



Missouri Department of Transportation

Illicit Discharge Detection and Elimination



Examples of Acceptable Non-Stormwater Discharges (assuming wastewater is not used)

Landscape Irrigation

Rising Groundwater

Bridge washing/flushing

Street wash water

Discharges from potable water sources

Footing drains

Lawn watering

Illicit discharge detection and elimination

is one of six minimum control measures MoDOT is required to include in its stormwater management program to meet the conditions of its Municipal Separate Storm Sewer, or MS4, Permit. This fact sheet summarizes the general requirements and how to satisfy them.

What is an “illicit discharge”?

Any discharge to an MS4 that is not composed entirely of stormwater, with some exceptions (left).

What is an “illicit connection”?

Any drain or conveyance, whether on the surface or underground, which allows an illicit (illegal) connection non-stormwater discharge to enter the storm drain system.

Why is stormwater runoff a problem?

Stormwater can pick up debris, chemicals, dirt and other pollutants, and flow into MoDOT’s storm drain system or directly into a stream, river, lake, pond, reservoir or wetland. Anything that enters MoDOT’s storm drain system is discharged untreated into the waterways we use for fishing, swimming and providing drinking water.





What is Required?

- Develop, implement and enforce an illicit discharge detection and elimination program.
- A storm sewer map showing locations of all outfalls, and the names and locations of all waters of the United States that receive discharges from those outfalls.
 - A plan to detect and address non-stormwater discharges, including illegal dumping, into the MS4.
 - An education component for employees, businesses and general public about the hazards associated with illegal dumping and improper disposal of waste.

The Plan

- 1. Locate problem areas.** Identify problem areas based on likelihood of illicit connections.
- 2. Find the source.** To the best ability, locate the potential source.
- 3. Report the location.** Reporting is done to the county health department for wastewater issues.
- 4. Clean up litter or spills.**
- 5. Report location and pollutant to:**

MoDOT Stormwater Compliance Coordinator
Stormwater@modot.mo.gov (573) 751-2790, for TS4 reporting.

LOOK FOR

- | | |
|-------------------|--------------------------|
| Floatables | Turbidity |
| Oily sheen | Water color |
| Foam | Surface scum odor |



See attached listing of local county health department contacts.

Evidence of illicit discharges can be seen from observing outfalls that collect run-off. When the outfall is discharging a flow during dry weather, there could be a problem.

Adair County Health Department

1001 South Jamison Street
Kirksville, MO 63501-3986
Telephone: 660/665-8491 or 660/785-3225/6
Fax: 660/627-2913

James E. "Jim" LeBaron, Administrator
E-mail: Jim.LeBaron@lpha.mopublic.org
Website: <http://adair.lphamo.org>
Region B

Audrain County Health Department

1130 South Elmwood
P.O. Box 957
Mexico, MO 65265-0957
Telephone: 573/581-1332
Fax: 573/581-6652

Sandra M. Hewlett, MS, APRN, AOCN, FACHE,
Administrator
E-mail: shewlett@audraincountyhealth.org **Website:**
<http://www.audraincountyhealth.org/>
Region F

Clark County Health Department

670 North Johnson
P.O. Box 12
Kahoka, MO 63445-1430
Telephone: 660/727-2356
Fax: 660/727-2927

Evelena Sutterfield, RN, Administrator **E-mail:**
Evelean.Sutterfield@lpha.mopublic.org
Website: www.clarkcountyhd.org
Region B

Knox County Health Department

207 North First Street
Edina, MO 63537-1127
Telephone: 660/397-3396
Fax: 660/397-3579

Lori Moots-Clair, Administrator
E-mail Lauri.Moots-Clair@lpha.mopublic.org
Website: www.kchdhomehealth.com
Region B

Lewis County Health Department

101 State Highway A
P.O. Box 96
Monticello, MO 63457-0096
Telephone: 573/767-5312
Fax: 573/767-5301

Debbie Sommers, RN, Administrator
E-mail: Debbie.Sommers@lpha.mo.gov
Region B

Lincoln County Health Department

#5 Health Department Drive
Troy, MO 63379-4551
Telephone: 636/528-6117
Fax: 636/528-8629

Brett Siefert, Administrator
E-mail: brett.siefert@lchdmo.org
Website: www.lchdmo.org
Region C

Family Planning Clinic

#5 Health Department Drive
Troy, MO 63379
Telephone: 636/528-6117
Fax: 636/528-5261

Macon County Health Department
503 North Missouri Street
Macon, MO 63552-1751
Telephone: 660/385-4711
Fax: 660/385-2014

Mike Chambers, Administrator
[E-mail: mchambers@maconmohealth.org](mailto:mchambers@maconmohealth.org)
[Website: www.maconmohealth.org](http://www.maconmohealth.org)
Region B

Marion County Health Dept. & Home Health Agency
3105 Route W
P.O. Box 1378
Hannibal, MO 63401-1378
Telephone: 573/221-1166/7 or 1176
Fax: 573/221-1214

Olivia (Jean) McBride, **RN, BSN**, Administrator
[E-mail: Olivia.McBride@lpha.mo.gov](mailto:Olivia.McBride@lpha.mo.gov)
[Website: http://www.marioncountyhealth.org/](http://www.marioncountyhealth.org/)
Region B

Monroe County Health Department
310 North Market
Paris, MO 65275-1047
Telephone: 660/327-4653 or 4259
Fax: 660/327-4533

Paula Delaney, Administrator
[E-mail Paula.Delaney@lpha.mopublic.org](mailto:Paula.Delaney@lpha.mopublic.org)
[Website: www.monroecountyhealth.com](http://www.monroecountyhealth.com)
Region B

Montgomery County Health Department
400 Salisbury
Montgomery City, MO 63361-1232
Telephone: 573/564-2495
Fax: 573/564-5059

Laura Yelton, RN, Administrator
[Email: LAURAY@MONTGOMERYCOUNTYHEALTH.ORG](mailto:LAURAY@MONTGOMERYCOUNTYHEALTH.ORG)
[Website: http://www.montgomerycountyhealth.org](http://www.montgomerycountyhealth.org)
Region F

Pike County Health Department
1 Health Care Place
Bowling Green, MO 63334-3602
Telephone: 573/324-2111
Fax: 573/324-3057

Rhonda Stumbaugh, RN, Administrator
[Email: rstumbaugh@pikecountyhealth.org](mailto:rstumbaugh@pikecountyhealth.org)
[Website: http://www.pikecountyhealth.org/](http://www.pikecountyhealth.org/)
Region C

Pike County Home Health & Hospice
Telephone: 573/324-2111
Fax: 573/324-5517

Ralls County Health Department
405 West First Street
P.O. Box 434
New London, MO 63459-1204
Telephone: 573/985-7121 or 2441
Fax: 573/985-1531

Tanya Taylor, Administrator
[E-mail Tanya.Taylor@lpha.mopublic.org](mailto:Tanya.Taylor@lpha.mopublic.org)
[Website: http://rallscountyhealth.org](http://rallscountyhealth.org)
Region B

Randolph County Health Department
423 East Logan
P.O. Box 488
Moberly, MO 65270-2222
Telephone: 660/263-6643
Fax: 660/263-0333

Sharon Whisenand, Administrator
[E-mail: whises@randolphcountyhealth.org](mailto:whises@randolphcountyhealth.org)
[Website: http://randolphcountyhealth.org](http://randolphcountyhealth.org)
Region B

Schuyler County Health Department
213 South Green Street
P.O. Box 387
Lancaster, MO 63548-1097
Telephone: 660/457-3721 or 2122
Fax: 660/457-2238

Kathryn Magers, RN, Administrator
[E-mail: Kathryn.Magers@lpha.mo.gov](mailto:Kathryn.Magers@lpha.mo.gov)
[Website: http://schuylercohealth.org/](http://schuylercohealth.org/)
Region B

Scotland County Health Department
214 W. Madison
Memphis, MO 63555-1727
Telephone: 660/465-7275
Fax: 660/465-2320

Lynette Vassholz, Administrator
[E-mail: Lynette.Vassholz@lpha.mo.gov](mailto:Lynette.Vassholz@lpha.mo.gov)
[Website: http://scotlandcountyhealth.com/](http://scotlandcountyhealth.com/)
Region B

Sullivan County Health Department
101 Hawthorne Drive
P.O. Box 129
Milan, MO 63556-1017
Telephone: 660/265-4141 or 4645
Fax: 660/265-3891

Deborah Taylor, Administrator
[E-mail: Deborah.Taylor@lpha.mo.gov](mailto:Deborah.Taylor@lpha.mo.gov)
[Website: www.sullivancountyhealth.com](http://www.sullivancountyhealth.com)
Region B
