans requiring post construction BMPs were reviewed by Matt Killeen	146 site plan reviews were conducted by Matt Killeen to
Staff Training	City will record number of employees who received post construction stormwater inspection training.	No	NA	Due to staff capacity and turnover Matt Killeen was the only person to conduct post construction inspections.

Inspections	City will record the number of inspections conducted.	Yes	Prescott City Code Chapter 16-6: http://www.codepublishing.com/AZ/Prescott/ City of Prescott General Engineering Standards Article 3.10: http://www.codepublishing.com/AZ/Prescott/	

H-2. Post-Construction Management in New Development and Redevelopment (8.4(j))	
Number of Sites Requiring Post-Construction Controls	**Number of Post-Construction Stormwater Controls Inspected**
44 in total, 5 for FY17	5 (*Post Construction BMP Insp* report attached) Occurred in May/June 2016
Number of Post-Construction Stormwater Control Violations	**Number of Post-Construction Stormwater Control Violations Resolved**
3	1

H-3. Description of Changes in BMPs or Measurable Goals (8.1.3 and 8.4(l))			
BMP modifications: ☐ Yes ☑ No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).			
ADEQ Directed (8.1.4)	**BMP Modified**	**Analysis of Why BMP Was Ineffective or Infeasible**	**Analysis of Why BMP is Expected to Achieve Goals**
☐ Yes			

☐ Yes			

H-4. Post-Construction Stormwater Management in New Development and Redevelopment (6.4.1)
Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table

Best Management Practices	Measurable Goal (steps to measure progress)	Summary of Planned Activities	Proposed Schedule
Stormwater Control Inventory	City will record number of new entries to inventory each year.	Integrate post-construction BMPs into new resource tracking software (Lucity). Maintain an inventory spreadsheet with inspection dates and status.	Beginning January 2018, up to date by end of FY18. December
Enforcement Procedures	City will review enforcement procedures annually.	Review with City legal department to streamline enforcement procedures.	Winter
Site Plan Review Procedures	City will record number of plans reviewed each year	Review site plans as they come in. Review Site plan checklist to make sure it is current.	Throughout the year. Summer
Staff Training	City will record number of employees who received post construction stormwater inspection training.	Identify existing or new staff that have capacity to conduct inspections. Train staff and follow up after inspections have occurred.	Winter Winter/Spring
Inspections	City will record the number of inspections conducted.	Conduct inspections throughout the year. Explore new software (Lucity) ability to streamline inspections and reporting.	Throughout the year. Spring

Green Infrastructure	City will record GI incorporated into capital improvement projects.	Identify constructed, in design, and in-queue projects that feature green infrastructure and or have stormwater quality components or implications.	Report end of fiscal year. Current list is attached digitally as *Stormwater Improvement Related projects.doc*

I. POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS (6.4.6)			
I-1. Summary of Pollution Prevention and Good Housekeeping BMPs in the Following Table			
Facility Name (Group Facilities as Appropriate)	**Best Management Practices**	**Measurable Goal (steps to measure progress)**	**Summary of Results and Effectiveness (8.1.2)**
Fleet Services, Public Works, and Maintenance Facility.	**Inspections**	Inspected quarterly.	Fleet Services continues to conduct quarterly inspections as they did when they operated under a MSGP permit. Weekly street sweepings also take place.
Public Safety Facilities	**Inspections**	Annual Inspections	As Identified in the NOI this was set to commence on 10/17. It has not yet happened.
Administrative Facilities	**Inspections**	Inspect 20% of facilities annually	As Identified in the NOI this was set to commence on 10/17. It has not yet happened.
Fleet Services	**Cleaning Inlets/ Basins**	Inlet filters at three locations are inspected and maintained as needed, ≥2x/year	Ongoing and effective. Due to organic leaf material maintenance schedule may need to be increased. Hydrocarbon absorbents need to be replaced.

I-2.	Description of Changes in BMPs and Measurable Goals (8.1.3 and 8.4(l))		
BMP modifications: ☑ Yes ☐ No. If yes, provide a brief explanation of each modification below (Add Rows as Necessary).			
ADEQ Directed (8.1.4)	**BMP Modified**	**Analysis of Why BMP Was Ineffective or Infeasible**	**Analysis of Why BMP is Expected to Achieve Goals**
☐ Yes	Green Infrastructure added		Green infrastructure associated with capital projects has broad city-wide impacts on pollutants at a larger scale. Documenting these costly efforts is worthwhile.
☐ Yes			
☐ Yes			

I-3. Updates to Operation and Maintenance Programs (6.4.6 (a-g))
None yet identified.

I-4. Pollution Prevention and Good Housekeeping for Municipal Operations Provide a Summary of Activities Planned for the Next Reporting Period in the Following Table			
Best Management Practices	**Measurable Goal (steps to measure progress)**	**Summary of Planned Activities**	**Proposed Schedule**
Municipal Facility Inventory & Prioritization	City will keep facility inspection reports on file	Inspect per prioritization schedule (annually, quarterly, etc.)	As noted in the NOI these inspections will start 10/17.
Operations, Inspection and Maintenance	City will report maintenance activities each year.	Report maintenance activities for street sweeping, vehicle inspections.	Update information on a semi-annual basis, mid-FY (Dec) and end of FY (Jun)
Implement Controls	Review in place pollution prevention controls each year	Review in place pollution prevention controls and document review. Record number of public basins that are maintained each year.	Coordinate with Streets Drainage crew to identify timing of basin cleanings
Staff Training	City will record number of employees who received training.	Stormwater Awareness will be couples with Illicit Discharge Trainings	

G. Receiving Waters and Monitoring (7.0)					
Name of Receiving Water Included in Appendix B	**Number of Outfalls**	**Receiving Water Listed as Impaired, Not-Attaining and/or OAW**	**Listed Pollutants**	**TMDL**	**Analytical Monitoring Conducted this Reporting Year?**
Watson Lake	13	Not Attaining	Dissolved Oxygen, pH, Nitrates	☑ Yes ☐ No	☑ Yes ☐ No
Willow Lake	6	Impaired	Ammonia	☐ Yes ☑ No	☐ Yes ☑ No
Granite Creek	70	Not-Attaining, Impaired	*E coli,* Dissolved Oxygen	☑ Yes ☐ No	☑ Yes ☐ No
Miller Creek	24	Not Attaining	*E coli*	☑ Yes ☐ No	☑ Yes ☐ No
Butte Creek	25	Not Attaining	*E coli*	☑ Yes ☐ No	☑ Yes ☐ No
Manzanita Creek	2	Not Attaining	*E coli*	☑ Yes ☐ No	☑ Yes ☐ No
Aspen Creek	16	Not Attaining	*E coli*	☑ Yes ☐ No	☑ Yes ☐ No
Virginia Street Wash	31	Not Attaining	*E coli*	☑ Yes ☐ No	☑ Yes ☐ No
Yavapai College Wash	15	Not Attaining	*E coli*	☑ Yes ☐ No	☑ Yes ☐ No
Banning Creek	0	Not Attaining	*E coli*	☑ Yes ☐ No	☐ Yes ☑ No
Government Canyon	1 (?, needs verification)	Not Attaining	*E coli*	☑ Yes ☐ No	☐ Yes ☑ No
North Fork of Miller Creek	8	Not Attaining	*E coli*	☑ Yes ☐ No	☐ Yes ☑ No

North Fork of Granite Creek	9	Not Attaining	*E coli*	☑ Yes ☐ No	☑ Yes ☐ No
Slaughterhouse Gulch	9	Not Attaining	*E coli*	☑ Yes ☐ No	☐ Yes ☑ No

Receiving Water	How many outfalls will be sampled?	List parameter(s) to be analyzed	Provide a description of selected BMPs and how they will specifically address the pollutant(s) causing the impairments or how the BMPS will be protective of the OAW
Watson Lake	≥2	Dissolved Oxygen, pH, Nitrates	Lake modeling and management plan in process with Amec Foster Wheeler.
Willow Lake	≥2	Ammonia	Illicit discharge detection for golf courses, related to fertilizers and effluent water usage.
Granite Creek	≥2	*E coli,* Dissolved Oxygen	Sewer line modernization, street sweeping,
Miller Creek	≥2	*E coli*	Sewer line modernization, street sweeping, manure management, green infrastructure
Butte Creek	≥2	*E coli*	Pet waste, street sweeping.
Manzanita Creek	≥1	*E coli*	Street sweeping (limited MS4 interface)
Aspen Creek	≥2	*E coli*	Street sweeping
Virginia Street Wash	≥2	*E coli*	Green Infrastructure, Acker Park detention basin.
Yavapai College Wash	≥2	*E coli*	Street sweeping, pet waste dispensers, green infrastructure detention basin in design.
Banning Creek	≤1	*E coli*	Pet waste control, limited MS4 involvement/private streets

Government Canyon	1	*E coli*	Illicit discharge detection/limited municipal outfalls/streets
North Fork of Miller Creek	≥2	*E coli*	Street sweeping
North Fork of Granite Creek	≥2	*E coli*	Street sweeping,
Slaughterhouse Gulch	0	*E coli*	Dry Weather Screenings, limited MS4 involvement/non municipal streets

Certification

The annual report must be signed by either a principal executive officer or ranking elected official, or by a duly authorized representative (refer to Permit Part 9.9(a)).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Craig Dotseth

Signature

11-28-2017

Date (mm/dd/yyyy)

Craig Dotseth

Name (printed)

Interim Public Works Director

Title