

## Laboratory Examination Report

### REPORT TO

City of Santa Rosa,  
Municipal Service Center  
69 Stony Circle  
Santa Rosa, CA 95401

METHOD	ANALYTE	RESULT		UNITS	RL		ANALYZED
		Collected	9/15/08 09:15		Received:	9/15/08 10:00	
<b>MM45220</b>	<b>Farmers Lane Treatment Plant</b>						<b>Sampler: WHITEHURST (D)</b>
EPA 504.1	1,2-Dibromo-3-chloropropane	Not detected		ug/l	0.010		09/18/2008
EPA 504.1	1,2-Dibromoethane (EDB)	Not detected		ug/l	0.020		09/18/2008
EPA 505	Alachlor	Not detected		ug/l	1.0		09/18/2008
EPA 505	Arochlor 1016	Not detected		ug/l	0.50		09/18/2008
EPA 505	Arochlor 1221	Not detected		ug/l	0.50		09/18/2008
EPA 505	Arochlor 1232	Not detected		ug/l	0.50		09/18/2008
EPA 505	Arochlor 1242	Not detected		ug/l	0.50		09/18/2008
EPA 505	Arochlor 1248	Not detected		ug/l	0.50		09/18/2008
EPA 505	Arochlor 1254	Not detected		ug/l	0.50		09/18/2008
EPA 505	Arochlor 1260	Not detected		ug/l	0.50		09/18/2008
EPA 505	Atrazine	Not detected		ug/l	0.50		09/18/2008
EPA 505	Chlordane	Not detected		ug/l	0.10		09/18/2008
EPA 505	Endrin	Not detected		ug/l	0.10		09/18/2008
EPA 505	Heptachlor	Not detected		ug/l	0.010		09/18/2008
EPA 505	Heptachlor epoxide	Not detected		ug/l	0.010		09/18/2008
EPA 505	Lindane (gamma-BHC)	Not detected		ug/l	0.20		09/18/2008
EPA 505	Methoxychlor	Not detected		ug/l	10		09/18/2008
EPA 505	Simazine	Not detected		ug/l	1.0		09/18/2008
EPA 505	Toxaphene	Not detected		ug/l	1.0		09/18/2008
EPA 515.4	2,4,5-TP (Silvex)	Not detected		ug/l	1.0		09/23/2008
EPA 515.4	2,4-D	Not detected		ug/l	10		09/23/2008
EPA 515.4	4-Nitrophenol	Not detected		ug/l	5.0		09/23/2008
EPA 515.4	Bentazon	Not detected		ug/l	2.0		09/23/2008
EPA 515.4	Dacthal acid metabolites	Not detected		ug/l	1.0		09/23/2008
EPA 515.4	Dalapon	Not detected		ug/l	10		09/23/2008
EPA 515.4	Dicamba	Not detected		ug/l	1.5		09/23/2008
EPA 515.4	Dinoseb	Not detected		ug/l	2.0		09/23/2008
EPA 515.4	Pentachlorophenol	Not detected		ug/l	0.20		09/23/2008
EPA 515.4	Picloram	Not detected		ug/l	1.0		09/23/2008
524.2	1,1,1,2-Tetrachloroethane	Not detected		ug/l	0.5		09/25/2008
524.2	1,1,1-Trichloroethane	Not detected		ug/l	0.5		09/25/2008
524.2	1,1,2,2-Tetrachloroethane	Not detected		ug/l	0.5		09/25/2008
524.2	1,1,2-Trichloroethane	Not detected		ug/l	0.5		09/25/2008

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524.2	1,1-Dichloroethane	Not detected	ug/l	0.5	09/25/2008
524.2	1,1-Dichloroethene	Not detected	ug/l	0.5	09/25/2008
524.2	1,1-Dichloropropene	Not detected	ug/l	0.5	09/25/2008
524.2	1,2,3-Trichlorobenzene	Not detected	ug/l	0.5	09/25/2008
524.2	1,2,3-Trichloropropane	Not detected	ug/l	0.5	09/25/2008
524.2	1,2,4-Trichlorobenzene	Not detected	ug/l	0.5	09/25/2008
524.2	1,2,4-Trimethylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	1,2-Dibromoethane	Not detected	ug/l	0.5	09/25/2008
524.2	1,2-Dichlorobenzene	Not detected	ug/l	0.5	09/25/2008
524.2	1,2-Dichloroethane	Not detected	ug/l	0.5	09/25/2008
524.2	1,2-Dichloropropane	Not detected	ug/l	0.5	09/25/2008
524.2	1,3,5-Trimethylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	1,3-Dichlorobenzene	Not detected	ug/l	0.5	09/25/2008
524.2	1,3-Dichloropropane	Not detected	ug/l	0.5	09/25/2008
524.2	1,4-Dichlorobenzene	Not detected	ug/l	0.5	09/25/2008
524.2	2,2-Dichloropropane	Not detected	ug/l	0.5	09/25/2008
524.2	2-Chlorotoluene	Not detected	ug/l	0.5	09/25/2008
524.2	4-Chlorotoluene	Not detected	ug/l	0.5	09/25/2008
524.2	4-Isopropyltoluene	Not detected	ug/l	0.5	09/25/2008
524.2	Benzene	Not detected	ug/l	0.5	09/25/2008
524.2	Bromobenzene	Not detected	ug/l	0.5	09/25/2008
524.2	Bromochloromethane	Not detected	ug/l	0.5	09/25/2008
524.2	Bromodichloromethane	0.58	ug/l	0.5	09/25/2008
524.2	Bromoform	Not detected	ug/l	0.5	09/25/2008
524.2	Bromomethane	Not detected	ug/l	0.5	09/25/2008
524.2	Carbon tetrachloride	Not detected	ug/l	0.5	09/25/2008
524.2	Chlorobenzene	Not detected	ug/l	0.5	09/25/2008
524.2	Chloroethane	Not detected	ug/l	0.5	09/25/2008
524.2	Chloroform	0.86	ug/l	0.5	09/25/2008
524.2	Chloromethane	0.58	ug/l	0.5	09/25/2008
524.2	cis-1,2-Dichloroethene	Not detected	ug/l	0.5	09/25/2008
524.2	cis-1,3-dichloropropene	Not detected	ug/l	0.5	09/25/2008
524.2	Dibromochloromethane	0.56	ug/l	0.5	09/25/2008
524.2	Dibromomethane	Not detected	ug/l	0.5	09/25/2008
524.2	Dichlorodifluoromethane	Not detected	ug/l	0.5	09/25/2008

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524.2	Ethylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	Freon-113	Not detected	ug/l	0.5	09/25/2008
524.2	Hexachlorobutadiene	Not detected	ug/l	0.5	09/25/2008
524.2	Isopropylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	m,p-Xylene	Not detected	ug/l	0.5	09/25/2008
524.2	Methylene chloride	Not detected	ug/l	0.5	09/25/2008
524.2	Methyl-tert-butyl ether	Not detected	ug/l	0.5	09/25/2008
524.2	Naphthalene	Not detected	ug/l	0.5	09/25/2008
524.2	n-Butylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	n-Propylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	o-Xylene	Not detected	ug/l	0.5	09/25/2008
524.2	sec-Butylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	Styrene	Not detected	ug/l	0.5	09/25/2008
524.2	tert-Butylbenzene	Not detected	ug/l	0.5	09/25/2008
524.2	Tetrachloroethene	Not detected	ug/l	0.5	09/25/2008
524.2	Toluene	Not detected	ug/l	0.5	09/25/2008
524.2	trans-1,2-Dichloroethene	Not detected	ug/l	0.5	09/25/2008
524.2	trans-1,3-dichloropropene	Not detected	ug/l	0.5	09/25/2008
524.2	Trichloroethene	Not detected	ug/l	0.5	09/25/2008
524.2	Trichlorofluoromethane	Not detected	ug/l	0.5	09/25/2008
524.2	Vinyl chloride	Not detected	ug/l	0.5	09/25/2008
525.2	2,2,3,3,4,4,6-Heptachlorobiphenyl	Not detected	ug/l	1.0	09/19/2008
525.2	2,2,3,3,4,4,6-Octachlorobiphenyl	Not detected	ug/l	1.0	09/19/2008
525.2	2,2,3,4,6-Pentachlorobiphenyl	Not detected	ug/l	1.0	09/19/2008
525.2	2,2,4,4,5,6-Hexachlorobiphenyl	Not detected	ug/l	1.0	09/19/2008
525.2	2,2,4,4-Tetrachlorobiphenyl	Not detected	ug/l	0.50	09/19/2008
525.2	2,3-Dichlorobiphenyl	Not detected	ug/l	0.50	09/19/2008
525.2	2,4,5-Trichlorobiphenyl	Not detected	ug/l	0.50	09/19/2008
525.2	2-Chlorobiphenyl	Not detected	ug/l	0.50	09/19/2008
525.2	Acenaphthylene	Not detected	ug/l	5.0	09/19/2008
525.2	Alachlor	Not detected	ug/l	1.0	09/19/2008
525.2	Aldrin	Not detected	ug/l	0.075	09/19/2008
525.2	Ametryn	Not detected	ug/l	1.0	09/19/2008
525.2	Atrazine	Not detected	ug/l	0.50	09/19/2008
525.2	Benz(a)anthracene	Not detected	ug/l	10	09/19/2008

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525.2	Benzo(a)pyrene	Not detected	ug/l	0.10	09/19/2008
525.2	Benzo(b)fluoranthene	Not detected	ug/l	10	09/19/2008
525.2	Benzo(g,h,i)perylene	Not detected	ug/l	10	09/19/2008
525.2	Benzo(k)fluoranthene	Not detected	ug/l	10	09/19/2008
525.2	Butachlor	Not detected	ug/l	0.38	09/19/2008
525.2	Butyl benzyl phthlate	Not detected	ug/l	10	09/19/2008
525.2	Butylate	Not detected	ug/l	1.0	09/19/2008
525.2	Chloroneb	Not detected	ug/l	0.50	09/19/2008
525.2	Chloroprotham	Not detected	ug/l	0.50	09/19/2008
525.2	Chlorpyrifos	Not detected	ug/l	1.0	09/19/2008
525.2	Chrysene	Not detected	ug/l	5.0	09/19/2008
525.2	Cycloate	Not detected	ug/l	0.30	09/19/2008
525.2	Di(2-ethylhexyl)adipate	Not detected	ug/l	5.0	09/19/2008
525.2	Di(2-ethylhexyl)phthalate	Not detected	ug/l	3.0	09/19/2008
525.2	Dibenz(a,h)anthracene	Not detected	ug/l	5.0	09/19/2008
525.2	Diethyl phthalate	Not detected	ug/l	5.0	09/19/2008
525.2	Dimethyl phthalate	Not detected	ug/l	5.0	09/19/2008
525.2	Di-n-butyl phthlate	Not detected	ug/l	5.0	09/19/2008
525.2	Diphenamid	Not detected	ug/l	100	09/19/2008
525.2	Fluorene	Not detected	ug/l	5.0	09/19/2008
525.2	Hexachlorobenzene	Not detected	ug/l	0.50	09/19/2008
525.2	Hexachlorocyclopentadiene	Not detected	ug/l	1.0	09/19/2008
525.2	Indeno(1,2,3-cd)pyrene	Not detected	ug/l	10	09/19/2008
525.2	Lindane (gamma-BHC)	Not detected	ug/l	0.20	09/19/2008
525.2	Methoxychlor	Not detected	ug/l	10	09/19/2008
525.2	Metolachlor	Not detected	ug/l	0.50	09/19/2008
525.2	Metribuzin	Not detected	ug/l	1.0	09/19/2008
525.2	Molinate	Not detected	ug/l	2.0	09/19/2008
525.2	Napropamide	Not detected	ug/l	1.0	09/19/2008
525.2	Pebulate	Not detected	ug/l	0.50	09/19/2008
525.2	Permethrins (mixed isomers, total)	Not detected	ug/l	2.0	09/19/2008
525.2	Phenanthrene	Not detected	ug/l	5.0	09/19/2008
525.2	Prometryn	Not detected	ug/l	2.0	09/19/2008
525.2	Propachlor	Not detected	ug/l	0.50	09/19/2008
525.2	Propazine	Not detected	ug/l	0.5	09/19/2008

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METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED
525.2	Pyrene	Not detected	ug/l	5.0	09/19/2008
525.2	Simazine	Not detected	ug/l	1.0	09/19/2008
525.2	Simetryn	Not detected	ug/l	1.0	09/19/2008
525.2	Terbutryn (e)	Not detected	ug/l	1.0	09/19/2008
525.2	Thiobencarb	Not detected	ug/l	1.0	09/19/2008
525.2	Triadimefon	Not detected	ug/l	0.50	09/19/2008
525.2	Trifluralin	Not detected	ug/l	0.50	09/19/2008
525.2	Vernolate	Not detected	ug/l	0.50	09/19/2008
531.1	3-Hydroxycarbofuran	Not detected	ug/l	3.0	09/17/2008
531.1	Aldicarb	Not detected	ug/l	3.0	09/17/2008
531.1	Aldicarb Sulfone	Not detected	ug/l	2.0	09/17/2008
531.1	Aldicarb Sulfoxide	Not detected	ug/l	3.0	09/17/2008
531.1	Carbaryl	Not detected	ug/l	5.0	09/17/2008
531.1	Carbofuran	Not detected	ug/l	5.0	09/17/2008
531.1	Methomyl	Not detected	ug/l	2.0	09/17/2008
531.1	Oxamyl	Not detected	ug/l	20	09/17/2008
549.2	Diquat	Not detected	ug/l	4.0	09/17/2008
549.2	Paraquat	Not detected	ug/l	20.0	09/17/2008
EPA 900.0	Gross Alpha	Not detected	pCi/L	3.0	09/23/2008
EPA 900.0	Gross Beta	comment	pCi/L	4.0	09/23/2008
200.8	Aluminum	Not detected	ug/L	50	09/24/2008
200.8	Antimony	Not detected	ug/L	2.0	09/24/2008
200.8	Arsenic	DNQ	ug/L	2.0	09/24/2008
200.8	Barium	49.7	ug/L	2.0	09/24/2008
200.8	Beryllium	Not detected	ug/L	0.5	09/24/2008
200.8	Cadmium	Not detected	ug/L	0.5	09/24/2008
200.8	Chromium	Not detected	ug/L	1.0	09/24/2008
200.8	Copper	DNQ	ug/L	2.0	09/24/2008
200.8	Lead	DNQ	ug/L	2.0	09/24/2008
200.8	Manganese	6.2	ug/L	2.0	09/24/2008
200.8	Nickel	DNQ	ug/L	2.0	09/24/2008
200.8	Selenium	Not detected	ug/L	5.0	09/24/2008
200.8	Silver	Not detected	ug/L	0.5	09/24/2008

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METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED
200.8	Thallium	Not detected	ug/L	1.0	09/24/2008
200.8	Zinc	DNQ	ug/L	10	09/24/2008
EPA 570/9-84	Aggressive Index for Drinking Water	12.0	A.I.		09/24/2008
2320B	Alkalinity (Total)	240	mg/l	0.25	09/15/2008
2320B	Alkalinity (Carbonate)	<0.25	mg/l	0.25	09/15/2008
2320B	Alkalinity (Bicarbonate)	240	mg/l	0.25	09/15/2008
2320B	Alkalinity (Hydroxide)	<0.25	mg/l	0.25	09/15/2008
100.2	Asbestos	Not detected	MFL	0.2	09/18/2008
300.0	Chloride	24	mg/l	1	09/18/2008
SM2120B	Color SM2120B CA DW in Water	comment	CU	1.0	10/27/2008
2510B	Electrical Conductivity	490	µmhos/cm	0.5	09/25/2008
EPA 548.1	Endothall	Not detected	ug/l	45	09/17/2008
300.0	Fluoride	0.2	mg/l	0.1	09/23/2008
2340B	Total Hardness by Calculation - mg/L	130	mg CaCO3/L	1.0	09/24/2008
200.7	Calcium, ICP - Total	25.8	mg/L	0.20	09/22/2008
200.7	Iron, ICP - Total	DNQ	mg/L	0.05	09/22/2008
200.7	Potassium, ICP - Total	3.36	mg/L	0.1	09/22/2008
200.7	Magnesium, ICP - Total	16.0	mg/L	0.20	09/22/2008
200.7	Sodium, ICP - Total	22.2	mg/L	1.0	09/22/2008
SM 5540 C	Surfactants	Not detected	mg/l	0.10	09/16/2008
245.1	Mercury, Cold Vapor AA	<0.05	ug/l	0.05	09/17/2008
4500B	Nitrite as N - Drinking Water	Not detected	ug/L	400	09/16/2008
300.0	Nitrate as NO3	<2	mg/l	2.0	09/16/2008

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METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED
SM 2150B	Odor test	Not detected	T.O.N.	1	09/17/2008
4500-H B	pH	7.8	pH	1	09/15/2008
EPA 904.0	Radium 228	Not detected	pCi/L		09/23/2008
300.0	Sulfate	0.5	mg/l	0.5	10/09/2008
2540C	Total Dissolved Solids	340	mg/l	10	09/18/2008
2130B	Turbidity	<0.20	NTU	0.20	09/16/2008

Sample Comment:(MM45220) Color was resampled. see MM45378Gross Beta not required and not run