



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.

Cass County Health Department

Court House Annex III
300 South Main
Harrisonville, MO 64701-2354
Telephone: 816/380-8425
Fax: 816/380-8450

Andrew Warlen, MPH, Director

E-mail: andrew@asscountymoh.org

Website: <https://casscountymoh.org>

Region A

Clay County Public Health Center

800 Haines Drive
Liberty, MO 64068-1006
Telephone: 816/595-4200
Fax: 816/595-4201

Gary E. Zaborac, Director

E-Mail: gaborac@clayhealth.com

Website: <http://www.clayhealth.com>

Region A

Jackson County Health Department

313 South Liberty Street
Independence, MO 64050-3802
Telephone: 816/404-6415
Fax: 816/404-6418

Bridgette (Casey) Shaffer, MPH, Director

E-Mail: Bridgette.Shaffer@tmcmed.org

Website: <http://www.jacohd.org>

Region A

Jackson County WIC Program

Truman Medical Center East
7900 Lee's Summit Rd.
Kansas City, MO 64139-3802
Telephone: 816/373-4485, Ext. 4059
Fax: 816/478-1668

Jackson County Environmental Health Services

c/o Jackson County Public Works Department
103 N. Main
Independence, MO 64050
Telephone: 816/881/4563
Fax: 816/881/4448

Johnson County Community Health Services

723 PCA Road
Warrensburg, MO 64093-7913
Telephone: 660/747-6121
Fax: 660/747-6087
Vital Records - Ext. 0
Comm. Disease - Ext. 212
Immunization - Ext. 0
AIDS/HIV - Ext. 226
Home Health/Hospice - Ext. 218
Env. Health/Food Safety - Ext. 204 or 217
WIC: 660/747-2012
WIC Fax: 660/747-1294

Debbie Haller, Administrator

E-mail halled@lpha.mopublic.org

Website: <http://johnsoncountymoh.org>

Region A

Lafayette County Health Department

547 S Business Highway 13
Lexington, MO 64067-1437
Telephone: 660/259-4371 or 4372
Fax: 660/259-6250

Tom Emerson, RS, Administrator

E-mail: Thomas.Emerson@lpha.mopublic.org

Website: www.lafayettecountymoh.org

Region A

Pettis County Health Center
911 East 16th Street
Sedalia, MO 65301-7733
Telephone: 660/827-1130
Fax: 660/827-1141

JoAnn Martin, MSN, APRN, CPNP, Administrator
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[Website: www.pettiscountyhealthcenter.com](http://www.pettiscountyhealthcenter.com)
Region A

Platte County Health Department
212 Marshall Road
Platte City, MO 64079-9761
Telephone: 816/858-2412
Fax: 816/858-2087

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[Website: http://www.plattecountyhealthdept.com](http://www.plattecountyhealthdept.com)
Region A

Platte County Health Department
1201 E. Street
Parkville, MO 64152
Telephone: 816/587-5998
Fax: 816/587-6028

Ray County Health Department
820 E. Lexington
Richmond, MO 64085-1930
Telephone: 816/776-5413 or 5414
Fax: 816/776-2441

Shelby Spor, RN, BSN, Administrator
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Region A

Saline County Health Department
1825 South Atchison Avenue
Marshall, MO 65340-9752
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WIC: 660/886-9494

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Region A
