2003

Illicit Discharge Detection and Elimination: State/Local Partnerships; Part 1: NEIWPCC’s IDDE Manual (2003 NEIWPCC Presentation)

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Recommended Citation
Illicit Discharge Detection and Elimination: State/Local Partnerships

Part 1: NEIWPCC’s IDDE Manual

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NEIWPCC
November 2003
New England Interstate Water Pollution Control Commission (NEIWPCC)

- Created in 1947 by an Act of Congress
- CT, ME, MA, NH, NY, RI, and VT
- 35 Commissioners (5 per State)
- Headquartered in Lowell, MA
- Web site at [www.neiwpcc.org](http://www.neiwpcc.org)
EPA Regulation of Stormwater Discharges

- **Phase I (1990)**
  - Large and medium MS4s
  - Industrial activities
  - Large construction sites

- **Phase II (1999)**
  - Small MS4s in urbanized areas
  - Small construction sites
  - End of municipal exemption for industrial activities
  - Revision of “No Exposure” provision
NEIWPC’s Stormwater Workgroup

- Meets 3 times a year
- State and EPA staff
- Discusses implementation of EPA’s Phase II Stormwater Rule
Phase II and Small MS4s: 6 Minimum Measures

- Public education and outreach
- Public participation/involvement
- Illicit discharge detection and elimination (IDDE)
- Construction site runoff control
- Post-construction runoff control
- Pollution prevention
Phase II and Small MS4s: 6 Minimum Measures

- Public education and outreach
- Public participation/involvement
- Illicit discharge detection and elimination (IDDE)
- Construction site runoff control
- Post-construction runoff control
- Pollution prevention
Illicit Discharge: Definition

“Any discharge to a municipal separate storm sewer that is not composed entirely of \textit{stormwater}, except discharges pursuant to an NPDES permit and discharges resulting from fire-fighting activities.”
Examples of Illicit Discharges

- Sewage line from a house or business is connected to storm drainage system
- Cross-connection between sewer line and storm system
- Improper disposal of auto and household toxics
- Laundry or car wash discharge flows to storm drain
Requirements for Municipalities’ IDDE Programs

- Storm sewer map
- Illicit discharge ordinance
- Development and implementation of a plan to detect and address illicit discharges
- Public outreach
IDDE Manual Contents

1. Getting Started With Your IDDE Program
2. Developing a Storm Sewer Map
3. Prohibiting Illicit Discharges
4-7. Developing and Implementing an IDDE Plan
   4. Locating Priority Areas
   5. Tracing the Source of an Illicit Discharge
   6. Removing the Source of an Illicit Discharge
   7. Evaluation of the IDDE Program
IDDE Manual Contents (Cont’d)

8. Outreach to Employees, Businesses, and the General Public
9. BMPs and Measurable Goals for IDDE
10. Resources
The IDDE manual can be downloaded from the “Publications” page of www.neiwpcc.org