



MEMORANDUM

Date: 05 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 Nos. 02030346, 02030349, 02040404, and 02040431
Polychlorinated Biphenyl (PCB) and Resource Conservation and Recovery Act
(RCRA)Metals Analysis of 8 Water Samples and 87 Sediment Samples, and PCB Analysis
of 3 Wipe Samples

1.0 INTRODUCTION

The Tetra Tech START for Region 5 evaluated PCB and metals analytical data for 8 water samples, 87 sediment samples, and 3 wipe samples collected on 12 through 14 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 orders 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.