

Date of Report: 18|05|15|0918

Sample ID No.: A712890-06

Laboratory Name: BSK Analytical Laboratories

Signature Lab Director: 

Name of Sampler: Kirk Schaake

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 17|09|27|0940

Received @ Lab : 17|09|28|1155

Completed: 17|10|11

System Name: UC - DAVIS

System Number: 5710009

Name or Number of Sample Source: DOMESTIC WELL 07A

User ID: TEN

Station Number: 5710009-015

Date/Time of Sample: 17|09|27|0940

Laboratory Code: 5810

Submitted by: BSK Associates Laboratory Fresno

Date Analyses Completed: 17|10|11

Phone #: 559-497-2888

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Hardness, (Total) as CaCO3	00900	190	
	mg/L	Calcium (Ca) (mg/L)	00916	27	
	mg/L	Magnesium (Mg) (mg/L)	00927	29	
	mg/L	Sodium (Na) (mg/L)	00929	35	
	mg/L	Potassium (K) (mg/L)	00937	2.6	
Total Cations Meq/L Value:		5.32			
	mg/L	Alkalinity, (Total) (as CaCO3 equivalents)	00410	220	
	mg/L	Hydroxide (OH) (mg/L)	71830	< 1.0	
	mg/L	Carbonate (CO3) (mg/L)	00445	< 1.8	
	mg/L	Bicarbonate (HCO3) (mg/L)	00440	270	
500	mg/L	Sulfate (SO4) (mg/L)	00945	20	0.5
500	mg/L	Chloride (Cl) (mg/L)	00940	15	
10	mg/L	Nitrate as Nitrogen(N)	00618	1.4	0.4
2	mg/L	Fluoride (F) (Natural-Source)	00951	0.12	0.1
Total Anions Meq/L Value:		5.27			
15	Units	Color, Apparent (Unfiltered)	00081	< 5.0	
0.5	mg/L	Foaming Agents (MBAS)	38260	< 0.050	
	Std Units	pH (Laboratory) (Std.Units)	00403	8.2	
1600	umho/cm	Specific Conductance (E.C.) (umhos/cm)	00095	490	
1500	mg/L	Total Filterable Residue@180C(TDS)(mg/L)	70300	290	
5	NTU	Turbidity, Laboratory	82079	0.19	
1000	ug/L	Aluminum (Al) (ug/L)	01105	ND	50
6	ug/L	Antimony (ug/L)	01097	ND	6.0
10	ug/L	Arsenic (As) (ug/L)	01002	ND	2.0
1000	ug/L	Barium (Ba) (ug/L)	01007	130	100
4	ug/L	Beryllium (ug/L)	01012	ND	1.0
5	ug/L	Cadmium (Cd) (ug/L)	01027	ND	1.0
50	ug/L	Chromium (Total Cr) (ug/L)	01034	14	10
50	ug/L	Chromium, hexavalent (CrVI) (ug/L)	01032	13	1.0

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MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
1000	ug/L	Copper (Cu) (ug/L)	01042	ND	50
300	ug/L	Iron (Fe) (ug/L)	01045	ND	100
	ug/L	Lead (Pb) (ug/L)	01051	ND	5.0
50	ug/L	Manganese (Mn) (ug/L)	01055	ND	20
2	ug/L	Mercury (Hg) (ug/L)	71900	ND	1.0
100	ug/L	Nickel (ug/L)	01067	ND	10
50	ug/L	Selenium (Se) (ug/L)	01147	ND	5.0
100	ug/L	Silver (Ag) (ug/L)	01077	ND	10
2	ug/L	Thallium (ug/L)	01059	ND	1.0
5000	ug/L	Zinc (Zn) (ug/L)	01092	ND	50

ADDITIONAL ANALYSES

	NA	Agressiveness Index	82383	12	
	NA	Langelier Index at 60 C	71813	0.44	
10	mg/L	Nitrate + Nitrite as Nitrogen(N)	A-029	1.4	0.4
1	mg/L	Nitrite as Nitrogen(N)	00620	ND	0.4
6	ug/L	Perchlorate (ug/L)	A-031	ND	4.0

TEST METHOD	CHEMICAL	ENTRY #	ANALYSES RESULTS	MCL µg/L	DLR µg/L
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REGULATED ORGANIC CHEMICALS

EPA 524.2	Bromodichloromethane	32101	ND		1.0
EPA 524.2	Bromoform	32104	ND		1.0
EPA 524.2	Chloroform (Trichloromethane)	32106	2.6		1.0
EPA 524.2	Dibromochloromethane	32105	ND		1.0
EPA 524.2a	Total Trihalomethanes (TTHMs)	82080	3.4	80	

REGULATED ORGANIC CHEMICALS

EPA 524.2	1,1,1-Trichloroethane (1,1,1-TCA)	34506	ND	200	0.5
EPA 524.2	1,1,2,2-Tetrachloroethane	34516	ND	1	0.5
EPA 524.2	1,1,2-Trichloroethane (1,1,2-TCA)	34511	ND	5	0.5
EPA 524.2	1,1-Dichloroethane (1,1-DCA)	34496	ND	5	0.5
EPA 524.2	1,1-Dichloroethylene (1,1-DCE)	34501	ND	6	0.5

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REGULATED ORGANIC CHEMICALS

EPA 524.2	1,2,4-Trichlorobenzene	34551	ND	5	0.5
EPA 524.2	1,2-Dichlorobenzene (o-DCB)	34536	ND	600	0.5
EPA 524.2	1,2-Dichloroethane (1,2-DCA)	34531	ND	0.5	0.5
EPA 524.2	1,2-Dichloropropane	34541	ND	5	0.5
EPA 524.2	1,4-Dichlorobenzene (p-DCB)	34571	ND	5	0.5
EPA 524.2	Benzene	34030	ND	1	0.5
EPA 524.2	Carbon Tetrachloride	32102	ND	0.5	0.5
EPA 524.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	77093	ND	6	0.5
EPA 524.2	Dichloromethane (Methylene Chloride)	34423	ND	5	0.5
EPA 524.2	Ethyl Benzene	34371	ND	300	0.5
EPA 524.2	m,p-Xylene	A-014	ND		0.5
EPA 524.2	Methyl tert-Butyl Ether(MTBE)	46491	ND	13	3.0
EPA 524.2	Monochlorobenzene (Chlorobenzene)	34301	ND	70	0.5
EPA 524.2	o-Xylene	77135	ND		0.5
EPA 524.2	Styrene	77128	ND	100	0.5
EPA 524.2	Tetrachloroethylene (PCE)	34475	ND	5	0.5
EPA 524.2	Toluene	34010	ND	150	0.5
EPA 524.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	34546	ND	10	0.5
EPA 524.2	Trichloroethylene (TCE)	39180	ND	5	0.5
EPA 524.2	Trichlorofluoromethane (FREON 11)	34488	ND	150	5.0
EPA 524.2	Trichlorotrifluoroethane (FREON 113)	81611	ND	1200	10
EPA 524.2	Vinyl Chloride (VC)	39175	ND	0.5	0.5
EPA 524.2a	Total 1,3-Dichloropropene	34561	ND	0.5	0.5
EPA 524.2a	Total Xylenes (m,p, & o)	81551	< 0.50	1750	

UNREGULATED ORGANIC CHEMICALS

EPA 524.2	1,1,1,2-Tetrachloroethane	77562	ND		0.5
EPA 524.2	1,1-Dichloropropene	77168	ND		0.5
EPA 524.2	1,2,3-Trichlorobenzene	77613	ND		0.5
EPA 524.2	1,2,4-Trimethylbenzene	77222	ND		0.5
EPA 524.2	1,3,5-Trimethylbenzene	77226	ND		0.5
EPA 524.2	1,3-Dichlorobenzene (m-DCB)	34566	ND		0.5
EPA 524.2	1,3-Dichloropropane	77173	ND		0.5

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UNREGULATED ORGANIC CHEMICALS

EPA 524.2	2,2-Dichloropropane	77170	ND		0.5
EPA 524.2	2-Chlorotoluene	A-008	ND		0.5
EPA 524.2	4-Chlorotoluene	A-009	ND		0.5
EPA 524.2	Acetone	81552	< 10		
EPA 524.2	Bromobenzene	81555	ND		0.5
EPA 524.2	Bromochloromethane	A-012	ND		0.5
EPA 524.2	Bromomethane (Methyl Bromide)	34413	ND		0.5
EPA 524.2	Chloroethane	34311	ND		0.5
EPA 524.2	Chloromethane (Methyl Chloride)	34418	ND		0.5
EPA 524.2	Dibromomethane	77596	ND		0.5
EPA 524.2	Dichlorodifluoromethane (Freon 12)	34668	ND		0.5
EPA 524.2	Diisopropyl Ether (DIPE)	A-036	ND		3.0
EPA 524.2	Ethyl tert-Butyl Ether (ETBE)	A-033	ND		3.0
EPA 524.2	Hexachlorobutadiene	34391	ND		0.5
EPA 524.2	Isopropylbenzene	77223	ND		0.5
EPA 524.2	Methyl Ethyl Ketone (MEK, Butanone)	81595	ND		5.0
EPA 524.2	Methyl Isobutyl Ketone (MIBK)	81596	ND		5.0
EPA 524.2	Naphthalene	34696	ND		0.5
EPA 524.2	n-Butylbenzene	A-010	ND		0.5
EPA 524.2	n-Propylbenzene	77224	ND		0.5
EPA 524.2	p-Isopropyltoluene	A-011	< 0.50		
EPA 524.2	sec-Butylbenzene	77350	ND		0.5
EPA 524.2	tert-Amyl Methyl Ether (TAME)	A-034	ND		3.0
EPA 524.2	tert-Butyl Alcohol (TBA)	77035	ND		2.0
EPA 524.2	tert-Butylbenzene	77353	ND		0.5