

Schultz, Robert, Env. Health

20-2670  
SLIC RWQCB  
CASC  
WATER  
S. Hugo

*Hi Bob,*

*I got the PCE data for the B&C Mini Mart wells. I've attached the data table and a map showing the data.*

*I noticed that you had sent some stuff over via QIC. We recently were told that our QIC code is now 90201.*

*I'll give you a call and we can go over the data.*

*Colleen*

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**ZONE 7 WATER AGENCY**  
100 NORTH CANYONS PARKWAY  
LIVERMORE, CA 94551

**PCE CONCENTRATIONS  
SPLIT SAMPLING FROM TS#62**

Drawn By: C. WINEY

Revised By:

Date Updated: 4/5/2005

File: E:\TOXIC\drycleaners\pce\_concen.pdf



**ZONE 7 WATER QUALITY LABORATORY**

EPA Method: 502.2 Units: ug/L

Sample No.:	050227	050228	050229	020230	050231	050232	050233	050234
Sample Name:	3S/2E 8R13	3S/2E 8R21	3S/2E 8R22	3S/2E 8R29	3S/2E 8R1	3S/2E 8R11	3S/2E 8R12	3S/2E 8Q9
Sample Date:	3/3/2005	3/2/2005	3/3/2005	3/3/2005	3/2/2005	3/2/2005	3/3/2005	3/3/2005
Analysis Date:	3/24/2005	3/24/2005	3/18/2005	3/18/2005	3/19/2005	3/24/2005	3/18/2005	3/18/2005

**Regulated VOCs**

	DLR	MRL	050227	050228	050229	020230	050231	050232	050233	050234
Benzene	0.5		ND	770	1.1	ND	ND	150	1.2	ND
Carbon Tetrachloride	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.5		ND	18	ND	ND	18	4.2	ND	ND
trans-1,2-Dichloroethylene	0.5		ND	ND	ND	ND	ND	0.6	ND	ND
Dichloromethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.5		ND	87	0.8	ND	150	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	3	0.5	ND	220	5.4	1.4	ND	52	1.5	ND
Monochlorobenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Styrene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	0.5		36	ND	9.0	5.9	13	11	E 47	2.2
Toluene	0.5		ND	19	ND	ND	ND	11	ND	ND
1,2,4-Trichlorobenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.5		ND	ND	ND	ND	0.7	ND	ND	ND
1,1,2-Trichloroethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	0.5		ND	ND	1.8	1.7	1.3	4.0	3.8	ND
Trichlorofluoromethane	5	0.5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane	10	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	0.5		ND	560	ND	ND	0.6	62	0.8	ND

**Unregulated Volatiles**

Dichlorodifluoromethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Ethyl-tert-butyl ether (ETBE)	3.0	0.5	ND	72	ND	ND	ND	12	ND	ND
tert-Amyl-methyl ether (TAME)	3.0	0.5	ND	50	ND	ND	ND	10	ND	ND
tert-Butyl alcohol (TBA)	2.0									
Nitrobenzene	10									

DLR = Detection Limit for Purposes of Reporting, established by DHS

NA = Not Available

MRL = Minimum Reporting Limit, established by Zone 7 lab

ND = Analyte not detected at or above DLR

**Additional Volatile Chemicals**

Bromobenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	0.5		ND	28	1.4	ND	ND	32	0.8	ND
sec-Butylbenzene	0.5		ND	ND	1.5	ND	ND	16	ND	ND
ter-Butylbenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl ether (DIPE)	3.0	0.5	ND	8.6	ND	ND	ND	7.5	ND	ND
1,3-Dichlorobenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	0.5		ND	ND	1.0	ND	ND	20	0.8	ND
p-Isopropyltoluene	0.5		ND	ND	1.0	ND	1.6	3.0	0.9	ND
Naphtalene	0.5		ND	150	2.7	0.6	0.6	ND	1.0	ND
1,1,1,2-Tetrachloroethane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.5		ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	0.5		ND	150	ND	ND	ND	25	ND	ND
1,3,5-Trimethylbenzene	0.5		ND	ND	ND	ND	ND	ND	ND	ND

**Comments:**

1. All samples exceed 14 day holding time requirements marginally. 3/24/05 analysis represents diluted sample analysis following initial run on 3/18/05.
2. Several samples have unidentified peaks. When an applicable analyte was detected only on one detector, data was rejected.
3. As positive values are relatively high, 1 believe data is useable as reported.