

# Bay Area Air Quality Management District

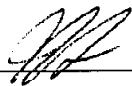
939 Ellis Street, San Francisco, CA 94109 (415) 749-5014

<b>REPORT OF LABORATORY ANALYSIS</b>	<b>FL-2</b>
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<b>Technical Division Laboratory Services Section</b>	<b>To: J. Gove Person Submitting Sample Enforcement Division</b>
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<b>Lab Method:</b> GC-MS	<b>Lab No:</b> 12-037
<b>Sample Location:</b> Conoco, 1380 San Pablo Avenue, Rodeo	
<b>Sample Type:</b> Ambient air in Canister SL-3 from Cummings Skyway @ I-80, time 08.54am.	
<b>Source Operation:</b> TK 294	<b>SITE#</b> A 0016
<b>Date Received:</b> 6/18/2012	<b>Date Analyzed:</b>
<b>Analyst:</b> Air Toxic Ltd.	<b>Lab Ref:</b>

Sample 12-037 was Contracted out to Air Toxic Limited for Toxic and Sulfur analysis due to high potential for excessive odor in the District Office.

<b>V. N. Recommended:</b>	<input type="checkbox"/> YES    REG. ___ RULE ___ SEC. ___ <input type="checkbox"/> NO <input type="checkbox"/> FURTHER EVALUATION NEEDED <input type="checkbox"/> FOR INFORMATION ONLY
 _____ James Hesson Laboratory Services Manager	<u>6/28/12</u> Date

# TOXICS

CLIENTS

AMPID	SAMPDATETIME	ANALDATE	REPLMT	UNITS	RESULTS	DATAFLAGS	COMPOUND NAME
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Freon 12
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Freon 114
12-037	06/15/2012 08:54	06/22/2012	5.0	PPBV		ND	Chloromethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Vinyl Chloride
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,3-Butadiene
12-037	06/15/2012 08:54	06/22/2012	5.0	PPBV		ND	Bromomethane
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	Chloroethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Freon 11
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	Ethanol
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Freon 113
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,1-Dichloroethene
12-037	06/15/2012 08:54	06/22/2012	5.0	PPBV		ND	Acetone
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	2-Propanol
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	Carbon Disulfide
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	3-Chloropropene
12-037	06/15/2012 08:54	06/22/2012	5.0	PPBV		ND	Methylene Chloride
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Methyl tert-butyl ether
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	trans-1,2-Dichloroethene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	0.83		Hexane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,1-Dichloroethane
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	2-Butanone (Methyl Ethyl Ketone)
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	cis-1,2-Dichloroethene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Tetrahydrofuran
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Chloroform
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,1,1-Trichloroethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Cyclohexane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Carbon Tetrachloride
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	2,2,4-Trimethylpentane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Benzene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,2-Dichloroethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Heptane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Trichloroethene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,2-Dichloropropane
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	1,4-Dioxane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Bromodichloromethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	cis-1,3-Dichloropropene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	4-Methyl-2-pentanone
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Toluene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	trans-1,3-Dichloropropene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,1,2-Trichloroethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Tetrachloroethene
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV		ND	2-Hexanone
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Dibromochloromethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	1,2-Dibromoethane (EDB)
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV		ND	Chlorobenzene

# TOXICS CONTINUED

12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	Ethyl Benzene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	m,p-Xylene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	o-Xylene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	Styrene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	Bromoform
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	Cumene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	1,1,2,2-Tetrachloroethane
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	Propylbenzene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	4-Ethyltoluene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	1,3,5-Trimethylbenzene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	1,2,4-Trimethylbenzene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	1,3-Dichlorobenzene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	1,4-Dichlorobenzene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	alpha-Chlorotoluene
12-037	06/15/2012 08:54	06/22/2012	0.50	PPBV	ND	1,2-Dichlorobenzene
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV	ND	1,2,4-Trichlorobenzene
12-037	06/15/2012 08:54	06/22/2012	2.0	PPBV	ND	Hexachlorobutadiene

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CLIENTSAMPID	SAMPDATETIME	ANALDATE	REPLMT	UNITS	RESULTS	DATAFLAGS	COMPOUND NAME
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Hydrogen Sulfide
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Carbonyl Sulfide
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Methyl Mercaptan
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Ethyl Mercaptan
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Dimethyl Sulfide
12-037	06/15/2012 08:54	06/26/2012	5.0	PPBV	ND		Carbon Disulfide
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Isopropyl Mercaptan
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		tert-Butyl Mercaptan
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		n-Propyl Mercaptan
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Ethyl Methyl Sulfide
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Thiophene
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Isobutyl Mercaptan
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Diethyl Sulfide
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		n-Butyl Mercaptan
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Dimethyl Disulfide
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		3-Methylthiophene
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Tetrahydrothiophene
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		2-Ethylthiophene
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		2,5-Dimethylthiophene
12-037	06/15/2012 08:54	06/26/2012	4.0	PPBV	ND		Diethyl Disulfide