



Well MW-1

**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#:	-01 ✓
CLIENT SAMPLE ID	MW1-021411	DATE RECEIVED:	2/15/2011
		COLLECTION DATE:	2/14/2011 15:10
		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	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.



MW-2

**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.



MCW-3

**CERTIFICATE OF ANALYSIS**

CLIENT: AMEC Earth and Environmental  
 11810 North Creek Pkwy N.  
 Bothell, WA 98011

CLIENT CONTACT: Leah Vigoren  
 CLIENT PROJECT: MTVR  
 CLIENT SAMPLE ID: Dup-021411

DATE: 2/16/2011  
 ALS JOB#: 1102102  
 ALS SAMPLE#: -03 ✓  
 DATE RECEIVED: 2/15/2011  
 COLLECTION DATE: 2/14/2011  
 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	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 DATE: 2/16/2011  
 11810 North Creek Pkwy N. ALS JOB#: 1102102  
 Bothell, WA 98011 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  
11810 North Creek Pkwy N.  
Bothell, WA 98011

CLIENT CONTACT: Leah Vigoren  
CLIENT PROJECT: MTVR

DATE: 2/16/2011  
ALS JOB#: 1102102  
WDOE ACCREDITATION: C601

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