

Upper 2 Subwatershed

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Existing Conditions

- ❖ 6 communities within 38 square miles
- ❖ Encompasses the Bell Branch and Tarabusi Creeks
- ❖ Drains to the Upper Rouge River in Redford Township near Telegraph and Five Mile Rd.
- ❖ Public parks include: Bell Creek, Bicentennial, Greenmead, Heritage, and Drake parks
- ❖ Bell Branch also flows through Country Club golf course in Northville Twp, Idyl Wyld in Livonia and Western Golf and Country Club in Redford

Upper 2 Subwatershed Plan

Existing Conditions (Continued)

- ❖ Over 106,000 people
- ❖ 57 percent is residential development; 16 percent is commercial and industrial; 34 percent is covered by impervious surfaces like roads and pavement
- ❖ High bacteria in most stream segments
- ❖ Highly variable flow conditions
- ❖ Some flooding problems
- ❖ Severe erosion in some segments

Upper 2 Subwatershed Plan

Goals

- ❖ Achieve compliance with the Clean Water Act
- ❖ Remove sources of pollution that threaten public health
- ❖ Minimize flow variability and flooding damage
- ❖ Restore impaired uses by reducing pollution

Upper 2 Subwatershed Plan

Goals (continued)

- ❖ Enhance and preserve aquatic ecosystems consistent with limitations of urbanized settings
- ❖ Maximize opportunities to preserve and create community assets by enhancing recreational uses on public lands
- ❖ Enhance and protect the quality of the Great Lakes

Upper 2 Subwatershed Plan

Essential Elements to Achieve Goals

- ❖ Public Education and Involvement
- ❖ Effective Monitoring of Progress
- ❖ Holistic Consideration of Problems and Solutions

Upper 2 Subwatershed Plan

Action Plan

- ❖ Implement Phase II CSO controls
- ❖ Eliminate Illicit Connections, Replace Failing Septics Systems, and Implement a Public Education Program
- ❖ Modify On-going Public Works Operations and Community Services

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Action Plan (continued)

- ❖ Implement Minimum Storm Water Management Requirements and Perform Enforcement
- ❖ Detention and Flow Control
- ❖ Channel Restoration and Stabilization