



MEMORANDUM

Date: 30 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: AAC Trinity (AACT), Farmington Hills, Michigan
Work Orders No. 02-0636 and 02-0741
Polychlorinated Biphenyl (PCB) and Resource Conservation and Recovery Act (RCRA)
Metal Analysis of Nine Water Samples and Five Sediment Samples; PCB Analysis of Four
Wipe Samples

1.0 INTRODUCTION

Tetra Tech START for Region 5 evaluated PCB and RCRA metal analytical data for nine water samples and five sediment samples as well as PCB analytical data for four wipe samples collected on 07 Mar 02 during a site assessment of the St. Clair Shores site in St. Clair Shores, Michigan. The water, sediment, and wipe samples were analyzed under the above-referenced work orders by AACT using U.S. Environmental Protection Agency (U.S. EPA) SW-846 Method 8082 for PCB analysis. Water samples were analyzed for RCRA metals using SW-846 Methods 6020 (all metals except mercury) and 7470A (mercury). Additionally, sediment samples were analyzed for RCRA metals using SW-846 Methods 6010B (barium and chromium), 7421 (lead), 7061A (arsenic), 7131A (cadmium), 7471A (mercury), 7741A (selenium), and 7760A (silver). START identified several inconsistencies between the