

fax 530.243.7494

voice 530.243.7234 2218 Railroad Avenue Redding, California 96001

December 20, 2006

Lab ID: 6120262

**KEVIN O'SHEA** DURHAM PUMP, INC **POST OFFICE BOX 60 DURHAM, CA 95938** 

RE: GENERAL TESTING GRAN MWC 06-097

Dear KEVIN O'SHEA,

Enclosed are the analysis results for Work Order number 6120262. All analysis were performed under strict adherence to our established Quality Assurance Plan. Any abnormalities are listed in the qualifier section of this report.

If you have any questions regarding these results, please feel free to contact us at any time. We appreciate the opportunity to service your environmental testing needs.

Sincerely,

Ricky D. Jensen Laboratory Director

California ELAP Certification Number 1677



voice 530.243.7234

2218 Railroad Avenue fax 530.243.7494 Redding, California 96001

Report To:

DURHAM PUMP, INC

POST OFFICE BOX 60

DURHAM, CA 95938

Attention: KEVIN O'SHEA

Project: GENERAL TESTING GRAN MWC 06-097

Lab No:

6120262 12/20/06

Reported: Phone:

(530) 521-6407

P.O. #

## **Volatile Organic Compounds**

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
NEW WELL Drinking Water	(6120262-01)	Sampled:12/	07/06 14:42	Received:12				Торигон	
Benzene	ug/l	ND .	•	0.03	0.50	EPA 524.2	12/13/06	12/13/06	B6L0384
Bromobenzene	11	ND		0.06	0.50		11, 10, 00	"	"
Bromochloromethane	II.	ND		0.08	0.50	n	11	**	11
Bromodichloromethane	п	ND		0.06	0.50	If	11	II .	11
Bromoform	U	ND		0.07	0.50	o o	11	**	17
Bromomethane	II .	ND		0.08	0.50	ır	17	H	U
n-Butylbenzene	U	ND		0.08	0.50	**	"		If
sec-Butylbenzene	II	ND		0.07	0.50	II .	n	H	n
tert-Butylbenzene	et e	ND		0.08	0.50	**	11	n	If
Carbon tetrachloride	н	ND		0.04	0.50	n	n n	It	ti
Chlorobenzene	п	ND		0.07	0.50	п	п	11	11
Chloroethane	tt	ND		0.08	0.50	II .	n .		11
2-Chloroethylvinyl ether	н	ND		0.09	1.00	"	If	11	n
Chloroform	0	0.26	J	0.07	0.50	**	u	п	"
Chloromethane	II	ND	-	0.05	0.50	n n	u u	IT	**
2-Chlorotoluene	n .	ND		0.10	0.50	н	ıt	11	u u
4-Chlorotoluene	ıı	ND		0.09	0.50	11	n	11	II .
Dibromochloromethane	11	ND		0.02	0.50	11	11	п	71
Dibromochloropropane	U	ND		0.20	0.50	н	н	n	n
Dibromomethane	II .	ND		0.06	0.50	п	н	"	11
1,2-Dichlorobenzene	11	ND		0.07	0.50	n	IT	н	**
1.3-Dichlorobenzene	н	ND		0.12	0.50	11	m m		
1,4-Dichlorobenzene	н	ND		0.10	0.50	o o	O	II .	H.
Dichlorodifluoromethane	O O	ND		0.07	1.00	17	IT	п	11
1,1-Dichloroethane	п	ND		0.05	0.50	11	н	o o	n
1,2-Dichloroethane	11	ND		0.08	0.50	ш	п	ir.	11
cis-1,2-Dichloroethene	II .	ND		0.03	0.50	If	II.	11	11
trans-1,2-Dichloroethene	п	ND		0.05	0.50	*1	11	11	11
1,1-Dichloroethene	ti	ND		0.06	0.50	n	u u	"	17
Dichloromethane	и	ND		0.13	0.50	11	n n	n	n
1,2-Dichloropropane	11	ND		0.09	0.50	n .	*1	10	"
1,3-Dichloropropane	11	ND		0.07	0.50	11	11	*11	н
2,2-Dichloropropane	н	ND		0.05	0.50	н	11	11	
1,1-Dichloropropene	n	ND		0.05	0.50	n n		**	н
Di-isopropyi ether	II.	ND		0.03	0.50	11	11	n	n
1,3-Dichloropropene (total)	п	ND		0.13	0.50	"	11	11	
Ethylbenzene	ti	ND		0.15	0.50	ır	17	п	11
Ethyl tert-butyl ether	ıı	ND		0.05	0.50	**		17	
Hexachlorobutadiene	· ·	ND		0.05	0.50	11	ıı	11	If
Isopropylbenzene	II.	ND		0.05	0.50	11	Ir	11	н
p-Isopropyltoluene	и	ND		0.05	0.50	u u	n	H	17
Methyl tert-butyl ether	"	ND ND		0.03	3.00	11	11	n	11
Naphthalene	U	ND ND		0.16		"	It	17	ıı .
n-Propylbenzene	II.	ND ND			0.50		"		,,
Styrene	11	ND ND		0.06	0.50	"	u u		
1,1,1,2-Tetrachloroethane	u	ND ND		0.08	0.50	**		"	n
Tert-amyl methyl ether		ND		0.07	0.50		11	ir	U
•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0.01	3.00			"	
Tert-butyl alcohol		ND		0.70	10.0	"			
1,1,2,2-Tetrachloroethane Tetrachloroethene		ND		0.09	0.50	"	"		"
Toluene	 H	ND	,	0.06	0.50	"		"	
		0.10	j	0.05	0.50	"			"
1,2,3-Trichlorobenzene	**	ND		0.19	0.50	.,	"	"	



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**DURHAM, CA 95938** 

Attention: KEVIN O'SHEA

Project:

GENERAL TESTING GRAN MWC 06-097

Lab No:

6120262

Reported:

12/20/06

Phone:

(530) 521-6407

P.O. #

## **Volatile Organic Compounds**

Analyte		Units	Results	Qualifier	MDL RL		Method	Analyzed	Batch	
NEW WELL D	rinking Water	(6120262-01	) Sampled:12/07	/06 14:42	Received:12	2/07/06 1	L6:16			
1,2,4-Trichlorobenz	rene	"	ND		0.18	0.50	11	11	12/13/06	ıi
1,1,1-Trichloroetha		u	ND		0.06	0.50	"	n	п	
1,1,2-Trichloroetha		н	ND		0.08	0.50	II .	н	11	11
Trichloroethene		n	ND		0.06	0.50	n	n	11	n
Trichlorofluorometh	ane	u	ND		0.06	0.50	n n	11	II .	H.
1,2,3-Trichloroprop		п	ND		0.07	0.50	· ·	11	11	11
Trichlorotrifluoroeth		н	ND		0.06	10.0	**	11	**	U
1,2,4-Trimethylben:		п	ND		0.08 0.50			п	U	"
1,3,5-Trimethylben		н	ND		0.06	0.50	ir .	17	H ·	11
Vinyl chloride	Zene	11	ND		0.05	0.50	н	11	11	n
m,p-Xylene		**	ND ND		0.14	0.50	n	0	u	19
** *		ш	ND ND		0.17	0.50	17	"	11	II .
o-Xylene		"	ND ND		0.20	0.50		o o	112	**
Xylenes (total)	L	**	0.26	J	0.20	0.50	11			0
Total Trihalometh				J		-155	,,	,,	"	"
Surrogate: 4-Bromo			84.0 %				"	,,	"	"
Surrogate: 1,2-Dich		62.03\ C	97.6 %	O Beerley		16:16				
TRIP BLANK	Blank (61202		oled:12/07/06 00:0	o Receive	ed:12/07/06				10/10/05	24.0004
Benzene		ug/l	ND		0.03	0.50	EPA 524.2	12/13/06	12/13/06	B6L0384
Bromobenzene			ND		0.06	0.50	"			
Bromochloromethan		R	ND		0.08	0.50				
Bromodichlorometh	ane	**	ND		0.06	0.50	"	"		
Bromoform		U	ND		0.07	0.50	"	11		
Bromomethane		II II	ND		0.08	0.50	11	"	11	"
Carbon tetrachloride	2	н	ND		0.04	0.50	Ħ	11	11	"
Chlorobenzene		n n	ND		0.07	0.50	п	"	u	11
Chloroethane		U	ND		0.08	0.50	11	и и		"
2-Chloroethylvinyl e	ther	II.	ND		0.09	1.00	It	11	"	111
Chloroform		11	0.14	J	0.07	0.50	11	Ħ	11	n n
Chloromethane		II II	ND		0.05	0.50	ii .		n n	11
2-Chlorotoluene			ND		0.10	0.50	II.	I†	"	**
4-Chlorotoluene		H	ND		0.09	0.50	11	11	II.	и
Dibromochlorometha	ane	n	ND		0.02	0.50	11	u	11	н
Dibromochloropropa		n n	ND		0.20	0.50	n	n n	u	11
Dibromomethane			ND		0.06	0.50	ir .	11	II .	u
1,2-Dichlorobenzene	2	II	ND		0.07	0.50	11	11	II .	II .
1,3-Dichlorobenzene		11	ND		0.12	0.50	"	Ħ	11	п
1,4-Dichlorobenzene		n	ND		0.10	0.50	n n	U	**	n
Dichlorodifluorometh		11	ND		0.07 1.00		17	"	н .	n
1,1-Dichloroethane	iarie	н	ND		0.05	0.50	II.	11	H .	II .
1,2-Dichloroethane		11	ND		0.03	0.50	11	п	11	и
,		п	ND		0.03	0.50		n n	ti	11
cis-1,2-Dichloroethe		11	ND ND		0.05	0.50		п	11	u
trans-1,2-Dichloroet	nene	н			0.05	0.50	rr .	11	"	17
1,1-Dichloroethene			ND				"	11	11	lt .
Dichloromethane			ND		0.13	0.50	11	u	n	
1,2-Dichloropropane		,,	ND		0.09	0.50			11	н
1,3-Dichloropropane			ND		0.07	0.50				,,
2,2-Dichloropropane			ND		0.05	0.50			"	
1,1-Dichloropropene		11	ND		0.05	0.50	.,		0	
1,3-Dichloropropene	(total)	n	ND		0.13	0.50	.,	"		
Ethylbenzene		u	ND		0.05	0.50		"		
Ethyi tert-butyi ether	r	II .	ND		0.05	0.50	11	"		
Hayachlarabutadian	•	It .	NID.		0.06	0.50	11	**	19	

0.06

0.50

Hexachlorobutadiene

Basic Laboratory, Inc. California D.O.H.S. Cert #1677



laboratory

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Project:

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GENERAL TESTING GRAN MWC 06-097

Lab No:

6120262 12/20/06

Reported: Phone:

(530) 521-6407

P.O. #

## **Volatile Organic Compounds**

Analyte	Units	Results Q	ualifier	MDL	RL	Method	Analyzed	l Prepared	Batch
TRIP BLANK Blank (6120262-	02) Sample	d:12/07/06 00:00	Received	:12/07/06	16:16				
Isopropylbenzene	н	ND		0.05	0.50	0	11	12/13/06	IT
Methyl tert-butyl ether	11	ND		0.04	3.00	11	O	ti	11
Naphthalene	IT	ND		0.16	0.50	11	II	II .	n
n-Butylbenzene	II .	ND		0.08	0.50	п	11	ır	17
n-Propylbenzene	ti	ND		0.06	0.50	11	n n	n	11
p-Isopropyltoluene	u u	ND		0.05	0.50	11	If	11	H
sec-Butylbenzene	11	ND		0.07	0.50	II .	n	11	11
Styrene	n	ND		0.08	0.50	ii .	п	ti	"
Tert-amyl methyl ether	"	ND		0.01	3.00	н	IT	"	U
tert-Butylbenzene	If	ND		0.08	0.50	"	н	и .	lt .
1,1,1,2-Tetrachloroethane	*1	ND		0.07	0.50	U	u	n	"
1,1,2,2-Tetrachloroethane	11	ND		0.09	0.50	IF.	"	11	n n
Tetrachloroethene	If	ND		0.06	0.50	11	It	II .	U
Toluene	*1	ND		0.05	0.50		н	11	"
1,2,3-Trichlorobenzene	U	ND		0.19	0.50	11	11	u	**
1,2,4-Trichlorobenzene	"	ND		0.18	0.50	It	17	H	U
1,1,1-Trichloroethane	11	ND		0.06	0.50	11	II	11	It
1,1,2-Trichloroethane	II .	ND		0.08	0.50	u	71	11	II.
Trichloroethene	tr	ND		0.06	0.50	"	tt	н	**
Trichlorofluoromethane	ш	ND		0.06	0.50	II .	ii	u	*1
1,2,3-Trichloropropane	**	ND		0.07	0.50	н	11	"	II .
Trichlorotrifluoroethane	u u	ND		0.06	10.0	u	11	11	n
1,2,4-Trimethylbenzene	If	ND		0.08	0.50	11	"	n	
1,3,5-Trimethylbenzene	11	ND		0.06	0.50	11	11	н	11
Vinyl chloride	n	ND		0.05	0.50	II	II .	n	"
m,p-Xylene	"	ND		0.14	0.50	11	IT	It	ŧi
o-Xylene	#	ND		0.07	0.50	u	It	и	"
Xylenes (total)	n	ND		0.20	0.50	11	n	11	"
Total Trihalomethanes	H	ND		0.20	0.50	18	u	u	11
Di-isopropyl ether	11	ND		0.04	0.50	11	IT	II	н
Tert-butyl alcohol	n	ND		0.70	10.0	II.	u .	"	
Surrogate: 4-Bromofluorobenzene		82.6 %		43	155	"	r	"	"
Surrogate: 1,2-Dichlorobenzene-d4		100 %		49-143		"	"	"	"

Basic Laboratory, Inc. California D.O.H.S. Cert #1677

Page 4 of 5



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**DURHAM, CA 95938** KEVIN O'SHEA

Lab No:

P.O. #

Project: GENERAL TESTING GRAN MWC 06-097

## **Notes and Definitions**

Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.

Analyte DETECTED DET

ND Analyte NOT DETECTED at or above the detection limit

NR Not Reported

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference Less than reporting limit

Less than or equal to reporting limit

Greater than reporting limit

Greater than or equal to reporting limit ≥

MDL Method Detection Limit RL/ML Minimum Level of Quantitation

MCL/AL Maxium Contaminant Level/Action Level

Results reported as wet weight mg/kg TTLC Total Threshold Limit Concentration STLC Soluble Threshold Limit Concentration TCLP Toxicity Characteristic Leachate Procedure

Basic Laboratory, Inc. California D.O.H.S. Cert #1677

BASIC LABORATORT CHAIN OF COSTODT RECORD									LAB	<u>.</u> .				
2218 Railroad Ave., Redding, CA 96001 (530) 24												6120262		
			PROJECT NAME: PROJECT								-	SAM	PLE TYPE:	
ADDRESS:	(a) REC	YOUN TUES	TED	<u>comp</u>	, UC	<u>'</u> TF:				2977 DRMS		# OF	SAMPLES:	_
Durham Pump  Po Box 60  Dulitan, CA. 95938	1 / / 1										# C.	2		
Dulitan, CA. 95938	TURN AROUND TIME: STD X R ANALYSIS REQUESTI								JSH [			PA	GEOF	
PROJECT MANAGER:	-	$\vdash$	$\top$	T ~	NAL I	/SIS.	KEWO	ESIL	ט				REP:	_
Kevin O'Shea  PRONE: FAX: F-MAIL: O DFUMP	#												ID#:	
NACHATI INCHATO	O F	\ \												
Dulitam Kump weo	В	18	}								,		SYSTEM#:	
SPECIAL MAIL FAX EDT										Ì			GLOBAL ID #:	
A O O T M I	L E S	524.2 VCS											QC = 1 2 3 4	4
DATE TIME R P L SAMPLE DESCRIPTION		Ľ										LAB ID	REMARKS	_
12/1/06 2:42 New Well	3	X						$\Box$				1		_
V 00:00 Trip Blank	1	X										2		_
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							$\prod$							
						7	7		$\Box$		$\top$			_
		$\Box$		,	7	eq 1	7				$\top$			_
RESERVED WITH: HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaOH ZnAce/NaOH	<u> </u>	НС	or 1	5	(al)	nio [	<u> </u>	OTHE	.R			<del></del> ,		
RESERVED WITH: HNO3  H2SO4  NaOH ZNACe/NaOH CAMPLED BY: KV/N O'Sets   DATE/TIME: 12/7/86 2:43/m	RELIN	IQUIS	SHE	KY/	て	6	PJ	OTHE	A			12/7/06 4:10 Pm		
ECEIVED BY: DATE/TIME: R	ELLIN	QUIS	SHÉD	BY:	/	<del>, -</del>					D	DATE/T	TIME:	
ECEIVED BY (AB: (VERIFIED)  12 DATE/TIME:  R  16:16  S	RELINQUISHED BY:								D	DATE/TIME:				
CEIVED BY (AB: (VERIFIED) 124 DATE/TIME: S	SAMPLES SHIPPED VIA: UPS FEDEX POST BUS OTHER									HER	_			