

L55.325

April 20, 2001

Robert Weimer
ADEC/UST
555 Cordova St.
Anchorage, AK 99501

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APR 23 2001

Dept. of Environmental Conservation
Underground Storage Tanks — FAP

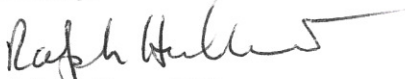
Re: Senco; Spill #98210030101; Monitoring Well Results; Sixth Sampling Event

This sampling event only sampled MW2. The only detected analyte was benzene at .00053 mg/L, about one tenth of default limits. This value has been relatively stable for about a year, leading to questions about its source and whether it is truly benzene. Since the well is shallow, biogenic sources are possible. The bitumen coating of the adjacent sewer line is a possibility, as well as the ABS monitoring well casing. In any case, the method reporting limit is .0007 mg/L, raising the issue of whether these values should more appropriately be classified as non-detect.

The next scheduled event is October for all three wells.

If you have any questions, please give me a call.

Sincerely,



Ralph Hulbert, P.E.

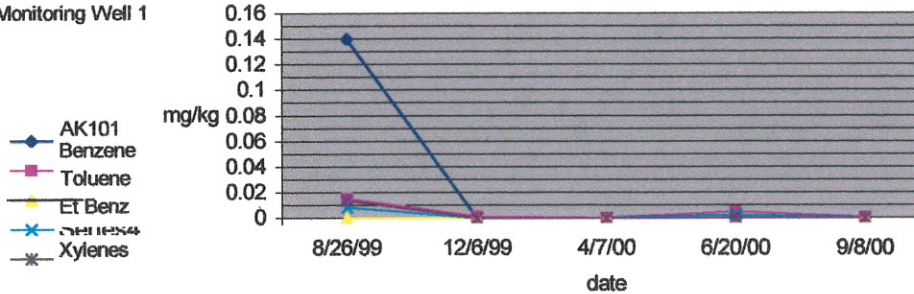
Att: Lab results
Monitoring Well Log

Cc: Clay Dial, Senco Alaska

Monitoring Well Log

Monitoring Well #1 Results in mg/kg							
Sample #	Date	AK101	Benzene	Toluene	Et Benz	Xylenes	Depth
Goal		1.3	0.005	1	0.7	10	ft BTOC
	5/28/99						2.87
MW1	8/26/99	0.14	0.0154	0	0.00847	0.01377	1.21
SMW1	12/6/99	0	0.00148	0	0	0	5.5
MW1	4/7/00	0	0	0	0	0	5.2
SMW62000-1	6/20/00	0	0.00508	0	0.00273	0	3.33
SMW9800-1	9/8/00	0	0.000507	0	0	0	3.3
							Fifth test

Monitoring Well 1

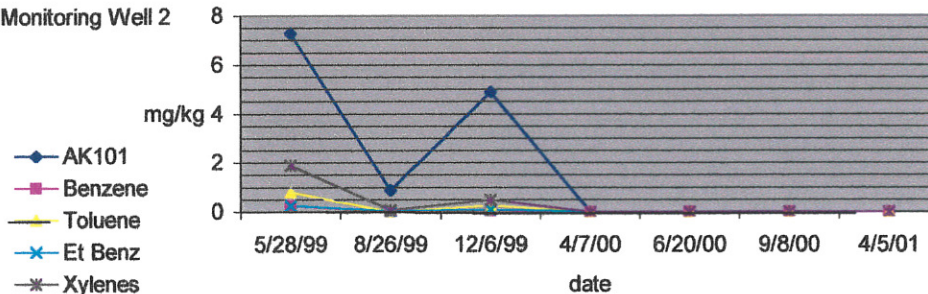


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Monitoring Well #2 Results in mg/kg							
Sample #	Date	AK101	Benzene	Toluene	Et Benz	Xylenes	Depth
SGW99-1	5/28/99	7.3	0.25	0.815	0.259	1.89	3.53
MW2	8/26/99	0.89	0.00561	0.0043	0.0206	0.0743	1.71
SMW2	12/6/99	4.9	0.0632	0.273	0.0917	0.489	5.81
MW2	4/7/00	0	0	0	0	0	5.5
SMW62000-2	6/20/00	0	0.000956	0	0	0	3.75
SMW9800-2	9/8/00	0	0.000569	0	0	0	4.6
S4501	4/5/01	U	0.00053	U	U	U	6.31
							7th test

Monitoring Well 2



Monitoring Well #3 Results in mg/kg							
Sample #	Date	AK101	Benzene	Toluene	Et Benz	Xylenes	Depth
MW3-GW1	6/8/99	0	0	0	0	0	26.48
MW3	8/26/99	0	0	0	0	0	26.24
SMW3	12/6/99	0	0	0	0	0	24.28
MW3	4/7/00	0	0	0	0	0	25.33
SMW62000-3	6/20/00	0	0	0	0	0	26.33

Notes: Lab non-detects are assigned zero values for graphing purposes. Shaded cells exceed target goals

**CT&E Environmental Services Inc.****Laboratory Division****Laboratory Analysis Report**

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel: (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.cteesi.com>

Reports To:

Hulbert, Ralph P.E.
P.O. Box 1846
Palmer, AK 99645

Work Order:	1011678 Senco MW2
Client:	Hulbert, Ralph P.E.
Report Date:	April 16, 2001

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by CT&E. A copy of our Quality Control Manual that outlines this program is available at your request.

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth in our Quality Assurance Program Plan.

If you have any questions regarding this report or if we can be of any other assistance, please call your CT&E Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

- U Indicates the analyte was analyzed for but not detected.
- J Indicates an estimated value that falls below PQL, but is greater than the MDL.
- B Indicates the analyte is found in the blank associated with the sample.
- * The analyte has exceeded allowable limits.
- GT Greater Than
- D Secondary Dilution
- LT Less Than
- ! Surrogate out of range

SGS Member of the SGS Group (Societe Generale de Surveillance)

200 W. Potter Drive, Anchorage, AK 99518-1605 — Tel: (907) 562-2343 Fax: (907) 561-5301
3180 Peger Road, Fairbanks, AK 99709-6471 — Tel: (907) 474-8856 Fax: (907) 474-9685

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CT&E Environmental Services Inc.

CT&E Ref.# 1011678001
 Client Name Hulbert, Ralph P.E.
 Project Name/# Senco MW2
 Client Sample ID S4501
 Matrix Water (Surface, Eff., Ground)
 Ordered By

Client PO#
 Printed Date/Time 04/16/2001 15:52
 Collected Date/Time 04/05/2001 15:10
 Received Date/Time 04/05/2001 15:35
 Technical Director Stephen C. Edle
 Released By *Shonda Struck*

Sample Remarks:

Parameter	Results	PQL	Units	Method	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department								
Gasoline Range Organics	0.0900 U	0.0900	mg/L	AK101/8021B		04/13/01	04/14/01	MAH
Benzene	0.000530	0.000500	mg/L	AK101/8021B		04/13/01	04/14/01	MAH
Toluene	0.00200 U	0.00200	mg/L	AK101/8021B		04/13/01	04/14/01	MAH
Ethylbenzene	0.00200 U	0.00200	mg/L	AK101/8021B		04/13/01	04/14/01	MAH
P & M -Xylene	0.00200 U	0.00200	mg/L	AK101/8021B		04/13/01	04/14/01	MAH
o-Xylene	0.00200 U	0.00200	mg/L	AK101/8021B		04/13/01	04/14/01	MAH
Surrogates								
1,4-Difluorobenzene <Surr>	94.7		%	AK101/8021B	60-120	04/13/01	04/14/01	MAH
4-Bromofluorobenzene <Surr>	79.3		%	AK101/8021B	50-150	04/13/01	04/14/01	MAH