



SKILLINGS &  
CHAMBERLAIN, INC.  
CONSULTING ENGINEERS  
5024 Lacey Boulevard S.E.  
Lacey, Washington 98503

Lacey 206/491-3399  
FAX 206/491-3857

May 14, 1990  
#89251

W. Thomas Todd  
LUST Site Manager  
Department of Ecology  
7272 Cleanwater Lane <U-11  
Olympia, WA 98504-6811

Re: South Tacoma Honda Closure Plan

Dear Mr. Todd:

Additional soils and water testing at the South Tacoma Honda site in Tacoma has been completed per your requirement for the closure plan approval. A soil sample was collected and tested for TPH, BTX, EP toxicity - metals and PCB's. The soil sample was collected at a depth of approximately 10 feet. Sample collections was performed by Mickleson Construction.

During the initial testing, a ground water monitoring well was constructed near the spill area. This well was sampled on March 28, 1990 and analyzed for Total Petroleum Hydrocarbons. The laboratory results indicate a TPH of 3.4 ppm for this sample.

The results of the soil analysis are presented below:

Analysis

PCB's	<1 ppm
Lead	<0.01 mg/l
Chromium	<0.002 mg/l
Silver	<0.004 mg/l
Barium	0.127 mg/l
Cadmium	<0.005 mg/l
Arsenic	<0.08 mg/l
Mercury	<0.02 mg/l
Selenium	<0.1 mg/l
TPH	663 ppm

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Benzene	<0.01 ppm
Toluene	<0.01 ppm
Ethyl Benzene	<0.01 ppm
Para Xylene	<0.01 ppm
Meta Xylene	<0.01 ppm
Ortho Xylene	<0.01 ppm

I believe this testing meets all the conditions of your March 9th letter. Please review the enclosed laboratory data and notify me if any additional work needs to be performed to obtain the final closure plan approval.

SKILLINGS & CHAMBERLAIN, INC.  
CONSULTING ENGINEERS

*Shelly Peterson*  
Michele S. Peterson

MSP:jw(90I89251514)

cc: John Hildenbrand

Robert Nelson

# SPECTRA Laboratories, Inc.

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4850

MAY 4 1990

May 3, 1990

Mickelson Construction Co., Inc.  
2724-B Black Lake Blvd.  
Olympia, WA 98502  
Customer #81764

Attn: Ron Mickelson

Sample ID: #1  
Desc: Soil  
→ Date Taken: 4-24-90  
Site: So. Tacoma Honda  
Spectra #33911  
(Additional Testing)

PCB's, ppm <1

EP Toxicity Metals, mg/l

Lead	(Pb)	<0.01
Chromium	(Cr)	<0.002
Silver	(Ag)	<0.004
Barium	(Ba)	0.127
Cadmium	(Cd)	<0.005
Arsenic	(As)	<0.08
Mercury	(Hg)	<0.02
Selenium	(Se)	<0.1

PCB's by EPA Method 8080  
EP Toxicity testing performed by EPA Method 1310

SPECTRA LABORATORIES, INC.

  
Steven G. Hibbs, Chemist

**SPECTRA Laboratories, Inc.**

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4858 **MAY 10 1990**

April 3, 1990

Mickelson Construction Co. Inc.  
2724-B Black Lake Blvd.  
Olympia, WA 98502  
Customer #81764

Attn: Craig

Sample ID: #1  
Date Taken: 3-28-90  
Site: So. Tacoma Honda  
Desc: Water  
Spectra #33991

Total Petroleum Hydrocarbons, ppm 3.4

Total Petroleum Hydrocarbons testing performed by EPA Method 418.1

SPECTRA LABORATORIES, INC.

  
Steven G. Hibbs, Chemist

# SPECTRA Laboratories, Inc.

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4850

March 30, 1990

Mickelson Construction  
2724-B Black Lake Blvd.  
Olympia, WA 98502  
Customer #81764

Sample ID: #1  
Desc: Soil  
Date Taken: 3-24-90  
Site: So. Tacoma Honda  
Spectra #33911

Attn: Nels Anderson

Total Petroleum Hydrocarbons, ppm 663

## BTX, ppm

Benzene	<0.01
Toluene	<0.01
Ethyl Benzene	<0.01
Para Xylene	<0.01
Meta Xylene	<0.01
Ortho Xylene	<0.01

Total Petroleum Hydrocarbons testing performed by EPA Method 418.1  
BTX testing performed by EPA Method 8020

SPECTRA LABORATORIES, INC.

  
Steven G. Hibbs, Analyst