

Middle 3 Subwatershed

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Existing Conditions

- ❖ Five Communities within 19 square miles
- ❖ 85 percent developed
- ❖ Extensive park system along the river and Edward Hines Parkway
- ❖ Recreational use of river restricted by high bacteria and fish advisories

Middle 3 Subwatershed

Existing Conditions (cont.)

- ❖ \$27.2 million spent to separate sanitary and storm sewers in Garden City, Livonia, and Westland
- ❖ \$19.2 million spent to construct a combined sewer basin in Dearborn Heights

Middle 3 Subwatershed Plan

Vision

- ❖ A Middle Rouge River and river corridor that is aesthetically pleasant, and is clean, healthy and safe, so that watershed residents and visitors can enjoy a variety of recreational opportunities including fishing, canoeing and picknicing, and supports a healthy and diverse fish and wildlife community

Middle 3 Subwatershed Plan

Goals

- ❖ Improve water quality consistent with the vision for the Middle Rouge River
- ❖ Reduce public health risk and enhance recreational opportunities along the river within the subwatershed
- ❖ Educate the public regarding the public's impact on the river and the potential of the river as a community asset and recreational resource
- ❖ Preserve parklands adjacent to the Middle Rouge that are held within the public trust

Middle 3 Subwatershed Plan

Goals (continued)

- ❖ Enhance and preserve habitat, especially next to the river, for fish and wildlife compatible with subwatershed land uses
- ❖ Obtain a general permit for storm water through cooperation with other communities, Wayne County, and other stakeholders
- ❖ Adopt an effective subwatershed storm water management strategy that includes exploring ways to fund watershed management efforts and ensures the best utilization of public funds

Middle 3 Subwatershed Plan

Vision and Goals were developed and recommended by the Storm Water Advisory Group on May 20, 1997

Vision and Goals are supported by resolutions from Westland and Garden City Councils and in a letter from Dearborn Heights

Middle 3 Subwatershed Plan

Action Plan

- ❖ Phase II CSO permit (Dearborn Heights)
- ❖ Investigate actions required to apply for general storm water permit
- ❖ Estimate costs of general permit to community budgets
- ❖ Work with RPO to prepare material for Public Education and Illicit Discharge Elimination Plan as part of permit

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Action Plan (cont.)

- ❖ Evaluate needs for grants in watershed management, illicit detection, education, and GIS
- ❖ Initiate watershed education program at Dearborn Heights Center of Henry Ford Community College in cooperation with the city, college, and Friends of the Rouge
- ❖ Develop an illicit detection plan
- ❖ Complete pilot projects

Middle 3 Subwatershed Plan

Action Plan (cont.)

- ❖ Discuss subwatershed activities with city councils in 1998

- ❖ Review existing maintenance practices
 - ~ catch basin maintenance
 - ~ storm water storage on paved areas
 - ~ erosion and sediment control
 - ~ pavement cleaning
 - ~ storm sewer cleaning
 - ~ maintenance of sanitary sewers (leaks, overflows)
 - ~ spill prevention plans