

July 1, 2008

Mr. Derek Delacourt
Planning Department
City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, MI 48309

*RE: Proposal to Conduct Limited Phase II Investigation,
City Property Adjacent to Former Christianson-Adams Dump
and Riverbend Park, ASTI Project 6348-57*

Dear Derek:

ASTI Environmental (ASTI) is pleased to present its proposal to conduct a limited Phase II Environmental Site Assessment on the above-referenced property. ASTI's proposal is to implement the concepts discussed in the meeting of June 18th, in which it was agreed that the first step is to make test pits with an excavator near the Christianson-Adams Dump property line to determine presence/absence of waste or impacted soils on City property.

On June 24th, under George Kandler's direction, Steve Guyot, Geologist, inspected the area in which test pits are proposed to determine the feasibility of making test pits and the equipment required to make them. From this inspection, ASTI determined that: (1) a 10 – 12-ft topographic change from the Christianson-Adams Dump to City property indicates that test pits must be excavated to greater depths than discussed in the June 18th meeting, (2) to accomplish this, a larger, tracked excavator will be required, and (3) some selective cutting of vegetation will be required to get the excavator to the locations of test pits.

Because there are mature trees on City property, ASTI recommends that Mr. Mike Hartner or his designate be present at the time the excavator is off-loaded to guide the cutting of vegetation.

Scope of Work

ASTI will conduct the following work:

1. Review of Previous Studies and Documents; Develop Test Pit Plan

In the course of evaluating the Suburban Softball property, ASTI collected a large amount of records and reports on the Christianson-Adams Dump. ASTI will review this work and make FOIA requests to agencies as necessary to ensure completeness of the review. ASTI will also obtain all readily-available aerial photographs and study them to identify optimal locations for test pits. ASTI will develop a sketch of proposed test pit locations on a base map developed from the City's GIS database.

ASTI will distribute the test pit plan to City staff, including you, Paul Davis, and Mike Hartner for information and review.

2. Excavate Test Pits, Collect and Analyze Samples

ASTI's site inspection indicates that an excavator and geologist will need an estimated two days at the property to make test pits, collect samples and backfill the pits. As the test pits are excavated, ASTI's geologist will collect approximately 12 samples during the two-day period. Sample collection will be guided by observations of the excavated material. During the site work, one blank sample and one replicate sample will be prepared each day, and submitted to the laboratory for analysis along with the environmental samples.

Samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds, (SVOCs), PCBs, and 10 "Michigan Metals." Sample analysis will be at normal, 5-business-day turnaround to minimize expense to the City.

Should site conditions indicate that the proposed two-day effort and/or number of samples must be increased, ASTI will notify you of site conditions and propose additional work for your review. ASTI will provide a revised cost estimate which includes the proposed additional work. ASTI will not conduct additional site work without authorization by City representatives.

3. Data and Information Interpretation and Report

ASTI will prepare a drawing illustrating actual test pit locations and correlate photographs of the pits and excavated material in order to provide an effective visual presentation of the work and findings. The drawing, together with the analytical data, will be the foundation for ASTI's report of methods, findings, and conclusions.

ASTI will distribute the report as a draft to City staff, meet with staff to review the draft, and prepare a final report based on the review meeting.

Cost Estimate

ASTI's cost estimate for the Scope of Work is conservatively estimated as follows:

Field Services, labor and materials	\$5,800
Field Services, excavator + operator	\$4,900
Sample Analysis, 12 samples	\$6,900
Data Analysis and Report	\$2,500
Total	\$20,100

The cost estimate includes a 4% mark-up of subcontractor and laboratory services as dictated by ASTI's contract with the City. Labor rates for ASTI staff are the 2006 labor rates in the contract.

Schedule

ASTI will begin the Scope of Work within one week of receipt of authorization by the City. ASTI estimates that the work will require 3-4 weeks, depending on weather/site conditions.

Should the City wish to modify the Scope of Work, ASTI would be pleased to discuss alternative approaches to achieve the City's goals. Should you have any questions, please contact me (cell: 810.599.5471) or George Kandler, Director of Property Services at ASTI (cell: 810.623.0036).

Sincerely,

ASTI ENVIRONMENTAL



Peter G. Collins
Vice President, Director of Environmental Planning
Professional Wetland Scientist #1031
Certified Environmental Professional, Environmental Assessment, #1021

cc: Paul Davis, PE, City Engineer
Mike Hartner, Director, Parks and Forestry
George Kandler, ASTI