

# Final Analysis Report

**LCRA Environmental Laboratory Services**

Date: 02-Apr-07

**CLIENT:** Canyon Regional Water Authority  
**Lab ID:** 0703551-001  
**Project:** WS 0940091  
**Matrix:** DRINKING WATER

**Client Sample ID:** 001  
  
**Collection Date:** 3/15/2007 9:56:00 AM  
**TCEQ Sample ID:** 0715592

Analyses	Result	Qual	MCL	PQL	Units	DF	BatchID	Date Analyzed
<b>HARDNESS</b>			<b>M2340 B</b>					Analyst: TRO
Hardness, Calcium/Magnesium (As CaCO3)	170			1.32	mg/L	1	47228	3/26/2007
<b>ANIONS BY ION CHROMATOGRAPHY</b>			<b>E300</b>					Analyst: WR
Chloride	21.2		300	5.00	mg/L	5	47279	3/27/2007 9:16:00 PM
Fluoride	0.18		4	0.05	mg/L	5	47279	3/27/2007 9:16:00 PM
Nitrogen, Nitrate (As N)	0.88		10	0.05	mg/L	5	47279	3/27/2007 9:16:00 PM
Sulfate	24.1		300	5.00	mg/L	5	47279	3/27/2007 9:16:00 PM
<b>ALKALINITY</b>			<b>M2320 B</b>					Analyst: WR
Alkalinity, Bicarbonate (As CaCO3)	132			2	mg/L CaCO3	1	47317	3/23/2007
Alkalinity, Carbonate (As CaCO3)	ND			2	mg/L CaCO3	1	47317	3/23/2007
Alkalinity, Phenolphthalein	ND			2	mg/L CaCO3	1	47317	3/23/2007
Alkalinity, Total (As CaCO3)	132			2	mg/L CaCO3	1	47317	3/23/2007
<b>CONDUCTANCE</b>			<b>SM2510B</b>					Analyst: ML
Specific Conductance @ 25°C	411			0	µmhos/cm	1	47205	3/26/2007
<b>PH</b>			<b>E150.1</b>					Analyst: JT
pH @ 25°C	7.82		8.5	0	pH units	1	47048	3/20/2007
<b>TOTAL DISSOLVED SOLIDS</b>			<b>SM2540C</b>					Analyst: KK
Total Dissolved Solids	235		1000	5	mg/L	1	47066	3/21/2007

**Qualifiers:**

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E Value above quantitation range	H Holding times for preparation or analysis exceeded	
J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	

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CLIENT: Canyon Regional Water Authority  
 Lab ID: 0703551-002  
 Project: WS 0940091  
 Matrix: DRINKING WATER

Client Sample ID: 001  
 Collection Date: 3/15/2007 9:57:00 AM  
 TCEQ Sample ID: 0715593

Analyses	Result	Qual	MCL	PQL	Units	DF	BatchID	Date Analyzed
<b>CHLORINATED PESTICIDES</b>			<b>E508.1</b>	<b>(E508)</b>				<b>Analyst: JP</b>
Aroclor 1016	ND		0.5	0.26	µg/L	1	47298	3/28/2007 12:07:53 PM
Aroclor 1221	ND		0.5	0.26	µg/L	1	47298	3/28/2007 12:07:53 PM
Aroclor 1232	ND		0.5	0.26	µg/L	1	47298	3/28/2007 12:07:53 PM
Aroclor 1242	ND		0.5	0.26	µg/L	1	47298	3/28/2007 12:07:53 PM
Aroclor 1248	ND		0.5	0.26	µg/L	1	47298	3/28/2007 12:07:53 PM
Aroclor 1254	ND		0.5	0.26	µg/L	1	47298	3/28/2007 12:07:53 PM
Aroclor 1260	ND		0.5	0.26	µg/L	1	47298	3/28/2007 12:07:53 PM
<b>ORGANIC COMPOUNDS</b>			<b>E525.2</b>	<b>(E525.2)</b>				<b>Analyst: KRD</b>
Alachlor	ND		2	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Aldrin	ND			0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Atrazine	1.47		3	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Bromacil	ND			0.21	µg/L	1	47341	3/27/2007 11:05:00 AM
Butachlor	ND			0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
alpha-Chlordane	ND		2	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
gamma-Chlordane	ND		2	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
trans-Nonachlor	ND			0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Dieldrin	ND			0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Endrin	ND		2	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Heptachlor	ND		0.4	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Heptachlor epoxide	ND		0.2	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Hexachlorobenzene	ND		1	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Hexachlorocyclopentadiene	ND		50	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
gamma-BHC	ND		0.2	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Methoxychlor	ND		40	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Metolachlor	ND		40	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Metribuzin	ND			0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Pentachlorophenol	ND		1	1.03	µg/L	1	47341	3/27/2007 11:05:00 AM
Propachlor	ND			0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Simazine	0.82		4	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
Benzo(a)pyrene	ND		0.2	0.10	µg/L	1	47341	3/27/2007 11:05:00 AM
bis(2-Ethylhexyl)adipate	ND		400	2.06	µg/L	1	47341	3/27/2007 11:05:00 AM
Bis(2-ethylhexyl)phthalate	ND		6	2.06	µg/L	1	47341	3/27/2007 11:05:00 AM

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- ND Not Detected at the Reporting Limit

<b>CLIENT:</b> Canyon Regional Water Authority	<b>Client Sample ID:</b> NA
<b>Lab ID:</b> 0703551-003	WAGNER BOOSTER STATIO
<b>Project:</b> WS 0940091	<b>Collection Date:</b> 3/15/2007 10:29:00 AM
<b>Matrix:</b> DRINKING WATER	<b>TCEQ Sample ID:</b> 0715599

Analyses	Result	Qual	MCL	PQL	Units	DF	BatchID	Date Analyzed
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VOLATILES BY GCMS			E524.2			Analyst: SG		
Chloroform	30.8			1.0	µg/L	1	47039	3/19/2007 5:56:00 PM
Bromodichloromethane	15.7			1.0	µg/L	1	47039	3/19/2007 5:56:00 PM
Dibromochloromethane	11.0			1.0	µg/L	1	47039	3/19/2007 5:56:00 PM
Bromoform	2.8			1.0	µg/L	1	47039	3/19/2007 5:56:00 PM
Total Trihalomethanes	60.3		80	1.0	µg/L	1	47039	3/19/2007 5:56:00 PM

**Qualifiers:**

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|--|--|
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| J Analyte detected below quantitation limits   | ND Not Detected at the Reporting Limit               |

<b>CLIENT:</b>	Canyon Regional Water Authority	<b>Client Sample ID:</b>	NA
<b>Lab ID:</b>	0703551-004		WAGNER BOOSTER STATIO
<b>Project:</b>	WS 0940091	<b>Collection Date:</b>	3/15/2007 10:30:00 AM
<b>Matrix:</b>	DRINKING WATER	<b>TCEQ Sample ID:</b>	0715595

Analyses	Result	Qual	MCL	PQL	Units	DF	BatchID	Date Analyzed
<b>METHYL DERIVATIVES-HALOACETIC ACIDS</b>			<b>E552.2</b>		<b>(E552.2)</b>			Analyst: SM
Chloroacetic acid	ND			5.0	µg/L	1	47156	3/23/2007 8:37:15 AM
Dichloroacetic acid	22.8			5.0	µg/L	1	47156	3/23/2007 8:37:15 AM
Trichloroacetic acid	10.1			5.0	µg/L	1	47156	3/23/2007 8:37:15 AM
Bromoacetic acid	ND			5.0	µg/L	1	47156	3/23/2007 8:37:15 AM
Dibromoacetic acid	5.9			5.0	µg/L	1	47156	3/23/2007 8:37:15 AM
Total Regulated Haloacetic Acids	38.8		60	5.0	µg/L	1	47156	3/23/2007 8:37:15 AM
Bromochloroacetic acid	14.2			5.0	µg/L	1	47156	3/23/2007 8:37:15 AM

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