

**CHEMICAL ANALYSES OF DAVIS WATER
JULY 2016**



Volatile Organic Chemicals (continued)

Constituent	EPA Method	Units	MCL	PHG or (MCLG)	West Area					North Area		Central Area						East Area		South Area			
					Well Number	30	25	20	28	31	27	19	23	1	33	11	7	14	24	15	22	26	32
Dichloromethane	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Di-isopropyl ether (DIPE)	524.2	µg/L			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethyl t-Butyl Ether (ETBE)	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene (Phenylethane)	524.2	µg/L	300	300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Hexachlorobutadiene	524.2	µg/L		50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Isopropylbenzene (Cumene)	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
m,p-Xylenes	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene chloride	524.2	µg/L	5	4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl t-butyl ether (MTBE)	524.2	µg/L	13	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Naphthalene	524.2	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Butylbenzene	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
n-Propylbenzene	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
o-Xylene	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
p-Isopropyltoluene	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
sec-Butylbenzene	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Styrene (Vinylbenzene)	524.2	µg/L	100		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
t-Amyl Methyl Ether	524.2	µg/L			<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
tert-Butyl Alcohol (TBA)	524.2	µg/L			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
tert-Butylbenzene	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Tetrachloroethylene (PCE)	524.2	µg/L	5	0.06	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toluene	524.2	µg/L	150	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Total 1,3-Dichloropropene (Telone 11)	524.2	µg/L		0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Trihalomethanes (TTHM)	524.2	µg/L			-	-	0.6	-	-	-	-	0.98	-	-	1.4	0.94	-	-	-	-	-	-	-
Total Xylenes Isomers	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethene (t-1,2-DCE)	524.2	µg/L	10	6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	524.2	µg/L			<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichloroethylene (TCE)	524.2	µg/L	5	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Trichlorofluoromethane (FREON 11)	524.2	µg/L	150	700	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	524.2	µg/L	0.5	0.05	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Routine Sample Dates:					Aug-13	Jul-16	Jul-16	Jul-16	Jul-16	Jul-16	Aug-14	Jul-16	Jul-15	Jul-16	Jul-16	Jul-16	Aug-14	Jan-16	Jul-16	Jul-16	Jul-16	Jul-16	Jul-16

NOTES:
 mg/L = milligrams per liter = parts per million (ppm)
 µg/L = micrograms per liter = parts per billion (ppb)
 ppt = parts per trillion
 MCL = maximum contaminant level = maximum quantity allowable or desirable under Federal and State Drinking Water Regulations
 PHG = Public Health Goals (Maximum Contaminant Level Goals) : Levels of contaminants in drinking water that are considered to pose an insignificant risk to public health.
 (Primary, or health related limits are bold face; Secondary, or aesthetic limits are in italics; California Notification Levels are in bold italics; Blank indicates no established standard)



CHEMICAL ANALYSES OF DAVIS WATER
JULY 2016

Synthetic Organic Chemicals

Constituent	EPA Method	Units	MCL	PHG or (MCLG)	West Area					North Area		Central Area						East Area		South Area				
					Well Number					27	19	23	1	33	11	7	14	24	15	22	26	32	EM3	21
1,2-Dibromo-3-chloropropane (DBCP)	504	ppt	200	1.7	<0.10	<0.10	<0.10	<0.10	0.13	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Ethylene Dibromide (EDB)	504	µg/L	50	10	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Aldrin	505	µg/L			<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075	<.075
Chlordane	505	ppt	100	30	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorothalonil (DADONIL, BRAVO)	505	µg/L			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dieldrin	505	µg/L			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Endrin	505	µg/L	2	1.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	505	µg/L	10	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor Epoxide	505	µg/L	10	6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	505	µg/L	1	0.03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Hexachlorocyclopentadiene	505	µg/L	50	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lindane	505	ppt	200	32	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methoxychlor	505	µg/L			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Perchlorate		µg/L	6	6	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	3.0	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Polychlorinated Biphenyls (Total PCB)	505	ppt	500	0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toxaphene	505	µg/L	3	0.03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trifluralin (TREFLAN)	505	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,4,5-TP (SILVEX)	515.3	µg/L	50	25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,4-D	515.3	µg/L	70	70	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bentazon (BASAGRAN)	515.3	µg/L	18	200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Dalapon	515.3	µg/L	200	790	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dicamba (BANVEL)	515.3	µg/L			<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Dinoseb (DNBP)	515.3	µg/L	7	14	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Pentachlorophenol (PCP)	515.3	µg/L	1	0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Picloram	515.3	µg/L	500	500	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Alachlor (ALANEX)	525.2	µg/L	2	4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

NOTES: Routine Sample Dates: 2012 Jul-15
 Perchlorate 2012 Jul-15

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JULY 2016

Synthetic Organic Chemicals (continued)

Constituent	EPA Method	Units	MCL	PHG or (MCLG)	West Area					North Area		Central Area						East Area		South Area			
					Well Number	30	25	20	28	31	27	19	23	1	33	11	7	14	24	15	22	26	32
Atrazine (AATREX)	525.2	µg/L	1	0.15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)pyrene (PAH)	525.2	ppt	200	4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
bis(2-ethylhexyl) adipate	525.2	µg/L	400	200	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
bis(2-ethylhexyl) phthalate	525.2	µg/L	4	12	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Bromacil (HYVAR)	525.2	µg/L			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Butachlor	525.2	µg/L			<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Diazinon	525.2	µg/L			<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Dimethoate (CYGON)	525.2	µg/L			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Metolachlor	525.2	µg/L			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Metribuzin	525.2	µg/L			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Molinate (ORDRAM)	525.2	µg/L	20		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Propachlor	525.2	µg/L			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Simazine (PRINCEP)	525.2	µg/L	4	4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thiobencarb (BOLERO)	525.2	µg/L	70	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
3-Hydroxycarbofuran	531.1	µg/L			<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Aldicarb (TEMIK)	531.1	µg/L			<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Aldicarb Sulfone	531.1	µg/L			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Aldicarb Sulfoxide	531.1	µg/L			<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Carbaryl (SEVIN)	531.1	µg/L			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbofuran (FURADAN)	531.1	µg/L	18	1.7	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methomyl	531.1	µg/L			<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Oxamyl (VYDATE)	531.1	µg/L	50	50	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Glyphosate	547	µg/L	700	1000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Endothal	548.1	µg/L	100	580	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45	<45
Diquat	549.2	µg/L	20	15	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
2,3,7,8-TCDD (DIOXIN)	1613B	ppq	30	0	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005	<.000005

Routine Sample Dates:

2012	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15
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NOTES:

mg/L = milligrams per liter = parts per million (ppm)

µg/L = micrograms per liter = parts per billion (ppb)

ppt = parts per trillion

MCL = maximum contaminant level = maximum quantity allowable or desirable under Federal and State Drinking Water Regulations

PHG = Public Health Goals (Maximum Contaminant Level Goals) : Levels of contaminants in drinking water that are considered to pose an insignificant risk to public health.

(Primary, or health related limits are bold face; Secondary, or aesthetic limits are in italics; California Notification Levels are in bold italics; Blank indicates no established standard)



CHEMICAL ANALYSES OF DAVIS WATER
JULY 2016

UPDATED : JULY 2016

SYSTEM AND TESTING INFORMATION

Davis' water is 100% groundwater pumped from 20 wells located throughout the City.

This information is a summary of recent quality analyses performed on the City of Davis' wells and system. Since all of the City's water mains are interconnected and the number of wells operating at any given time depends on the system demand, you may or may not receive water from the well that is closest to your residence.

The water is untreated except for addition of sodium hypochlorite (chlorine). Each well is tested annually for inorganic chemicals and volatile organic chemicals. The distribution system is sampled for bacteria on a weekly basis. (Bacteriological results are not reported here.)

If you have further questions or require additional information, please phone Marie Graham at (530) 757-5686.

e-mail: mgraham@cityofdavis.org

HARDNESS CALCULATIONS BY AREA					
Well #	mg/L	grains/gal	Well #	mg/L	grains/gal
WEST			CENTRAL		
30	130	8	1	420	25
20	390	23	7	510	30
25	400	23	11	530	31
28	150	9	14	370	22
31	130	8	23	440	26
	240	14		Average	454 27
NORTH			EAST		
19	440	26	33	69	4
27	320	19	15	380	22
	380	22	22	340	20
			Average	263	15
			SOUTH		
			24	390	23
			21	730	43
			26	420	25
			32	64	4
			EM3	450	26
			Average	411	24

HARDNESS is a measure of the concentration of calcium and magnesium present in water. Hard water causes scaling on plumbing fixtures and utensils but is not a health concern. The optimum amount of hardness for household water is 75 to 100 mg/L. Hardness is commonly referred to in grains per gallon (GPG) for adjusting water softeners. GPG is obtained by dividing mg/L by 17.1

@ **CHLORINE ADVISORY** - Davis' water is chlorinated at a dosage of 0.5 ppm. take proper precautions when adding water to fish tanks, dialysis machines, etc.