

**Wayne County ARC 2014 Illicit Discharge Elimination Plan (IDEP)  
Activities  
Work Plan – Approved by Tech Comm on 3/25/14**

**Introduction**

Wayne County Department of Public Services, Water Quality Management Division (WQMD) is requesting the ARC Executive Director (ED) authorize the IDEP Field Investigation funding allocated to Wayne County. An estimated 30 facilities will be dye tested with 2014 funding.

**Work Plan**

**Task 1: Update Priority Areas**

WQMD will assist ARC Executive Director with reviewing and analyzing existing data in order to update the map of the priority IDEP areas. WQMD staff will update the Priority Areas map for inclusion in the ARC's Collaborative IDEP Action Plan.

**Task 2: Dye Test Alliance of Rouge Communities Municipal Facilities.**

ARC members will be surveyed to determine if nested facilities (e.g. schools) under their permit need to be dye tested. It is anticipated up to 10 ARC member municipal/nested facilities will be dye tested by WQMD.

**Task 3: Dye Test Commercial/Industrial Facilities within the Priority Areas.**

After completing Task 1 & 2, WQMD will use the remaining 2014 budget to dye test commercial/industrial facilities not previously tested along the commercial/industrial corridors within the geographic area bounded by Nine Mile on the north; Inkster Road on the east; Six Mile Road on the south; and Farmington Road on the west. The appropriate follow up on facilities with illicit connections/discharges or environmental concerns will be conducted. It is estimated that 20 commercial/industrial facilities can be dye tested.

**Task 4: Investigative Monitoring and Residential Dye Testing.**

WQMD will perform investigative monitoring of outfalls, manholes, or surface waters based on complaints or referrals from ARC members. Investigation may include the collection of samples and analysis for parameters such as *E. coli*, surfactants, ammonia, pH, and conductivity.

**Task 5: Reporting**

A summary of activities and results will be provided at ARC Technical Committees and for purposes of the ARC's Annual Report.

