

Contents:

Contacts – Starting on page 1

Resource Links - Starting on page 7

Contacts

Arizona Department of Environmental Quality

ADEQ Water Quality Permits Contacts:

<http://www.azdeq.gov/function/about/water.html#surface>

Stormwater Program – Water Permits Section / NOI or NOT

1110 W. Washington, 5415B-3

Phoenix, AZ 85007

<http://www.adeq.state.az.us/enviro/water/permits/stormwater.html>

Stormwater and General Permits Unit:

Christopher M. Henninger, Stormwater and General Permits; Technical Issues –

Construction, MS4, MSGP

Phone: (602) 771-4508

cph@azdeq.gov

Joanie M. Rhyner, Environmental Programs Specialist

Phone: (602) 771-7614

Fax: (602) 771-4528

Rhyner.Joanie@azdeq.gov

Lavinia Wright, De Minimus Discharges to Surface Waters

Phone: (602) 771-4585

wright.lavinia@azdeq.gov

ADEQ Southern Regional Office (SRO) Compliance Programs:

Roxanne Linsley, Environmental Programs Coordinator

Phone: (520) 628-6716

rjl@azdeq.gov

Arizona Department of Transportation

ADOT Stormwater Program

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/index.asp

ADOT Water Quality Group

http://www.azdot.gov/inside_adot/OES/Water_Quality/Index.asp

1611 W Jackson Street, EM04

Phoenix, Arizona 85007

Wendy Terlizzi, Water Quality Manager

wterlizzi@azdot.gov

Phone: (602) 712-8353

Leigh Waite, Water Quality Analyst

Phone: (602) 712-6170

lwaite@azdot.gov

City of Tucson

Stormwater Management Section:

201 N. Stone

Tucson, AZ 85701

<http://dot.tucsonaz.gov/stormwater/> and

<http://www.tucsonaz.gov/dsd/>

Phone: (520) 791-4251

Fax: (520) 791-4238

stormwater@tucsonaz.gov

Rainwater Harvesting-

Office of Conservation and Sustainable Development:

<http://cms3.tucsonaz.gov/ocsd/water-neighborhood>

For policy issues please contact

Katie Bolger, Tucson Council Ward 2

katie.bolger@tucsonaz.gov

City of South Tucson

1601 S Sixth Ave.

South Tucson, AZ 85713

Pima Association of Governments

Watershed Planning

177 N Church Ave., Suite 405

Tucson, AZ 85701

<http://www.pagnet.org/Default.aspx?tabid=941>

Phone: (520) 792-1093

Contact:

Claire Zucker, Sustainable Environments Program Director

czucker@pagnet.org

Mead Mier, Senior Watershed Planner, Stormwater Management Working Group
facilitator and Clean Water Starts With Me lead

mmier@pagnet.org

Pima County Dept of Environmental Quality
Stormwater Management Program
33 N. Stone Ave., Suite 700
Tucson, AZ 85701
<http://www.pima.gov/deq/water/stwmgmprog.html>
Marie Light, Principal Hydrologist
marie.light@deq.pima.gov

Pima County Regional Flood Control District
97 E. Congress Street
Tucson, AZ 85701
<http://rfcd.pima.gov>
Evan Canfield, Chief Hydrologist
evan.canfield@pima.gov

Pima County Department of Transportation
201 N. Stone Ave., 4th Floor
Tucson, AZ 85701
Phone: (520) 740-6410
Fax: (520) 620-1933

Ellen Barth Alster, Senior Landscape Architect/SWPPP Coordinator
Phone: (520) 740-6655
ellen.alster@dot.pima.gov
Gloria Browne, Environmental Compliance
gloria.browne@dot.pima.gov
Karla Wise, Environmental Officer
karla.wise@dot.pima.gov

Town of Marana
Environmental Engineering Division
11555 W Civic Center Dr.
Marana, AZ 85653
Phone: (520) 382-2600
Fax: (520) 382-2644
www.marana.com

Town of Marana Stormwater Program:
<http://www.marana.com/index.aspx?NID=194>
Jennifer Christelman, Manager, Environmental Engineering Division
jchristelman@marana.com
Paula Bluemer, Environmental Project Coordinator
pbluemer@marana.com

Town of Oro Valley
Storm Water Utility:
Fritz Laos, CFM
Civil Engineer/Hydrologist
11000 N La Canada Drive
Oro Valley, AZ 85737
Phone: (520) 229-4818
flaos@orovalleyaz.gov

Paul Jungen, P.E.
Stormwater Engineer
Development and Infrastructure Services
Phone: (520) 229-5044
Mobile: (520) 256-1165
pjungen@orovalleyaz.gov

Robert Wilson
Civil Engineering Tech/SWPPP Inspector
680 W. Calle Concordia
Oro Valley, AZ 85704
Phone: (520) 940-1938
rwilson@orovalleyaz.gov

Rainwater Harvesting-
Bayer Vella, AICP
Conservation Sustainability Manager
11000 N. La Canada Drive
Oro Valley, AZ 85737
Phone: (520) 229-4810
bvella@orovalleyaz.gov

U.S. Army Corps of Engineers
Los Angeles District Regulatory Home Page
www.spl.usace.army.mil/regulatory/

Marjorie Blaine, Senior Project Manager, Pima County
Phone: (520) 584-1684
Fax: (520) 584-1690
marjorie.e.blaine@usace.army.mil

Sallie McGuire, Chief, Arizona Branch
sallie.mcguire@usace.army.mil

U.S. Environmental Protection Agency - Region 9 Contacts

EPA Region 9 home page

<http://www.epa.gov/region09/>

EPA Region 9 Water Contacts - <http://www.epa.gov/region09/water/contactus.html>

Amy Miller (Enforcement and Compliance)

Phone: (415) 947-4198

miller.amy@epa.gov

Eugene Bromley (NPDES Permits and Stormwater)

Phone: (415) 972-3510

bromley.eugene@epa.gov

EPA Region 9 Regional Nonpoint Source Coordinators

Christina (Tina) Yin, NPS Coordinator U.S. EPA - Region IX

75 Hawthorne Street (WTR-3) San Francisco, CA 94105

Phone: (415) 972-3579

Fax: (415) 947-3549

yin.christina@epa.gov

EPA Tribal Nonpoint Source Coordinators

Region 9 - Arizona, California, Hawaii, Nevada, American Samoa, Mariana Islands, Guam
Tiffany Eastman

U.S. EPA Region 9, 75 Hawthorne Street (MC: WTR-10), San Francisco, CA 94105 (415)

Phone: (415) 795-2435

eastman.tiffany@epa.gov

U.S. Environmental Protection Agency - Green Infrastructure Contacts

US EPA / Water Permits Division

Mail Code: 4203M

1200 Pennsylvania Avenue, NW

Washington, D.C. 20460-0001

Chris Kloss

Phone: (202) 564-1438

kloss.christopher@epa.gov

Tamara Mittman

Phone: (202) 564-1093

mittman.tamara@epa.gov

Robert Goo

Phone: (202) 566-1201

goo.robert@epa.gov

US EPA / Office Of Research and Development / National Risk Management Research Laboratory

26 West Martin Luther King Dr. MS 236

Cincinnati, OH 45268

Alice Gilliland

Phone: (513) 569-7852

gilliland.alice@epa.gov

Michelle Latham
Phone: (513) 569-7601
latham.michelle@epa.gov

Region 9 Contact
US EPA, Region 09 Southern California Office / Water Division
600 Wilshire Blvd, Suite 1460
Los Angeles, CA 90017
John Kemmerer
Phone: (213) 244-1832
kemmerer.john@epa.gov

Watershed Management Group
<http://www.watershedmg.org/>
PO Box 65953
Tucson, AZ 85728
Phone: (520)396.3266
Contact: <http://www.watershedmg.org/contact>

EPA National Pollution Elimination Discharge System (NPDES) Links

EPA National Pollution Discharge Elimination System

<http://cfpub.epa.gov/npdes/>

EPA SWPPP

<http://cfpub.epa.gov/npdes/stormwater/swppp.cfm>

EPA SWPPP Assistance: Guidance, templates, sample inspection form, example SWPPPs, key resources, BMP manuals

<http://cfpub.epa.gov/npdes/stormwater/swppp.cfm>

EPA Webcasts on Construction SWPPPS: A-Z

http://cfpub.epa.gov/npdes/courseinfo.cfm?program_id=0&outreach_id=308&schedule_id=962

ADEQ SWPPP Checklist

<http://lists.azdeq.gov/environ/water/permits/download/cswppp.pdf>

NPDES Permit Program Basics Regulation

http://cfpub.epa.gov/npdes/regs.cfm?program_id=45

Other Federal Laws that affect NPDES

http://cfpub.epa.gov/npdes/fedlaws.cfm?program_id=45

Arizona Pollution Elimination Discharge System (AZPDES) Links

AZPDES

<http://lists.azdeq.gov/environ/water/permits/azpdes.html>

ADEQ Stormwater Permits

<http://lists.azdeq.gov/environ/water/permits/stormwater.html>

Construction General Permit

http://lists.azdeq.gov/environ/water/permits/download/2008_cgp.pdf

CGP SWPPP Guidance Checklist

<http://www.azdeq.gov/environ/water/permits/download/cswppp.pdf>

Construction Notice of Intent (NOI)

http://www.azdeq.gov/environ/water/permits/download/construction_noi.pdf

Construction Notice of Termination

<http://lists.azdeq.gov/environ/water/permits/download/constnot.pdf>

Smart NOI System – File an NOI, file an NOT or determine eligibility for a CGP Waiver⁹

<http://az.gov/app/smarnoi/>

Small MS4 General Permit

<http://lists.azdeq.gov/environ/water/permits/download/ms4small.pdf>

MS4 Notice of Intent (NOI)

<http://lists.azdeq.gov/environ/water/permits/download/ms4noi.pdf>

MS4 Notice of Termination (NOT)

<http://lists.azdeq.gov/environ/water/permits/download/ms4not.pdf>

Designation Criteria for small MS4

<http://lists.azdeq.gov/environ/water/permits/download/desig.pdf>

Model SWMP

<http://lists.azdeq.gov/environ/water/permits/download/ms4model.pdf>

Water Quality Protection Fees

http://www.azsos.gov/public_services/Title_18/18-14.htm

Local Ordinances

[Tucson Stormwater Ordinance](#) (908KB PDF)

[Marana Stormwater Ordinance](#) (100KB PDF)

[Oro Valley Stormwater Ordinance](#) (105KB PDF)

Successful SWPPP Preparation

Finding Your Site Location

Conversion of Decimal Degrees, Degrees Minutes Seconds, or Lat/Long

<http://www.dot.co.pima.az.us/gis/maps/mapguide/latlon.cfm>

Map Guides:

<http://www.dot.co.pima.az.us/gis/maps/mapguide/>

Google maps

<http://maps.google.com/>

Township Range Section (PLSS) Conversion to Lat/Long

<http://www.esg.montana.edu/gl/trs-data.html>

Orthophotography of Tucson Region, 2008

<http://www.pagnet.org/RegionalData/Orthophotos/tabid/103/Default.aspx>

Guidance on SWPPPS and Best Management Practices

ADOT Erosion and Pollution Control Manual

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/PDF/EC_020105/Erosion_and_Pollution_Control_Manual_020105.pdf

Sediment Control and Water Quality Protection BMP Details

http://www.azdot.gov/Highways/Roadway_Engineering/Roadside_Development/Resources.asp

ADOT Methodology Final Stabilization

http://www.azdot.gov/Highways/Roadway_Engineering/Roadside_Development/PDF/ADOT_Methodology_V5_Propo_31Jan06.pdf

Post-Construction BMP Manual

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/PDF/adot_post_construction_bmp_manual.pdf

Maintenance and Facilities BMP Manual

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/PDF/maintenance_and_facilities_bmp_manual.pdf

Stormwater Monitoring Guidance Manuals for Construction

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/PDF/storm_water_guidance_for_construction.pdf

Stormwater Monitoring Guidance Manuals for MS4s

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/PDF/MS4_Activities_Manual.pdf

ADOT Roadside Development

http://www.azdot.gov/Highways/Roadway_Engineering/Roadside_Development/index.asp

ADOT Statewide Stormwater Discharge Permit

http://www.azdot.gov/inside_adot/OES/Water_Quality/stormwater_permit.asp

Construction Stormwater Pollution Prevention Plan (SWPPP) Template

http://www.azdot.gov/inside_adot/OES/Water_Quality/Stormwater/Docs/swppp_construction_template.dot

CALTRANS Construction Site BMP Manual

http://www.dot.ca.gov/hq/construc/stormwater/CSBMPM_303_Final.pdf

Maricopa County's Erosion Control Manual (including Best Management Practice (BMP)s, sample Arizona Pollutant Discharge Elimination System (AZPDES) Construction, Storm Water Pollution Prevention Plan (SWPPP) checklists and vendor product registration and information)

<http://www.fcd.maricopa.gov/Pub/manuals/downloads/ErosionControlManual.pdf>

Pima Association of Governments (PAG) Stormwater Training

www.PAGstorm.com/construction (520) 792-1093

Tucson Utility Contractors Association construction BMP training program
www.tuca-az.org

Southern Arizona Home Builders Association
<http://www.sahba.org/>

Hazardous Materials

Household Hazardous Waste collection locations and hours in Pima County and City of Tucson:

http://cms3.tucsonaz.gov/es/household_hazardous_waste

Report oil or hazardous materials releases in excess of reportable quantities, or that may endanger human health or the environment, within 24 hours to ADEQ

Phone: (602) 771-4466

Fax: (602) 771-4505

NOI References

“Smart NOI” system

<http://az.gov/app/smartnoi/>

NOI Form

http://www.azdeq.gov/envirom/water/permits/download/construction_noi.pdf

NOI must be submitted to ADEQ in Phoenix by FAX to (602) 771-4674, By Certified Mail with Return Receipt, Hand delivered, or Via SMART NOI system

Questions- (602) 771-4632

U.S. Army Corps of Engineers

Los Angeles District Regulatory Home Page

www.spl.usace.army.mil/regulatory/

Code of Federal Regulations

<http://www.gpoaccess.gov/cfr/index.html>

Jurisdictional Determination:

<http://www.spl.usace.army.mil/regulatory/>

“R” Factor

See EPA’S fact sheet on the “R” factor at

http://cfpub2.epa.gov/npdes/stormwater/swfinal.cfm?program_id=6

To calculate “R” by computer, see the Erosion Model at

http://fargo.nserl.purdue.edu/rusle2_dataweb/RUSLE2_Index.htm

Rain Gages

Pima County ALERT system

<http://rfcd.pima.gov/wrd/alertsys/index.htm>

USGS Water Data for Arizona

<http://waterdata.usgs.gov/az/nwis/nwis>

Report Illegal Dumping and Trash

Wildcat Dumping/Illegal Dumping

<http://cms3.tucsonaz.gov/infoguide/3152>

Don't Trash Arizona Home

<http://donttrashaz.org/>

Rainwater Harvesting (RWH) and Xeriscape

City of Tucson RWH Ordinance

http://cms3.tucsonaz.gov/files/ocsd/CMS1_035088.pdf

City of Tucson Land Use Code for Cistern placement (building permit design requirements based on property line proximity)

http://cms3.tucsonaz.gov/files/dsd/official_cistern_determination.pdf

City of Tucson Development Standard No. 10-03.0 for Commercial RWH

http://cms3.tucsonaz.gov/files/dsd/DS_10-03_Commercial_Water_Harvesting_04-27-09.pdf

City of Tucson Commercial Rainwater Harvesting Water Budget Spreadsheet

http://cms3.tucsonaz.gov/files/dsd/water_budget_spreadsheet.xls

City of Tucson RWH Guidance Manual

<http://dot.ci.tucson.az.us/stormwater/downloads/2006WaterHarvesting.pdf>

Town of Oro Valley RWH Ordinance (Greywater, Xeriscape)

http://www.orovalleyaz.gov/Assets/_assets/pz/pdf/Landscape+Code.pdf

Town of Oro Valley's RWH Engineering Technical Memorandum

http://www.orovalleyaz.gov/Assets/_assets/pz/pdf/Water+Harvesting+Engineering+Memorandum.pdf

Local RWH Resources (Books, Consultants, Incentives, Demo. sites, Vendors, Workshops)

<http://www.harvestingrainwater.com/wp-content/uploads/2010/01/rain-gray-resources.pdf>

RWH Storage and Use Calculator

<http://www.harvestingrainwater.com/rainwater-harvesting-inforesources/rainwater-harvesting-online-calculator/>

Guidance on Drought Tolerant Vegetation and How to Calculate Plants' Water Requirements (ADWR permissible species lists)

<http://www.azwater.gov/AzDWR/StatewidePlanning/Conservation2/LandscapePros/Default.htm>

PAG RWH Web Site (FAQ, Maps of Sites, Community Time-Line)

<http://www.pagnet.org/Default.aspx?tabid=913>

Harvesting Rainwater for Drylands and Beyond (Brad Lancaster's Comprehensive Site)

<http://www.harvestingrainwater.com/>

Green Infrastructure/ Low Impact Development

EPA Green Infrastructure Page

<http://water.epa.gov/infrastructure/greeninfrastructure/index.cfm>

EPA's Non-Point Source Pollution Page for LID: contains BMPs, Designs, Integrated Approaches and Examples

<http://www.epa.gov/owow/NPS/lid/>

NPDES LID BMP Menu: A search able database of BMPs including design, cost, water quality effectiveness, maintenance and limitations considerations

http://cfpub.epa.gov/npdes/stormwater/menuofbmps/index.cfm?action=factsheet_results&view=specific&bmp=124

Watershed Management Group Manual - Green Infrastructure for Southwestern Neighborhoods

<http://watershedmg.org/node/179>

The ADOT Post Construction BMP Manual

http://www.azdot.gov/Inside_ADOT/OES/Water_Quality/Stormwater/PDF/adot_post_construction_bmp_manual.pdf

Section 3.1.3 states that roadway designers should incorporate LID techniques and BMPs whenever possible.

Table 2.1 – ADOT Recommended List of LID Applications and locations where rainwater harvesting is recommended within Post-Construction BMPs. The following post ADOT Manual pages include specified ratings, appropriate applications, materials, design standards, design considerations, maintenance and schematics.

Off-road, Overland Flow Erosion Control

- Impervious Cover

Roadway Drainage Conveyance

- Impervious Channel Lining (PAGE 3-12, 3-52)
- Pervious Channel Lining (PAGE 3-12, 3-52)
- Rainwater Harvesting (PAGE 3-56)

Water Quality and Treatment

- Bioretention (PAGE 3-73)
- Filtration Structures
- Infiltration Basin (PAGE 3-56)
- Infiltration Trench (PAGE 3-56)
- Retention and Detention Basins (pond-in-place practices)
- Vegetated Filter Strips

LID Center -Green Streets - Standard Specifications, Details and Policies

<http://www.lowimpactdevelopment.org/greenstreets/practices.htm>

Arid LID Information Center and Conferences

<http://www.aridlid.org/>

LID Working Group (Pima County Regional Flood Control District): Manual review, LID/GI resources, Stormwater resources, Water Harvesting Spreadsheets, Cost Effectiveness of LID, Case Studies, Plant Guidance, Schematics

<http://rfcd.pima.gov/pdd/lid/workinggroup.htm>