

Pederson, Carrie (ECY)

From: Vigoren, Leah R [Leah.Vigoren@amec.com]
Sent: Saturday, November 19, 2011 7:33 PM
To: Pederson, Carrie (ECY)
Subject: NW2353 Skagit Farmers Wolfkill Supply Yard
Attachments: 1102102 Narr.pdf; 1102102.pdf

Carrie,

Attached are groundwater sample results collected in February 2011.

Should you have any questions, feel free to contact me.

Leah R. Vigoren | Senior Project Manager

AMEC | 600 University, Suite 600 | Seattle, WA 98101
206.838.8470 (direct) | 206.342.1761 (fax) | leah.vigoren@amec.com

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed.
Its contents (including any attachments) may contain confidential and/or privileged information.
If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents.
If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.



February 25th, 2011

Ms. Meg Strong
AMEC Earth and Environmental
11810 North Creek Pkwy N.
Bothell, WA 98011

RE: Samples received from 205 West Fir Street, Mount Vernon, Washington

Dear Ms. Strong,

On February 15th we received 3 water samples from the above referenced project location. The samples were assigned our project #1102102. The project was identified as your MTVR project. The sample identification and requested analyses are outlined on the attached chain of custody records.

No abnormalities or nonconformances were observed during the analyses of the project samples. Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan

Rick Bagan
Laboratory Director

ADDRESS 8620 Holly Drive, Everett, Washington, USA 98208 | PHONE +1 425 356 2600 | FAX +1 425 356 2626
ALS GROUP USA, CORP. Part of the ALS Laboratory Group A Campbell Brothers Limited Company

ENVIRONMENTAL

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



CERTIFICATE OF ANALYSIS

CLIENT:	AMEC Earth and Environmental 11810 North Creek Pkwy N. Bothell, WA 98011	DATE:	2/16/2011
		ALS JOB#:	1102102
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Leah Vigoren	DATE RECEIVED:	2/15/2011
CLIENT PROJECT:	MTVER	COLLECTION DATE:	2/14/2011 15:10
CLIENT SAMPLE ID	MW1-021411	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/15/2011	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/15/2011	DLC

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
TFT	NWTPH-GX	85.1	02/15/2011	DLC
TFT	EPA-8021	74.1	02/15/2011	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	AMEC Earth and Environmental 11810 North Creek Pkwy N. Bothell, WA 98011	DATE:	2/16/2011
CLIENT CONTACT:	Leah Vigoren	ALS JOB#:	1102102
CLIENT PROJECT:	MTVER	ALS SAMPLE#:	-02
CLIENT SAMPLE ID	MW2-021411	DATE RECEIVED:	2/15/2011
		COLLECTION DATE:	2/14/2011 14:05
		WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/15/2011	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/15/2011	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	97.2	02/15/2011	DLC
TFT	EPA-8021	77.6	02/15/2011	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	AMEC Earth and Environmental 11810 North Creek Pkwy N. Bothell, WA 98011	DATE:	2/16/2011
CLIENT CONTACT:	Leah Vigoren	ALS JOB#:	1102102
CLIENT PROJECT:	MTVER	ALS SAMPLE#:	-03
CLIENT SAMPLE ID	Dup-021411	DATE RECEIVED:	2/15/2011
		COLLECTION DATE:	2/14/2011
		WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/15/2011	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/15/2011	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/15/2011	DLC

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
TFT	NWTPH-GX	92.1	02/15/2011	DLC
TFT	EPA-8021	77.4	02/15/2011	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	AMEC Earth and Environmental 11810 North Creek Pkwy N. Bothell, WA 98011	DATE: 2/16/2011 ALS JOB#: 1102102 WDOE ACCREDITATION: C601
CLIENT CONTACT:	Leah Vigoren	
CLIENT PROJECT:	MTVER	

LABORATORY BLANK RESULTS

MBG-021111W

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/11/2011	DLC

MB-021111W

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	02/11/2011	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/11/2011	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/11/2011	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/11/2011	DLC



CERTIFICATE OF ANALYSIS

CLIENT: AMEC Earth and Environmental DATE: 2/16/2011
11810 North Creek Pkwy N. ALS JOB#: 1102102
Bothell, WA 98011 WDOE ACCREDITATION: C601
CLIENT CONTACT: Leah Vigoren
CLIENT PROJECT: MTVR

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 1485 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	87.0			02/11/2011	DLC
TPH-Volatile Range - BSD	NWTPH-GX	88.9	2		02/11/2011	DLC

ALS Test Batch ID: 1485 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	92.7			02/15/2011	DLC
Benzene - BSD	EPA-8021	91.6	0		02/14/2011	DLC
Toluene - BS	EPA-8021	92.0			02/15/2011	DLC
Toluene - BSD	EPA-8021	91.3	0		02/14/2011	DLC
Ethylbenzene - BS	EPA-8021	89.7			02/15/2011	DLC
Ethylbenzene - BSD	EPA-8021	88.1	0		02/14/2011	DLC
Xylenes - BS	EPA-8021	94.3			02/15/2011	DLC
Xylenes - BSD	EPA-8021	93.5	0		02/14/2011	DLC

APPROVED BY

Laboratory Director

