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.

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
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 MS4 reporting.

LOOK FOR

<table>
<thead>
<tr>
<th>Floatables</th>
<th>Turbidity</th>
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<tr>
<td>Oily sheen</td>
<td>Water color</td>
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<tr>
<td>Foam</td>
<td>Surface scum odor</td>
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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.
Barry County Health Department  
65 Main Street  
P.O. Box 207  
Cassville, MO 65625-9400  
Telephone: 417/847-2114 or 847-2115  
Fax: 417/847-2116  
WIC: 417/847-3117  

Roger Brock, Administrator  
E-mail: Roger.Brock@lpha.mopublic.org  
Website: www.barrycountyhealth.org  
Region D

Barton County Health Department  
1301 East 12th Street  
Lamar, MO 64759-2182  
Telephone: 417/682-3363/4 or 682-5547  
Fax: 417/682-5548  

Joel Dermott, Administrator  
Email: jdermott@bchdhealth.com  
Website: www.bchdhealth.com  
Region D

Bates County Health Center  
501 North Orange  
P.O. Box 178  
Butler, MO 64730-1325  
Telephone: 660/679-6108  
Fax: 660/679-6022  

Mylissa "Jody" Welston, RN, Administrator  
E-mail: jody.Welston@lpha.mopublic.org  
Website: www.batescountyhealthcenter.org  
Region A

Benton County Health Department  
1238 Commercial Street  
P.O. Box 935  
Warsaw, MO 65355-3157  
Telephone: 660/438-2876  
Fax: 660/438-5746  

Linda Viebrock, Administrator  
E-mail: linda.viebrock@lpha.mopublic.org  
Website: http://benton.lphamo.org  
Region A

Cedar County Health Department  
1317 South Highway 32  
El Dorado Springs, MO 64744-2302  
Telephone: 417/876-5477  
Fax: 417/876-5017  
WIC: 417/876-6624  

Jana Witt, Administrator  
E-mail: jwitt@ccmh.co  
Jenean Ehlers, RN, Manager of Community Services  
E-mail: jehlers@ccmh.co  

Jenean Ehlers, RN, Manager of Community Services  
E-mail: jehlers@ccmh.co

Cedar County Health Department  
807 Owen Mill Road  
Stockton, MO 65785-8359  
Telephone: 417/276-6416  
Fax: 417/276-3242

Christian County Health Department  
301 East Brick Street  
P.O. Box 340  
Ozark, MO 65721-6682  
Telephone: 417/581-7285  
Fax: 417/581-6130  
Sanitation: 417/581-8183  

Cindy Bilyeu, Administrator  
E-mail: bilyec@lpha.mopublic.org  
Website: http://www.christiancountyhealth.com  
Region D
<table>
<thead>
<tr>
<th>Dade County Health Department</th>
<th>Pamela Allen, Administrator</th>
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<tbody>
<tr>
<td>413 W. Water Street</td>
<td>E-mail: <a href="mailto:AllenP1@ipha.mo.gov">AllenP1@ipha.mo.gov</a></td>
</tr>
<tr>
<td>Greenfield, MO 65661-1353</td>
<td>Website: <a href="http://dadecountyhealthdept.com/">http://dadecountyhealthdept.com/</a></td>
</tr>
<tr>
<td>Telephone: 417/637-2345 or 2347</td>
<td></td>
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<tr>
<td>Fax: 417/637-2507</td>
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<tr>
<th>Dallas County Health Department</th>
<th>Cheryl Eversole, Administrator</th>
</tr>
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<tbody>
<tr>
<td>1011 West Main</td>
<td>E-mail: <a href="mailto:eversc2@ipha.mo.gov">eversc2@ipha.mo.gov</a></td>
</tr>
<tr>
<td>P.O. Box 199</td>
<td>Website: <a href="http://www.dallascountyhealth.com/">http://www.dallascountyhealth.com/</a></td>
</tr>
<tr>
<td>Buffalo, MO 65622-8679</td>
<td></td>
</tr>
<tr>
<td>Telephone: 417/345-2332</td>
<td>Region D</td>
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<tr>
<td>Fax: 417/345-2025</td>
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<tr>
<th>Springfield/Greene County Health Department</th>
<th>Clay Goddard, Director</th>
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<tbody>
<tr>
<td>227 East Chestnut Expressway</td>
<td>E-mail: <a href="mailto:CGoddard@springfieldmo.gov">CGoddard@springfieldmo.gov</a></td>
</tr>
<tr>
<td>Springfield, MO 65802-3847</td>
<td>Website: <a href="http://www.health.springfieldmo.gov">http://www.health.springfieldmo.gov</a></td>
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<tr>
<td>Telephone: 417/864-1658</td>
<td>Region D</td>
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<tr>
<td>Fax: 417/864-1099</td>
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<tr>
<td>Administration: 417/864-1657</td>
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<tr>
<th>Henry County Health Center</th>
<th>Peggy Bowles, Administrator</th>
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<tbody>
<tr>
<td>1800 Community Drive</td>
<td>E-mail: <a href="mailto:Peggy.Bowles@ipha.mo.gov">Peggy.Bowles@ipha.mo.gov</a></td>
</tr>
<tr>
<td>Clinton, MO 64735-2106</td>
<td>Website: <a href="http://henrycohealth.org/">http://henrycohealth.org/</a></td>
</tr>
<tr>
<td>Telephone: 660/885-8193 or 8194</td>
<td>Region A</td>
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<tr>
<td>Fax: 660/885 7744</td>
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<tr>
<td>WIC: 660/885-8195</td>
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<tr>
<th>Hickory County Health Department</th>
<th>Dawn Vader, Administrator</th>
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<tbody>
<tr>
<td>201 Cedar Street</td>
<td>E-mail: <a href="mailto:VADERD@HICKORYCOUNTYHEALTH.ORG">VADERD@HICKORYCOUNTYHEALTH.ORG</a></td>
</tr>
<tr>
<td>P.O. Box 21</td>
<td>Website: <a href="http://www.hickorycountyhealth.org/">http://www.hickorycountyhealth.org/</a></td>
</tr>
<tr>
<td>Hermitage, MO 65668-9218</td>
<td>Region D</td>
</tr>
<tr>
<td>Telephone: 417/745-2138/9 or 745-6628</td>
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<tr>
<td>Fax: 417/745-2400</td>
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<tr>
<th>Jasper County Health Department</th>
<th>Anthony (Tony) Moehr, EPHS Ill-Administrator</th>
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</thead>
<tbody>
<tr>
<td>105 Lincoln</td>
<td>E-mail <a href="mailto:Tony.Moeh@ipha.mo.gov">Tony.Moeh@ipha.mo.gov</a></td>
</tr>
<tr>
<td>Carthage, MO 64836-1512</td>
<td>Website: <a href="http://www.jaspercounty.org/health">www.jaspercounty.org/health</a></td>
</tr>
<tr>
<td>Telephone: 417/358-3111</td>
<td>Region D</td>
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<tr>
<td>Fax: 417/358-0494</td>
<td></td>
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<tr>
<td>Env. Health: 417/358-0481</td>
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<tr>
<td>Lead Program: 417/358-0480</td>
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Joplin City Health Department
321 East 4th Street
Joplin, MO 64801-2208
Telephone: 417/623-6122 or 623-6123
Fax: 417/624-6453

WIC Division
321 East 4th Street
Joplin, MO 64801
WIC: 417/623-1928
WIC Fax: 417/625-4753
HIV/AIDS Care Coordination: 417/624-5788

Lawrence County Health Department
105 West North Street
Mt. Vernon, MO 65712-1017
Telephone: 417/466-2201
Fax: 417/466-7485

McDonald County Health Department
500 Olin Street
P.O. Box 366
Pineville, MO 64856-0366
Telephone: 417/223-4351 or 4352
Fax: 417/223-4109

Newton County Health Department
812 West Harmony
P.O. Box 447
Neosho, MO 64850-1627
Telephone: 417/451-3743
Fax: 417/451-1852
Environmental: 417/451-6549

Polk County Health Center
1317 West Broadway
P.O. Box 124
Bolivar, MO 65613-1814
Telephone: 417/326-7250
Fax: 417/326-2766

St. Clair County Health Center
530 Arduser Drive
Osceola, MO 64776-6284
Telephone: 417/646-8332 or 8157/8
Fax: 417/646-8159
Stone County Health Department
109 East 4th Street
Galena, MO 65656-9649
Telephone: 417/357-6134
Fax: 417/357-6031
Pam Burnett, Administrator
E-mail: Pam.Burnett@jpha.mo.gov
Website: www.stonecountyhealthdepartment.com
Region D

Stone County Health Department - Branson West Office
19765 State Hwy 13 Ste. 1
Branson, MO 65617
Telephone: 417/272-0050
Fax: 417/272-9058

Taney County Health Department
15479 U.S. Highway 160 (physical address)
P.O. Box 369 (only use for mailing letters)
Forsyth, MO 65653-0369
Telephone: 417/564-4725
Fax: 417/564-4727
Lisa Marshall, MS, RD, LD, Director & PIO
E-mail: Lisa.Marshall@jpha.mo.gov
Website: http://www.taneycohealth.org
Region D

Taney County Health Department - Branson Office
320 Rinehart Road
Branson, MO 65616
Telephone: 417/334-4544
Fax: 417/335-5727

Vernon County Health Department
301 North Washington
Nevada, MO 64772-2344
Telephone: 417/667-7418
Fax: 417/667-4131
Steve Durnell, Administrator
E-mail: Steve.Durnell@jpha.mo.gov
Region D

Webster County Health Unit
233 East Washington
Marshfield, MO 65706-1859
Telephone: 417/859-2532 x204
Fax: 417/859-6192
Terre Banks, RN, BSN, Administrator
E-mail: tbanks@websterohealth.com
Website: http://www.websterohealth.com
Region D