



TOWN OF QUEEN CREEK

EPA CLEAN WATER ACT STORMWATER PROGRAM

Troy White, Public Works Director

Town Council 9.5.18

EPA CLEAN WATER ACT STORMWATER PROGRAM

Definition:

National Pollution Discharge Elimination System (NPDES) permit coverage to address stormwater runoff for operators of small MS4s (Municipal Separate Storm Sewer Systems) – “Urbanized Areas” of at least 10,000 people.



PHASE II MS4 PERMIT FOR THE TOWN OF QUEEN CREEK

Brief History:

- July 2013 – Queen Creek First Notified by ADEQ on New Permit
- September 30, 2016 – ADEQ releases FINAL Permit
- Notice of Intent - March, 2017
- Plan and Permit – September 30, 2017
- Plan included the approval of the Stormwater Ordinance by September 30, 2018.

Council Briefed on all items above



ORDINANCE

- The Town is required by ADEQ to adopt and implement ordinance(s) or other regulatory mechanism(s) that provide adequate enforcement procedures that satisfy the requirements of the AZPDES permit to control pollutant discharges into our MS4.





STORMWATER MANAGEMENT PROGRAM (SWMP)

Six Minimum Control Measures (MCMs):

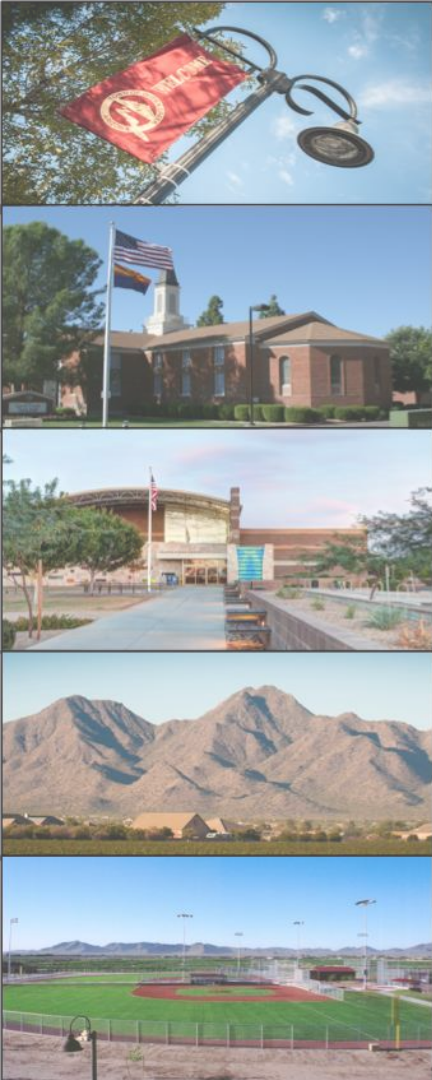
1. Public Education and Outreach
2. Public Participation / Involvement
3. Illicit Discharge Detection and Elimination (IDDE)
4. Construction Site Runoff Control
5. Post-construction Runoff Control
6. Pollution Prevention / Good Housekeeping

ORIGINAL ESTIMATE FOR PERMIT COMPLIANCE

Permit Section	Compliance Requirement	Year 1	Five-year Total*
6.4.1	MCM-1 - Public Education & Outreach	\$40,820	\$214,563
6.4.2	MCM-2 - Public Involvement and Participation	\$40,820	\$214,563
6.4.3	MCM-3 - Illicit Discharge Detection and Elimination	\$108,564	\$485,523
6.4.4	MCM-4 - Construction Activity Storm Water Runoff Control	\$108,564	\$485,523
6.4.5	MCM-5 - Post-Construction Storm Water Management	\$107,097	\$562,938
6.4.6	MCM-6 - Pollution Prevention and Good Housekeeping	\$24,400	\$66,963
	Other	\$44,785	\$136,380
	TOTAL:	\$475,051	\$2,166,453



BUDGET ESTIMATES FOR PERMIT COMPLIANCE



Permit Section	Compliance Requirement	Year 1	Five-year Total
6.4.1	MCM-1 - Public Education and Outreach	\$9,625	\$51,208
6.4.2	MCM-2 - Public Involvement and Participation	\$8,125	\$42,708
6.4.3	MCM-3 - Illicit Discharge Detection and Elimination (IDDE) Program	\$33,267	\$132,301
6.4.4	MCM-4 - Construction Activity Stormwater Runoff Control	\$21,883	\$149,077
6.4.5	MCM-5 - Post-Construction Stormwater Management	\$32,476	\$128,141
6.4.6	MCM-6 - Pollution Prevention and Good Housekeeping	\$10,000	\$52,563
	Other	\$58,843	\$220,876
	Total	\$174,219	\$776,874

Staff Recommendation

Move to approve Ordinance 675-18, Section 10-10; an amendment to Chapter 10: Health and Sanitation, of the Town Code, to include Stormwater Management.

