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September 30, 1998

Sara-Lee Corporation
Three First National Plaza
Chicago, IL 60602-4260

Attention: Mr. George Johnson

Subject: **Phase 5 Investigation Workplan**
Champion Products Company
Perry, NY
Delta Project No. S098-009

Dear Steve:

This workplan presents a scope of work and cost estimate to complete the referenced work. The scope of work outlined in this plan is based on the findings of previous investigations completed by Delta.

INTRODUCTION

The purpose of this plan is to detail the proposed scope of work to perform the following activities:

1. Advance one soil boring in the waste drum storage area to better determine the extent of tetrachloroethene (PCE) in the soil.
2. Installing two water table monitoring wells in the north-central area of the property to define the extent of dissolved phase petroleum hydrocarbons in ground water and to determine ground water flow direction.
3. Obtain additional ground water and surface water elevations and samples from the existing site monitoring wells.
4. Excavate existing concrete vault from subsurface and upgrade with a new collection system.

PROPOSED SCOPE OF WORK

The proposed scope of work is based on the historical use of a UST system along the north portion of the office building where a former car dealership was located, and the results of previous investigations which indicated the presence of PCE above DEC guidance values at soil boring SB-20. The proposed scope of work will include the following tasks:

Task 1 - Additional UST Investigation

Two monitoring wells (MW-115 and MW- 116) will be installed to an approximate depth of 20 feet in the north-central portion of the site either within the right-of-way of State Route 39 (North Main Street) or on the adjoining residential property. The New York Department of Transportation will be contacted in order to determine the procedure necessary to install the wells along the state roadway. The wells will be installed using hollow-stem auger drilling methods at the locations shown in Figure 1. One soil sample will be obtained from each soil boring and one ground water sample will be collected following well installation. The purpose of obtaining the samples will be to evaluate the off-site impact of hydrocarbon releases associated with a historic UST system located in the north-central portion of the site.

The soil and ground water samples will be submitted to Upstate Laboratories, Inc. (Upstate) for analysis of gasoline related VOCs (EPA method 8021) as per the NY DEC STARS guidance policy.

Monitoring wells MW-115 and MW-116 will be completed using clean quartz sand to create a filter pack around the screened interval and will extend two feet above the top of the well screen. Bentonite pellets will be used to place a 1- to 3-foot thick bentonite seal above the filter pack to minimize the vertical migration of ground water along the well borehole. Cement/bentonite grout will be used to seal the remainder of the borehole and the protective cover will be set in concrete. The monitoring wells will be completed with a locking flush mount steel protective cover.

Task 2 - Additional Soil and Ground Water Investigation - Hazardous Waste and Empty Drum Storage Areas

One soil boring (SB-22) will be advanced to an approximate depth of 16 feet at the location shown on Figure 1 using Geoprobe direct push technology. One soil sample and one ground water sample will be obtained from the boring and the samples will be submitted to Upstate for analysis of VOCs (EPA method 8260).

Task 3 - Additional Ground Water and Surface Water Data

Additional ground water and surface water level readings will be obtained. Ground water samples will also be collected from the existing and new monitoring wells. The samples from MW-101 through MW-111, MW-201 and MW- 202 will be submitted to Upstate for analysis of VOCs (EPA method 8060). The samples from MW-112 through MW-116 will be submitted for analysis of VOCs (EPA method 8021). For quality assurance/quality control purposes, one duplicate, trip blank and field blank sample will be obtained and analyzed for VOCs. Samples will be reported based on a standard turnaround time of 10 working days.

Task 4 - Survey the Vertical and Horizontal Location of the New Monitoring Wells

A New York licensed surveyor will be contracted to survey the horizontal and vertical location of the proposed monitoring wells.

Task 5 - Summary Report

A summary report will be prepared detailing the completed tasks and comparison of NY DEC guidance values and ground water standards with appropriate recommendations.

Task 6 - Database Management (Geographic Information System - GIS)

Due to the volume of historic and projected future site data to be generated, Delta proposes to integrate the data into a computer database management system. The GIS management system is capable of effectively managing such data as water levels, chemistry, concentrations, and well construction characteristics. In addition, the system can rapidly produce water table and chemical specific concentration maps and cross sections using contouring software. The GIS system will greatly reduce subsequent data management and interpretation time that will be required over the project duration.

Task 7 - Screen Wash Vault Decommission

The existing screen wash vault is proposed to be removed and replaced to mitigate future risk of releases. The removal of the existing subgrade tank and the installation of a new collection system must be done in a manner as to not disrupt current facility operations. Excavation and installation design plans are recommended to be completed by Delta and reviewed by plant personnel prior to initiation of this task.

Following approval of the plans, the existing concrete vault will be excavated from the subsurface and upgraded with a new collection system in order to satisfy operational needs. Upon removal, soil samples will be obtained from the base and sidewalls of the concrete vault in order to evaluate soil quality.

SCHEDULE

The proposed tasks will be completed according the following schedule:

Task	Completed by
Tasks 1-4	Within 3 weeks of authorization.
Tasks 5 & 6	Five working days following laboratory analysis reporting.
Task 7	Complete design of the new system within 3 weeks of authorization
	Excavate and install new collection system within 30 days following design approval.

COST ESTIMATE

A time and materials cost estimate to perform the scope of work is presented below:

Task	*Cost*
Delta Labor/Expenses	$ 10,300
Monitoring Well Installation & Soil Borings	$ 4,280
Laboratory analysis (standard 2 weeks laboratory turnaround)	$ 3,519
Surveyor	$ 300
Database Management (GIS)	$ 2,500
Tank Removal and Replace (estimated cost, actual cost will be determined upon completing the installation design plans and selection of the new collection system)	$ 20,000
Total:	**$ 40,899**

Please contact us at (800) 616-8384 if you have any questions or comments.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Patrick J. Haller, P.E.
Project Manager

Stephen A. Zbur, P.G.
Senior Consultant

cc: Carl Drum, Champion Products Company

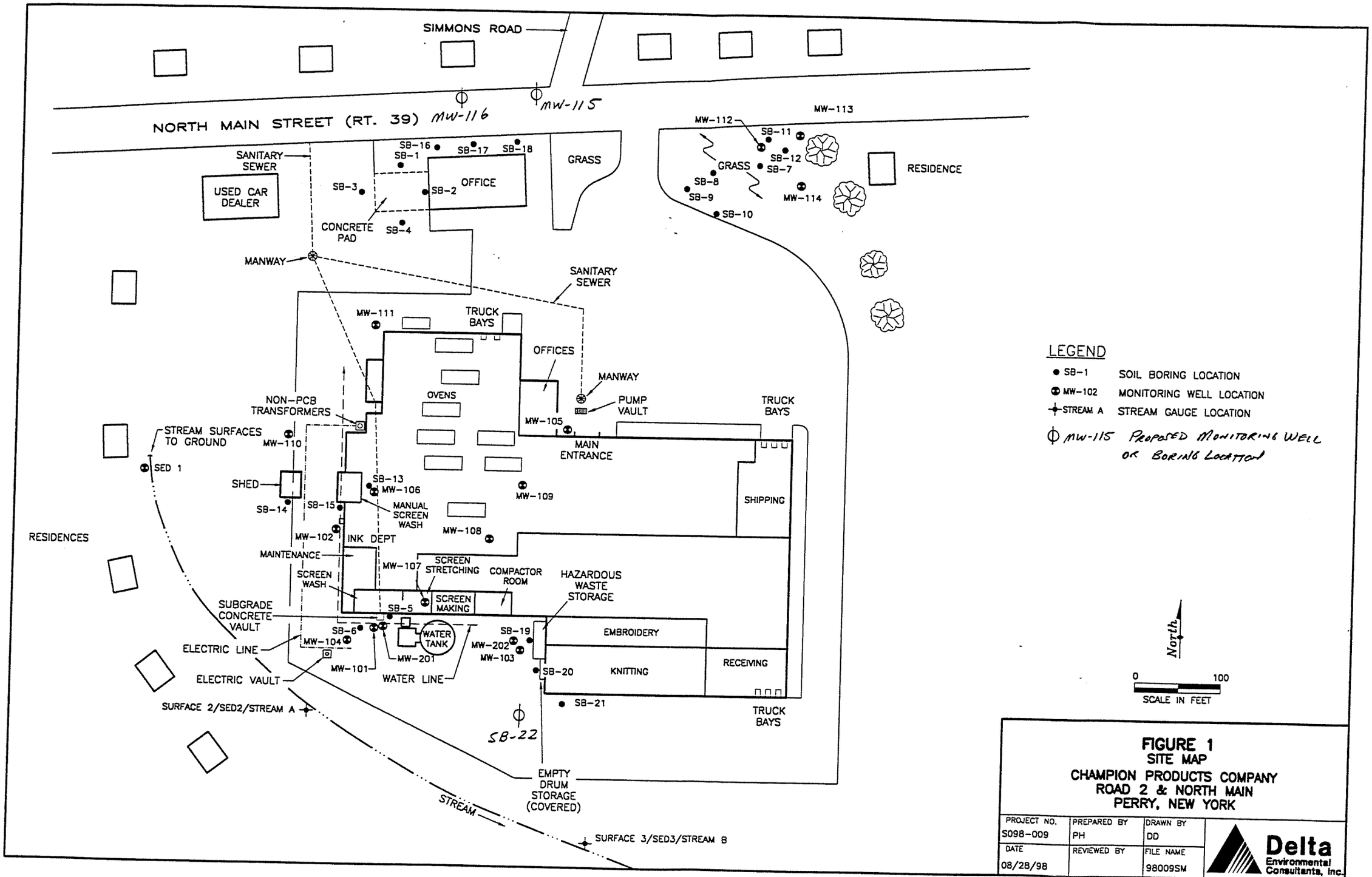

FIGURE 1
SITE MAP
CHAMPION PRODUCTS COMPANY
ROAD 2 & NORTH MAIN
PERRY, NEW YORK

PROJECT NO.	PREPARED BY	DRAWN BY
S098-009	PH	DD
DATE	REVIEWED BY	FILE NAME
08/28/98		98009SM

Delta Environmental Consultants, Inc.