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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/environ/water/permits/stormwater.html>

Stormwater and General Permits Unit:

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ADEQ Southern Regional Office (SRO) Compliance Programs:

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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

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Leigh Waite, Water Quality Analyst

Phone: (602) 712-6170

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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:

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Pima County Dept of Environmental Quality

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<http://www.pima.gov/deq/water/stwmgmprog.html>
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Pima County Regional Flood Control District

97 E. Congress Street
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<http://rfcd.pima.gov>
Evan Canfield, Chief Hydrologist
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Pima County Department of Transportation

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Town of Marana

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Marana, AZ 85653
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Fax: (520) 382-2644
www.marana.com

Town of Marana Stormwater Program:

<http://www.marana.com/index.aspx?NID=194>
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jchristelman@marana.com
Paula Bluemer, Environmental Project Coordinator
pbluemer@marana.com

Town of Oro Valley

Storm Water Utility:
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U.S. Army Corps of Engineers

Los Angeles District Regulatory Home Page
www.spl.usace.army.mil/regulatory/

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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>

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Eugene Bromley (NPDES Permits and Stormwater)

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EPA Region 9 Regional Nonpoint Source Coordinators

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EPA Tribal Nonpoint Source Coordinators

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U.S. Environmental Protection Agency - Green Infrastructure Contacts

US EPA / Water Permits Division

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**US EPA / Office Of Research and Development / National Risk Management
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Region 9 Contact

US EPA, Region 09 Southern California Office / Water Division

600 Wilshire Blvd, Suite 1460

Los Angeles, CA 90017

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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/enviro/water/permits/download/ms4small.pdf>

MS4 Notice of Intent (NOI)

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

MS4 Notice of Termination (NOT)

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

Designation Criteria for small MS4

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

Model SWMP

<http://lists.azdeq.gov/enviro/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/CSBMMPM_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/environ/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>