



RELEASE # 1759
WOLF KILL FERTILIZER
SKAGIT COUNTY FARMERS
RECEIVED

FEB 18 2013

DEPT OF ECOLOGY
TCP - NWRO

VIA E-MAIL JB

MOUNT VERNON

ISTS

NW

February 18, 2013

Ms. Leah Vigoren
AMEC Earth and Environmental
11810 North Creek Pkwy N.
Bothell, WA 98011

Dear Ms. Vigoren,

On February 14th, 4 samples were received by our laboratory and assigned our laboratory project number EV13020076. The project was identified as your MV (1915171670). The sample identification and requested analyses are outlined on the attached chain of custody record.

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
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	AMEC Earth and Environmental 11810 North Creek Pkwy N. Bothell, WA 98011	DATE:	2/18/2013
		ALS JOB#:	EV13020076
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Leah Vigoren	DATE RECEIVED:	2/14/2013
CLIENT PROJECT:	MV (1915171670)	COLLECTION DATE:	2/14/2013 12:20:00 PM
CLIENT SAMPLE ID	MW1-021413	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	02/16/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	02/16/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/16/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/16/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/16/2013	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	90.1	02/16/2013	DLC
TFT	EPA-8021	100	02/16/2013	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

CLIENT CONTACT: Leah Vigoren
 CLIENT PROJECT: MV (1915171670)
 CLIENT SAMPLE ID: MW2-021413

DATE: 2/18/2013
 ALS JOB#: EV13020076
 ALS SAMPLE#: -02
 DATE RECEIVED: 2/14/2013
 COLLECTION DATE: 2/14/2013 1:05:00 PM
 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	02/15/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/15/2013	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	86.1	02/15/2013	DLC
TFT	EPA-8021	101	02/15/2013	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:	2/18/2013
CLIENT CONTACT:	Leah Vigoren	ALS JOB#:	EV13020076
CLIENT PROJECT:	MV (1915171670)	ALS SAMPLE#:	-03
CLIENT SAMPLE ID	Dup01-021413	DATE RECEIVED:	2/14/2013
		COLLECTION DATE:	2/14/2013 8:00:00 AM
		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	02/15/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/15/2013	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	94.2	02/15/2013	DLC
TFT	EPA-8021	106	02/15/2013	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

CLIENT CONTACT: Leah Vigoren
 CLIENT PROJECT: MV (1915171670)
 CLIENT SAMPLE ID: Trip Blank

DATE: 2/18/2013
 ALS JOB#: EV13020076
 ALS SAMPLE#: -04
 DATE RECEIVED: 2/14/2013
 COLLECTION DATE: 2/14/2013 8:00:00 AM
 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	02/15/2013	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/15/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/15/2013	DLC

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
TFT	NWTPH-GX	96.9	02/15/2013	DLC
TFT	EPA-8021	108	02/15/2013	DLC

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



CERTIFICATE OF ANALYSIS

CLIENT: AMEC Earth and Environmental DATE: 2/18/2013
 11810 North Creek Pkwy N. ALS SDG#: EV13020076
 Bothell, WA 98011 WDOE ACCREDITATION: C601

CLIENT CONTACT: Leah Vigoren
 CLIENT PROJECT: MV (1915171670)

LABORATORY BLANK RESULTS

MBG-021313W - Batch 3465 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/13/2013	DLC

MB-021313W - Batch 3465 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	02/13/2013	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	02/13/2013	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/13/2013	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	02/13/2013	DLC



CERTIFICATE OF ANALYSIS

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

DATE: 2/18/2013
ALS SDG#: EV13020076
WDOE ACCREDITATION: C601

CLIENT CONTACT: Leah Vigoren
CLIENT PROJECT: MV (1915171670)

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 3465 - Water by NWTPH-GX

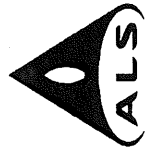
SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	90.0			02/13/2013	DLC
TPH-Volatile Range - BSD	NWTPH-GX	85.3	5		02/13/2013	DLC

ALS Test Batch ID: 3465 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	111			02/13/2013	DLC
Benzene - BSD	EPA-8021	108	3		02/13/2013	DLC
Toluene - BS	EPA-8021	110			02/13/2013	DLC
Toluene - BSD	EPA-8021	105	4		02/13/2013	DLC
Ethylbenzene - BS	EPA-8021	106			02/13/2013	DLC
Ethylbenzene - BSD	EPA-8021	102	4		02/13/2013	DLC
Xylenes - BS	EPA-8021	108			02/13/2013	DLC
Xylenes - BSD	EPA-8021	105	2		02/13/2013	DLC

APPROVED BY

Laboratory Director



ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV13020076

Date 2-14-13 Page 1 Of 1

PROJECT ID: MV (191571670)				ANALYSIS REQUESTED																													
REPORT TO COMPANY: AMEC				OTHER (Specify)																													
PROJECT MANAGER: Leah Vigoren																																	
ADDRESS:																																	
PHONE:																																	
FAX:																																	
P.O. #: E-MAIL: Leah.Vigoren@AMEC.COM																																	
INVOICE TO COMPANY:																																	
ATTENTION:																																	
ADDRESS:																																	
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semi-volatile Organic Compounds by EPA 8270	Polyyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	PB	Pesticides	by EPA 8081/8082	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?			
1. MW1-021413	2.14.13	1220	w	1	X	X	X	X																									
2. MW2-021413		1305	w	2	X	X	X	X																									
3. Dup01-021413		-	w	3	X	X	X	X																									
4. Trip Blank		-	w	4	X	X	X	X																									
5.																																	
6.																																	
7.																																	
8.																																	
9.																																	
10.																																	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
 1. Relinquished By: Shawn Robb AMEC 1452 2/14/13
 Received By: Shawn Robb ACS 2/14/13 14:52
 2. Relinquished By: _____
 Received By: _____

TURNAROUND REQUESTED in Business Days*
 OTHER: _____
 Specify: _____

Organic, Metals & Inorganic Analysis
 10 Standard
 5
 3
 2
 1 SAME DAY

Fuels & Hydrocarbon Analysis
 Standard
 3
 1 SAME DAY

* Turnaround request less than standard may incur Rush Charges