

## Laboratory Examination Report

**REPORT TO:**

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

MM70340	Farmers Lane Treatment Plant	Collected: 7/27/10 09:30	Received: 7/27/10 11:09	Sampler: WHITEHURST (D)		
METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED	QUALIFIER
EPA 504.1	1,2-Dibromo-3-chloropropane	Not detected	µg/l	0.0099	08/02/2010	
EPA 504.1	1,2-Dibromoethane (EDB)	Not detected	µg/l	0.020	08/02/2010	
EPA 508.1	Alachlor	Not detected	µg/l	0.20	08/04/2010	
EPA 508.1	Aroclor 1016	Not detected	µg/l	0.25	08/04/2010	
EPA 508.1	Aroclor 1221	Not detected	µg/l	0.19	08/04/2010	
EPA 508.1	Aroclor 1232	Not detected	µg/l	0.23	08/04/2010	
EPA 508.1	Aroclor 1242	Not detected	µg/l	0.25	08/04/2010	
EPA 508.1	Aroclor 1248	Not detected	µg/l	0.29	08/04/2010	
EPA 508.1	Aroclor 1254	Not detected	µg/l	0.32	08/04/2010	
EPA 508.1	Aroclor 1260	Not detected	µg/l	0.35	08/04/2010	
EPA 508.1	Chlordane(tech)	Not detected	µg/l	0.098	08/04/2010	
EPA 508.1	Endrin	Not detected	µg/l	0.0098	08/04/2010	
EPA 508.1	gamma-BHC	Not detected	µg/l	0.020	08/04/2010	
EPA 508.1	Heptachlor	Not detected	µg/l	0.0098	08/04/2010	
EPA 508.1	Heptachlor Epoxide	Not detected	µg/l	0.0098	08/04/2010	
EPA 508.1	Methoxychlor	Not detected	µg/l	0.098	08/04/2010	
EPA 508.1	Toxaphene	Not detected	µg/l	0.98	08/04/2010	
EPA 515.4	2,4,5-TP (Silvex)	Not detected	µg/l	0.99	08/03/2010	
EPA 515.4	2,4-D	Not detected	µg/l	9.9	08/03/2010	
EPA 515.4	Bentazon	Not detected	µg/l	2.0	08/03/2010	
EPA 515.4	Dacthal acid metabolites	Not detected	µg/l	2.0	08/03/2010	
EPA 515.4	Dalapon	Not detected	µg/l	9.9	08/03/2010	
EPA 515.4	Dicamba	Not detected	µg/l	1.5	08/03/2010	
EPA 515.4	Dinoseb	Not detected	µg/l	2.0	08/03/2010	
EPA 515.4	Pentachlorophenol	Not detected	µg/l	0.20	08/03/2010	
EPA 515.4	Picloram	Not detected	µg/l	0.99	08/03/2010	
EPA 525.2	2,2,3,3,4,4,6-Heptachlorobiphenyl	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	2,2,3,3,4,4,6-Octachlorobiphenyl	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	2,2,3,4,6-Pentachlorobiphenyl	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	2,2,4,4,5,6-Hexachlorobiphenyl	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	2,2,4,4-Tetrachlorobiphenyl	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	2,3-Dichlorobiphenyl	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	2,4,5-Trichlorobiphenyl	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	2-Chlorobiphenyl	Not detected	µg/l	0.50	08/04/2010	

## Laboratory Examination Report

**REPORT TO:**

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

MM70340	Farmers Lane Treatment Plant	Collected: 7/27/10 09:30	Received: 7/27/10 11:09	Sampler: WHITEHURST (D)		
METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED	QUALIFIER
EPA 525.2	Acenaphthylene	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Alachlor	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Aldrin	Not detected	µg/l	0.075	08/04/2010	
EPA 525.2	Ametryn	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Benz(a)anthracene	Not detected	µg/l	10	08/04/2010	
EPA 525.2	Benzo(a)pyrene	Not detected	µg/l	0.10	08/04/2010	
EPA 525.2	Benzo(b)fluoranthene	Not detected	µg/l	10	08/04/2010	
EPA 525.2	Benzo(g,h,i)perylene	Not detected	µg/l	10	08/04/2010	
EPA 525.2	Benzo(k)fluoranthene	Not detected	µg/l	10	08/04/2010	
EPA 525.2	Butachlor	Not detected	µg/l	0.38	08/04/2010	
EPA 525.2	Butyl benzyl phthlate	Not detected	µg/l	10	08/04/2010	
EPA 525.2	Butylate	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Chloroneb	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Chloroprotham	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Chlorpyrifos	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Chrysene	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Cycloate	Not detected	µg/l	0.30	08/04/2010	
EPA 525.2	Di(2-ethylhexyl)adipate	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Di(2-ethylhexyl)phthalate	Not detected	µg/l	3.0	08/04/2010	
EPA 525.2	Dibenz(a,h)anthracene	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Diethyl phthalate	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Dimethyl phthalate	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Di-n-butyl phthlate	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Diphenamid	Not detected	µg/l	100	08/04/2010	
EPA 525.2	Fluorene	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Hexachlorobenzene	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Hexachlorocyclopentadiene	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Indeno(1,2,3-cd)pyrene	Not detected	µg/l	10	08/04/2010	
EPA 525.2	Lindane (gamma-BHC)	Not detected	µg/l	0.20	08/04/2010	
EPA 525.2	Methoxychlor	Not detected	µg/l	10	08/04/2010	
EPA 525.2	Metolachlor	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Metribuzin	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Molinate	Not detected	µg/l	2.0	08/04/2010	
EPA 525.2	Napropamide	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Pebulate	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Permethrins (mixed isomers, total)	Not detected	µg/l	2.0	08/04/2010	
EPA 525.2	Phenanthrene	Not detected	µg/l	5.0	08/04/2010	

## Laboratory Examination Report

**REPORT TO:**

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

MM70340	Farmers Lane Treatment Plant	Collected: 7/27/10 09:30	Received: 7/27/10 11:09	Sampler: WHITEHURST (D)		
METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED	QUALIFIER
EPA 525.2	Prometryn	Not detected	µg/l	2.0	08/04/2010	
EPA 525.2	Propachlor	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Propazine	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Pyrene	Not detected	µg/l	5.0	08/04/2010	
EPA 525.2	Simetryn	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Terbutryn (e)	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Thiobencarb	Not detected	µg/l	1.0	08/04/2010	
EPA 525.2	Triadimefon	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Trifluralin	Not detected	µg/l	0.50	08/04/2010	
EPA 525.2	Vernolate	Not detected	µg/l	0.50	08/04/2010	
EPA 531.1	3-Hydroxycarbofuran	Not detected	µg/l	3.0	08/02/2010	
EPA 531.1	Aldicarb	Not detected	µg/l	3.0	08/02/2010	
EPA 531.1	Aldicarb Sulfone	Not detected	µg/l	4.0	08/02/2010	
EPA 531.1	Aldicarb Sulfoxide	Not detected	µg/l	3.0	08/02/2010	
EPA 531.1	Carbaryl	Not detected	µg/l	5.0	08/02/2010	
EPA 531.1	Carbofuran	Not detected	µg/l	5.0	08/02/2010	
EPA 531.1	Methomyl	Not detected	µg/l	2.0	08/02/2010	
EPA 531.1	Oxamyl	Not detected	µg/l	20	08/02/2010	
EPA 549.2	Diquat	Not detected	µg/l	4.0	07/30/2010	
EPA 549.2	Paraquat	Not detected	µg/l	20	07/30/2010	
EPA 900.0	Gross Alpha	ND	pCi/L	3	08/04/2010	
EPA 900.0	Gross Beta	DNQ	pCi/L	4	08/04/2010	J
EPA 300.0	Chloride	26.2	mg/l	1.0	07/28/2010	
EPA 300.0	Fluoride	0.2	mg/l	0.1	08/03/2010	
EPA 300.0	Nitrate as NO3	<2.0	mg/l	2.0	07/27/2010	
EPA 300.0	Sulfate	<0.5	mg/l	0.5	07/28/2010	
EPA 314.0	Perchlorate	ND	µg/l	4.0	07/29/2010	
SM 2320B	Alkalinity (Total)	240	mg/l	3.0	07/28/2010	
SM 2320B	Alkalinity (Carbonate)	<3.0	mg/l	3.0	07/28/2010	

## Laboratory Examination Report

**REPORT TO:**

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

MM70340 Farmers Lane Treatment Plant		Collected: 7/27/10 09:30	Received: 7/27/10 11:09	Sampler: WHITEHURST (D)		
METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED	QUALIFIER
SM 2320B	Alkalinity (Bicarbonate)	240	mg/l	3.0	07/28/2010	
SM 2320B	Alkalinity (Hydroxide)	<3.0	mg/l	3.0	07/28/2010	
4500-NO2B	Nitrite as N - Drinking Water	<400	µg/l	400	07/28/2010	
SM 4500-H B	pH (Field)	7.3	pH	1.0	07/27/2010	
EPA 548.1	Endothall	ND	µg/l	45	07/30/2010	
EPA 245.1	Mercury	ND	µg/l	0.05	07/29/2010	
SM 2340B	Total Hardness by Calculation - mg/L	135	mg CaCO3/L	1.0	08/31/2010	
EPA 200.8	Aluminum	Not detected	µg/l	10	07/29/2010	
EPA 200.8	Antimony	Not detected	µg/l	2.0	07/29/2010	
EPA 200.8	Arsenic	Not detected	µg/l	1.0	07/29/2010	
EPA 200.8	Barium	130	µg/l	1.0	07/29/2010	
EPA 200.8	Beryllium	Not detected	µg/l	0.50	07/29/2010	
EPA 200.8	Cadmium	Not detected	µg/l	1.0	07/29/2010	
EPA 200.8	Chromium	Not detected	µg/l	2.0	07/29/2010	
EPA 200.8	Copper	Not detected	µg/l	2.0	07/29/2010	
EPA 200.8	Lead	Not detected	µg/l	1.0	07/29/2010	
EPA 200.8	Manganese	3.7	µg/l	1.0	07/29/2010	
EPA 200.8	Nickel	Not detected	µg/l	2.0	07/29/2010	
EPA 200.8	Selenium	Not detected	µg/l	2.0	07/29/2010	
EPA 200.8	Silver	Not detected	µg/l	1.0	07/29/2010	
EPA 200.8	Thallium	Not detected	µg/l	1.0	07/29/2010	
EPA 200.8	Zinc	Not detected	µg/l	20	07/29/2010	
EPA 200.8	Vanadium, ICP/MS	ND	µg/l	1.0	07/29/2010	
EPA 570/9-84	Aggressive Index for Drinking Water	11.5	A.I.		09/01/2010	
EPA 200.7	Boron, ICP - Total	0.52	mg/l	0.100	07/30/2010	
EPA 200.7	Calcium, ICP - Total	26	mg/l	0.200	07/30/2010	
EPA 200.7	Iron, ICP - Total	ND	mg/l	0.050	07/30/2010	

## Laboratory Examination Report

**REPORT TO:**

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

MM70340 Farmers Lane Treatment Plant		Collected: 7/27/10 09:30	Received: 7/27/10 11:09	Sampler: WHITEHURST (D)		
METHOD	ANALYTE	RESULT	UNITS	RL	ANALYZED	QUALIFIER
EPA 200.7	Potassium	7.8	mg/l	0.100	07/30/2010	
EPA 200.7	Magnesium, ICP - Total	17	mg/l	0.200	07/30/2010	
EPA 200.7	Sodium	54	mg/l	1.00	07/30/2010	
Q 10-204-00-1-X	Cyanide	ND	µg/l	3.0	07/30/2010	
Analysis Comment:TA used Method SM4500CN-E						
SM 2150B	Odor test	ND	T.O.N.	1.0	07/29/2010	
EPA 904.0	Radium 228	ND	pCi/L	1	08/07/2010	
SM 2510B	Electrical Conductivity	500	µmhos/cm	0.5	07/30/2010	
SM2540C	Total Dissolved Solids	360	mg/l	10	08/02/2010	
SM 2130B	Turbidity	0.30	NTU	0.10	07/28/2010	
EPA 100.2	Asbestos	ND	MFL	0.2	07/29/2010	
SM 2120B	Color SM2120B CA DW in Water	ND	CU	1.0	07/29/2010	
SM 5540 C	Surfactants	ND	mg/l	0.10	07/28/2010	
EDT Reporting Requested		comment			09/02/2010	

Sample Comment:(MM70340) Results EDT 9/2/10. Is