Arizona Stormwater Summit

Date: Tuesday, May 3, 2016

Time: Details to Follow

Location: ADOT
1130 North 22nd Ave, Phoenix, 85009

Sessions:
- Construction and Industrial (A.M.)
- Municipal (P.M.)

Purpose: Provide stormwater resources for construction, industrial, and municipal stormwater programs

Who should attend: Professionals implementing stormwater permits including managers, consultants, inspectors & staff

Register: www.azstorm.org

Sponsored:
- Stormwater Outreach for Regional Municipalities
- Pima Association of Governments
- Stormwater Management Working Group

Lunch: Brown Bag lunch provided.
Housekeeping

• Please place all communications in stun mode (silent mode)
• We have a compost bin for all of your uneaten food waste
Storm Members

- Apache Junction
- Arizona Department of Transportation (ADOT)
- Avondale
- Buckeye
- Chandler
- El Mirage
- Flood Control District of Maricopa County
- Fountain Hills
- Gilbert
- Glendale
- Goodyear
- Guadalupe
- Litchfield Park
- Luke Air Force Base
- Maricopa County
- Mesa
- Paradise Valley
- Peoria
- Phoenix
- Pinal County
- Scottsdale
- Surprise
- Tempe
- Tolleson
- Youngtown
Background

• In 1987, Congress directed the Environmental Protection Agency (EPA) to develop a regulatory program to address stormwater pollution. In response, EPA issued regulations in 1990 authorizing the creation of a permitting approach under the National Pollutant Discharge Elimination System (NPDES). Specific polluting sources were targeted by the EPA in a two-phase approach (Phase I and Phase II).
Background (cont)

• Phase I of the U.S. Environmental Protection Agency’s (EPA) stormwater program was promulgated in 1990 under the CWA. Phase I relies on National Pollutant Discharge Elimination System (NPDES) permit coverage to address stormwater runoff from: (1) “medium” and “large” municipal separate storm sewer systems (MS4s) generally serving populations of 100,000 or greater, (2) construction activity disturbing 5 acres of land or greater, and (3) ten categories of industrial activity.
Local

• In December 2002, the State of Arizona's Department of Environmental Quality (ADEQ) took primacy of the NPDES program in Arizona (except for Indian Tribal lands) under the Arizona Discharge Elimination System (AZPDES) program.
STORM

• STormwater Outreach for Regional Municipalities, known as STORM, is a regional organization promoting stormwater quality education within the greater Phoenix metropolitan area. STORM was founded in 2002, in response to federal regulations requiring certain municipalities to implement measures to educate the public on ways to protect the quality of stormwater runoff.
Phase II Permits

• On December 19, 2002, the ADEQ issued its first permit for Phase II regulated operators. Permitting requirements were essentially the same as those defined under the EPA regulations and included:
Phase 2 Control Measures

• Public Education & Outreach
• Public Participation & Involvement
• Illicit Discharge Detection and Elimination
• Construction Site Runoff Control
• Post-Construction Runoff Control
• Pollution Prevention & Good Housekeeping for Municipal Operations
Phase I Permits

• **ADEQ Permit Requirements**
  • In 2009, the ADEQ began issuing stormwater permits to Phase I MS4 operators. Since these are issued as individual permits, the terms and conditions can vary from one permittee to another. In general, the ADEQ has imposed several more restrictive requirements on Phase I permittees than the federal program had required.
Phase 1 Measurable Goals

- PUBLIC EDUCATION/OUTREACH
- PUBLIC INVOLVEMENT
- ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)
- MUNICIPAL FACILITIES
- INDUSTRIAL SITES
- CONSTRUCTION SITES
# Agenda

**May 3, 2016**

ADOT Human Resources Development Center  
1130 N. 22nd Avenue, Phoenix, Arizona 85009

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker</th>
<th>Times</th>
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<tbody>
<tr>
<td>Registration</td>
<td></td>
<td>7:30 – 8:00</td>
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<tr>
<td>Welcome &amp; STORM overview</td>
<td>John Cummings</td>
<td>8:00 – 8:20</td>
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<td><strong>Segment 1 – Construction</strong></td>
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<tr>
<td>Introduction</td>
<td>Todd Williams</td>
<td>8:20 – 8:25</td>
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<td>SWPPP Content and Preparation</td>
<td>Kevin Boesch</td>
<td>8:25 – 8:55</td>
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<td>Inspections &amp; Enforcement</td>
<td>Kristie Chavero</td>
<td>8:55 – 9:25</td>
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<td>Panel</td>
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<td><strong>Break</strong></td>
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<td>9:45 – 10:00</td>
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<td><strong>Segment 2 – Industrial</strong></td>
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<tr>
<td>Welcome and Introduction</td>
<td>Justin Bern</td>
<td>10:00 – 10:05</td>
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<td>Overview of MSGP</td>
<td>Spencer York</td>
<td>10:05 – 10:35</td>
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<td>Monitoring &amp; Visual Assessments</td>
<td>Rebecca Syndor</td>
<td>10:35 – 11:05</td>
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<td>Panel</td>
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<td>11:05 – 11:25</td>
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<td><strong>Legislative Update</strong></td>
<td>Amanda Reeve</td>
<td>11:25-11:45</td>
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<td>Lunch</td>
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<td><strong>Segment 3 – Municipal</strong></td>
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<td>Welcome and Introduction</td>
<td>Ed Latimer</td>
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<td>LID Introduction</td>
<td>Marie Light</td>
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<td>LID Toolkit</td>
<td>Craig Coronato, Wayne Colebank, &amp; Bob Haneline</td>
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<td>LID Implementation</td>
<td>Megan Sheldon &amp; Angelica Guevara</td>
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<td>Steps to a Stormwater Utility</td>
<td>London Lacy</td>
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<td>Break</td>
<td>CCTV Demo</td>
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<td>IDDE Mapping and Tracking</td>
<td>John Cummings</td>
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<td>TMDL Compliance</td>
<td>Benjamin Burns</td>
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<td>Audits</td>
<td>Christopher Henninger</td>
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