

## Wetland and Stormwater Management Services

Reduce your burden:  
Mostardi Platt Environmental

**We'll help you get the right permits.**

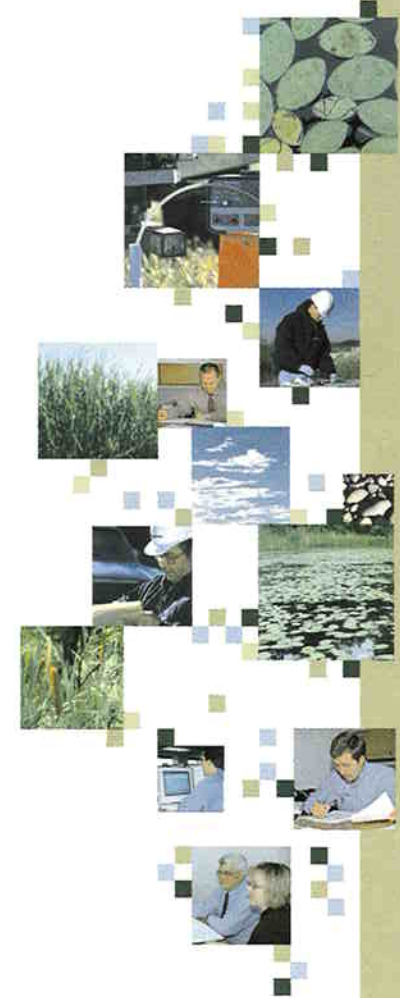
Recently, wetland and stormwater regulations have changed — and may directly impact your development project. Which permits do you need to avoid big delays, fines or other penalties? Mostardi Platt Environmental (MPE) can help. Our specialists understand the regulatory ins and outs, and can help your company obtain the right permits. We're ready to be your wetland and stormwater management partner.

**MPE specialists provide up-to-date expertise on:**

- Wetland delineations/assessments
- Stormwater management regulations
- Wetland regulations and protection programs
- Obtaining appropriate permits prior to construction

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1520 Kensington Road, Suite 204  
Oak Brook, Illinois 60523-2139

## Wetland and Stormwater Management Services



Full-service  
solutions that work  
for business.



## Mostardi Platt Environmental Wetland and Stormwater Management Services

### What are Wetlands?

A wetland may include open water (lakes and rivers), as well as the transitional area between open water and dry land that may hold a few inches to several feet of water, grow water-tolerant plants, and contain soil formed with the presence of water. Surprisingly, while some wetlands are always wet, others stay wet at or near the surface for only a few weeks each year. Without expertise, these wetlands can be very difficult to recognize and identify.

### Wetlands provide many benefits:

- Control of flooding, erosion and sediment
- Water purification/drinking water rechargement
- Food and shelter for fish and wildlife
- Natural landscape beauty
- Opportunities for recreation, education and research

### Urban expansion that destroys wetlands can produce:

- Increased flooding
- Poor drinking water quality
- Decline in wildlife habitat
- Fewer recreational opportunities

Losing wetlands can be expensive. Industry and/or the public must pay to construct artificial flood control systems or suffer costly flood damages. That's why state and local agencies have created stormwater management programs that also protect wetland habitats. Identifying wetlands and getting the right permits early in your project, can smooth the entire development approval process.

## Wetland Regulations and Requirements

### The Federal Clean Water Act

If your project involves dredging or filling, Section 404 of the Clean Water Act may apply. It regulates the discharge of dredged and fill material into U.S. waters — including wetlands. The United States Army Corps of Engineers issues permits for the following construction activities involving filling U.S. waters and wetlands:

- Site development (industrial, commercial, residential and recreational)
- Construction of structures, ponds, intake or outlet pipes
- Creation of causeways, road fills, dams, dikes, artificial islands, property protection and reclamation devices
- Discharge/excavation within a wetland (of fill or any other materials)

### County/Municipal Wetland Protection Programs

Local governments have recently added more comprehensive wetland protection to their stormwater management programs. In 2001, state and local governments were granted authority over isolated wetlands. Illinois has no state program, but county and municipal governments have strict requirements, including:

- Assessments, determinations, and delineations of wetlands on or adjacent to development sites
- Buffer zones of undisturbed non-wetland areas (30-100 feet wide)
- Avoiding/minimizing overall impact
- Mitigation for impacted areas on or offsite (at ratios of 1.5:1 to 10:1)
- Reviews of threatened and endangered species

## Stormwater Management Regulations

### Stormwater Management

When polluted stormwater flows into rivers, lakes, streams and ponds, it can create a threat to water quality, public health and the environment. The National Pollutant Discharge Elimination System (NPDES) regulates wastewater and stormwater discharges associated with the following activities:

- Land clearing, grading, excavation
- Other activities that alter natural water runoff and increase soil erosion
- Improper use, handling or storage of toxic or hazardous materials (including pesticides, chemicals, metals and petroleum products)
- Industrial process and stormwater discharge to streams and rivers

### Permit requirements

New Illinois regulations now require construction activities that disturb an area equal to or greater than one acre to obtain a NPDES stormwater permit before any earth-moving begins.

Obtaining this permit can be a burden. In addition, you must develop and implement a stormwater pollution prevention plan (SWPPP), and comply with Illinois historical preservation and endangered species laws. However, MPE can help.

### Mostardi Platt Environmental Can Help

MPE's innovative professionals can streamline your wetland and stormwater permitting process. Your organization will avoid unnecessary project delays, fines and other penalties when you tap into our up-to-date expertise. We'll help you get the right permits and effectively comply with the applicable regulatory requirements - so you can start work sooner.

How can we help you? Call Mostardi Platt Environmental today.

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