

# STORMWATER WORKSHEET

Project Name: _____	Location: _____
Developer/Owner: _____	Engineering Firm: _____
By (Design Engineer): _____	Date: _____

## Sensitive Areas

Indicate on site plan and check below.

*(Check all that apply)*

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Waterbodies             | <input type="checkbox"/> Rivers and Streams      | <input type="checkbox"/> Floodplains          |
| <input type="checkbox"/> Riparian Areas          | <input type="checkbox"/> Wetlands                | <input type="checkbox"/> Woodlands            |
| <input type="checkbox"/> Sand Dunes              | <input type="checkbox"/> Natural Drainage Ways   | <input type="checkbox"/> Steep/Erodible/Karst |
| <input type="checkbox"/> Susceptible Groundwater | <input type="checkbox"/> Threatened & Endangered | <input type="checkbox"/> Other: _____         |

## Special Site Considerations

*(Check all that apply)*

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Coldwater Stream<br>Name: _____ | <input type="checkbox"/> Hot Spot/Brownfield<br>Activity: _____ | <input type="checkbox"/> Policy Watershed<br>Name: _____ |
| <input type="checkbox"/> Discharge to MS4                |   |  |

## Water Quality

Required for all sites.

## Channel Protection

Required for surface water discharges.

*(Check all that apply)*

- Not required (direct discharge to Lake Michigan, Mona Lake or Muskegon Lake).
  - Onsite Retention (must be considered first and foremost).
- If site conditions preclude onsite retention:
- Off-site Mitigation.
  - Payment-in-lieu (subject to availability).
  - Alternative Approach using Extended Detention (submit Engineer's Certification).

## Flood Control

Required for all sites.

*(Check all that apply)*

- Standard release rate (0.13 cfs/acre).
- Alternate release rate allowed (describe): \_\_\_\_\_
- Floodplain required in lieu of detention.

*(Check one)*

- Emergency Overflow Routes available and identified on site plan.
- No acceptable Emergency Overflow Routes: buildings protected with redundant storm sewer sized for 100-year storm; detention/retention sized at two (2) times the flood control volume.