



## Tetra Tech EM Inc.

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### MEMORANDUM

**Date:** 04 Apr 02

**To:** Dave Sawicki, Project Manager, Tetra Tech EM Inc. (Tetra Tech)  
Superfund Technical Assessment and Response Team (START) for Region 5

**From:** Harry Ellis, Chemist, Tetra Tech START for Region 5

**Subject:** Data Validation for  
St. Clair Shores Site  
St. Clair Shores, Michigan  
Analytical Technical Direction Document (TDD) No. S05-0203-003  
Project TDD No. S05-0203-002

Laboratory: Clayton Group Services (Clayton), Novi, Michigan  
Work Order No. 02030304  
Polychlorinated Biphenyl (PCB) and Resource Conservation and Recovery Act (RCRA)  
Metals Analysis of 15 Water, 7 Sediment Samples, and PCB Analysis of 10 Wipe Samples

### 1.0 INTRODUCTION

The Tetra Tech START for Region 5 evaluated PCB and RCRA metals analytical data for 15 water and 7 sediment samples, and PCB analytical data for 10 wipe samples collected on 11 March 02 during a removal site evaluation of the St. Clair Shores site in St. Clair Shores, Michigan. The samples were analyzed under the above-referenced work order by Clayton using U.S. Environmental Protection Agency (U.S. EPA) SW-846 Method 8082 for PCB analysis of water and sediment samples; SW-846 Method 6020 for analysis for RCRA metals other than mercury of water and sediment samples; SW-846 Method 7470A for mercury analysis of water samples; and SW-846 Method 7471A for mercury analysis of sediment samples. Wipe samples were analyzed for PCBs by National Institute for Occupational Safety and Health Method 5503 for extraction and U.S. EPA SW-846 Method 8082 for analysis.