

February 13, 1995

Dodsons IGA Market
3705 Mount Baker Highway
Everson, WA 98247

Attn: Dave Dodson

Re: Report
Ground Water Monitoring
Dodsons IGA Market
3705 Mount Baker Highway
Everson, Washington

Dear Mr. Dodson:

We present this Report with the results and discussion of the February, 1995 water monitoring of MW-2 and MW-3 at Dodsons IGA Market. Ground water was sampled on February 3, 1995. Sampling was conducted in accordance with your request during a meeting in our office on January 6, 1995.

SCOPE OF SERVICES

The scope of services for this sampling event at Dodsons IGA Market includes the following items:

- Measure the depth to ground water and collect ground water samples from Monitoring Well (MW)-2 and MW-3. Samples from MW-2 and MW-3 were collected on the same day that samples were collected from the on-site drinking water well (MW-5) by B&C Drilling. The monitoring well locations are indicated in Figure 1.
- Prepare samples for shipping and analysis. Each sample is analyzed for gasoline and BTEX (benzene, toluene, ethylbenzene, and total xylenes) using the WTPH-G and EPA 8020 methodology, as approved by the WDOE.
- Prepare a written report and summary of our findings.

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LABORATORY RESULTS

Laboratory results reported by CCI Laboratories in Everett, Washington, using methodology approved by the WDOE, are presented in Table 1. The laboratory report for this monitoring event is presented in the appendix. Compiled data from previous sampling events are presented in Table 2 in the appendix.

Table 1

Laboratory Results
Ground Water Samples (collected 02-03-95)

Sample	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)
(WAC 173-340 Standard)	(1000.0)	(5.0)	(40.0)	(30.0)	(20.0)
MW-2	2000	850	500	68	300
MW-3	<50 ND	1.3	<1 ND	<1 ND	<3 ND

ND, Not detected at indicated concentration

Laboratory results indicate that the WAC 173-340 standards were exceeded for gasoline and BTEX in MW-2. Benzene was detected below the cleanup standard, but other parameters were not detected in MW-3.

CONCLUSIONS

Gasoline and BTEX compounds remain above WAC 173-340 standards in MW-2. The concentration of gasoline, benzene, and ethylbenzene were lower, and the concentration of toluene and xylenes were higher in MW-2 during this sampling event relative to the December 7, 1994 sampling event (Table 2). Gasoline was not detected, and benzene was detected at a lower concentration (below the WAC 173-340 recommended cleanup standard) in MW-3 relative to the December 7, 1994 sampling event (Table 2).

Upon your approval, we will forward a copy of this report to Ben Forsom at the Washington State Department of Ecology.

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We appreciate the opportunity to be of service to you. Should you have any questions concerning this report, please contact our office at (360) 676-9589 or (800) 859-5597.

Sincerely yours,

W. D. PURNELL & ASSOCIATES, INC.,

Willard D. Purnell, P.E.G.
Professional Engineering Geologist

Jon M. Einarsen, Ph.D.
Geologist

cc: Ben Forsom, Washington State Department of Ecology

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Laboratories

Serving the Environmental, Aerospace and Defense Industries

CERTIFICATE OF ANALYSIS

CLIENT: W. D. PURNELL AND ASSOC.
2138 HUMBOLDT ST.
BELLINGHAM, WA 98227

DATE: 2/8/95
CCIL JOB #: 502012
CCIL SAMPLE #: 1
DATE RECEIVED: 2/6/95
WDOE ACCREDITATION #: C142

CLIENT CONTACT: JON EINARSEN

CLIENT PROJECT ID: DODSON'S IGA 93048C.94
CLIENT SAMPLE ID: MW-2 2/3/95

DATA RESULTS

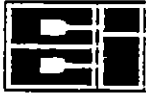
ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS DATE	ANALYSIS BY
TPH-GASOLINE	WTPH-G	2000	UG/L	1000 UG/L	2/7/95	KLP
BENZENE	EPA-8020	850	UG/L	5 UG/L	2/7/95	KLP
TOLUENE	EPA-8020	500	UG/L	40 UG/L	2/7/95	KLP
ETHYLBENZENE	EPA-8020	68	UG/L	30 UG/L	2/7/95	KLP
XYLENES	EPA-8020	300	UG/L	20 UG/L	2/7/95	KLP

* "ND" INDICATES ANALYTE NOT DETECTED. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

*** ACTIONS LEVELS ARE PROVIDED ONLY WHEN PARAMETER DATA IS USED FOR A GENERALLY
CONSISTENT APPLICATION. WHEN PROVIDED, THEY SHOULD BE USED AS GUIDELINES ONLY.
THE APPROPRIATE REGULATORY DOCUMENT SHOULD BE CONSULTED BEFORE MAKING ANY
DECISIONS BASED ON ANALYTICAL DATA

APPROVED BY: CRJ



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CLIENT: W. D. PURNELL AND ASSOC.
2138 HUMBOLDT ST.
BELLINGHAM, WA 98227

DATE: 2/8/95
CCIL JOB #: 502012
CCIL SAMPLE #: 2
DATE RECEIVED: 2/6/95
WDOE ACCREDITATION #: C142

CLIENT CONTACT: JON EINARSEN

CLIENT PROJECT ID: DODSON'S IGA 93048C.94
CLIENT SAMPLE ID: MW-3 2/3/95

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ACTION LEVEL***	ANALYSIS	ANALYSIS
					DATE	BY
TPH-GASOLINE	WTPH-G	ND(<50)	UG/L	1000 UG/L	2/7/95	KLP
BENZENE	EPA-8020	1.3	UG/L	5 UG/L	2/7/95	KLP
TOLUENE	EPA-8020	ND(<1)	UG/L	40 UG/L	2/7/95	KLP
ETHYLBENZENE	EPA-8020	ND(<1)	UG/L	30 UG/L	2/7/95	KLP
XYLENES	EPA-8020	ND(<3)	UG/L	20 UG/L	2/7/95	KLP

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APPROVED BY: CRP



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CLIENT CONTACT: JON EINARSEN

CLIENT PROJECT ID: DODSON'S IGA 93048C.94

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
502012-01	WTPH-G	TFT	92
502012-01	EPA-8020	TFT	119
502012-02	WTPH-G	TFT	90
502012-02	EPA-8020	TFT	119

APPROVED BY: CR21