



Maricopa County Environmental Services Department



2019 Stormwater Annual Stakeholders Meeting

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Maricopa County Environmental Services Department

**Working with our community
to ensure a safe and healthy environment**

VISION STATEMENT

As the recognized regional environmental leader, we will develop and foster innovative environmental health protection programs for the safety of our residents and their environment.

MISSION STATEMENT

The mission of the Environmental Services Department is to provide safe food, water, waste disposal and vector borne disease reduction controls to the people of Maricopa County so that they may enjoy living in a healthy and safe community.

Minimum Control Measures

- ▶ MCM 1 – Public Education and Outreach
- ▶ MCM 2 – Public Involvement / Participation
- ▶ MCM 3 – Illicit Discharge Detection and Elimination
- ▶ MCM 4 – Construction Site Runoff Control
- ▶ MCM 5 – Post Construction Stormwater Management
- ▶ MCM 6 – Pollution Prevention / Good Housekeeping

MCM 1: Public Education and Outreach

Educational Materials Distributed - School Outreach Program - Public Outreach Events

- ▶ 590 printed educational materials and 2,761 promotional items with educational messages distributed
- ▶ 18,414 webpage views and 1,242 webpage downloads
- ▶ 6 public outreach events reaching over 648 people
- ▶ 90 school outreach programs provided in 15 schools in 10 cities reaching 2,170 students
- ▶ 213,700 ad views and 10,118 clicks from the ABC15 multimedia campaign through STORM – a not for profit 501 (c)(3)



STORM AZ Stormwater Outreach for Regional Municipalities
 Published by Christina Hoppes [?] · May 29 ·

Each year tons upon tons of trash, plastics, litter, sediment and other debris are removed from area storm drains. Be the solution to water pollution by putting trash where it belongs in the trash can not on the ground.
 #Bestormwatersmart #giveahootdontpollute #onlyraindownthestormdrain #keeparizonabeautiful #kazb

For more information visit <https://www.azstorm.org/stormwater-101/what-you-can-do>

Stormwater Maintenance Guide

STORM
 Only rain in the stormdrain
www.azstorm.org/about-us/members

PLAN Create and maintain an inventory and/or map of drainage structure locations.

- Check to see if your facility is subject to ADEQ's Multi Sector General Permits: www.azdes.gov/node/525
- Learn your city's requirements:
- Set aside funding and dates to:
 - Clean out catch basins and culverts.
 - Inspect drywells and remove debris as necessary.
 - Hire a street sweeper for parking lots.

DO

- STORE HAZARDOUS MATERIALS** and substances under cover and consider secondary containment devices to prevent a release onto/off the property.
- COLLECT TRASH** regularly to ensure it does not leave the site.
- CLEAN HARD SURFACES** Always sweep hard surfaces first. If washing the surface is necessary, remove trash, leaves and other debris first.

CHECK

After it rains (within 36 hours):

- Verify all drainage structures have drained and there are no mosquito larvae.
- Ensure that stormwater leaving your property is free of pollutants.
- Know whether stormwater stays on your site or flows into adjacent drainage structures.

Weekly WALK around facility to check that catch basins, scuppers, spillways and drywells are free of debris. Check parking lots for accumulated sediment, trash, or debris.

Monthly INSPECT dry waterways for excessive erosion, and overgrown vegetation that could prevent stormwater from flowing.

Annually HIRE a professional to inspect drywells and other drainage structures.



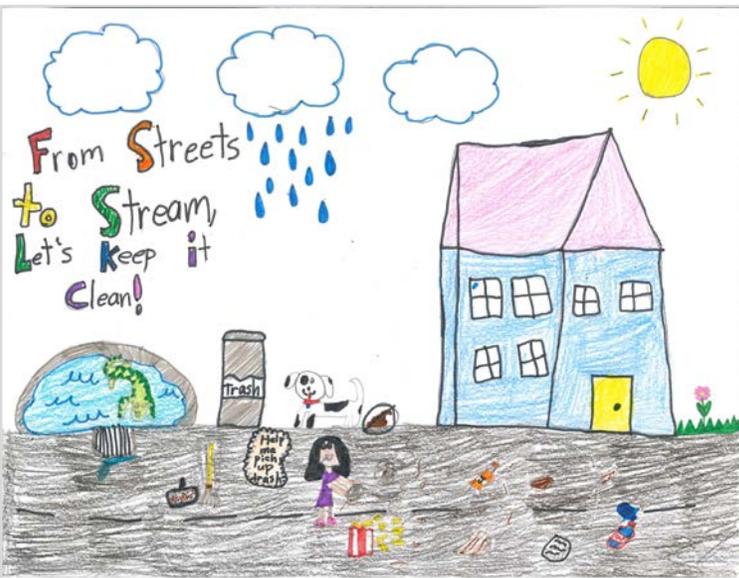
DISPOSE OF AUTO FLUIDS PROPERLY

DON'T ever pour these chemicals into our storm drains!

MCM 2: Public Involvement / Participation

Stakeholder Workshop - Poster Contest - Public Participation

- ▶ 211 students from 15 schools participated in the FY19 Poster Contest. This year's theme was "From Streets to Streams, Let's Keep It Clean"
- ▶ Maricopa County Department of Transportation Adopt-a-Road Program events disposed of two tons of trash from the efforts of 229 volunteers contributing 478 volunteer hours
- ▶ Maricopa County Parks and Recreation Department coordinated several shoreline cleanup events where 34 volunteers spent 68 hours cleaning up trash and debris
- ▶ May 2019, Stormwater annual stakeholders presentation for FY18 was provided online with 13 people viewing the presentation
- ▶ March 6th and April 9th, construction workshops were held in coordination with STORM with 110 people attending



Lake Pleasant Regional Park
 May 28 · 🌐

A big shout out to our team at Lake Pleasant Regional Park who will be spending their day picking up litter. This is just a SMALL sample of what was left behind this Memorial Day weekend. Please remember to pack out what you've packed into the park when you depart so we can continue to protect the natural resources for others to enjoy.

UPDATE: Thank you to ALL who have commented that you'd be interested in assisting us with clean-up efforts. We are bringing in extra manpower ...
 See More



ADOPT A ROAD

Available

KEEP MARICOPA COUNTY BEAUTIFUL




MCM 3: Illicit Discharge Detection and Elimination Workshops – Inspections - Letters of Violation - Complaints

- ▶ 495 employees from 10 different departments participated in seven online classes
- ▶ 125 employees received in-person workshops / training
- ▶ 62 dry weather outfall inspections were conducted
- ▶ 129 wet weather outfall inspections were conducted – 28 of these inspections were conducted at the 5 representative outfalls
- ▶ 1,579 MS4 structural inspections were conducted
- ▶ 376 total complaints were addressed (MCESD and MCDOT)
- ▶ 14 Letters of Violation were issued



MCM 4: Construction Site Runoff Control Plans - Inspections – Complaints - Letter of Violation

- ▶ 34 site plans were submitted and reviewed
- ▶ 30 pre-construction inspections and 95 routine construction inspections were conducted
- ▶ 16 complaint inspections and 14 letters of outstanding violation were generated for construction without a stormwater permit



MCM 5: Post Construction Stormwater Management Application – Inspections - Violations

- ▶ 19 post construction inspections were conducted
- ▶ 0 violations noted and 0 re-inspections were conducted
- ▶ No new post construction applications were received



MCM 6: Pollution Prevention / Good Housekeeping

Street Sweeping - Facility Inspections - Maintenance and Inspection

- ▶ 6,924 miles of street sweeping
- ▶ 54 priority facility inspections were conducted
- ▶ 200 non-priority facility inspections were conducted
- ▶ Equipment Services performed a total of 1,038 SWPPP inspections at their service facilities
- ▶ Waste Resources and Recycling performed 70 SWPPP inspection at the landfills and transfer stations
- ▶ 184 fulltime employees in the MCDOT Operations and Maintenance Division
- ▶ 63 fulltime employees in the FCD Operations and Maintenance Division





Questions?

Contact Information

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