

Sample Id: Beyond O2
Date Sampled: 5/22/2018

Investigation: Analysis per Title 21, Federal Code of Regulations 165.110 - California Limits

ANALYTICAL RESULTS

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
GROUP I					
PHYSICAL					
Apparent Color	SM 2120B	3.0	1	ND ACU	15
Odor at 60 C (TON)	SM 2150B	1.0	1	ND TON	3
pH	4500HB/E 150	0.10	1	<u>9.5</u>	8.5
Total Dissolved Solid (TDS)	SM 2540C	10	1	18	500
Turbidity	EPA 180.1	0.10	1	ND NTU	5
GROUP II					
CHEMICAL SUBSTANCE 1		Milligrams per Liter			
Antimony Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.006
Arsenic Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.010
Barium Total ICAP/MS	EPA 200.8	0.0020	1	ND	2
Beryllium Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.004
Cadmium Total ICAP/MS	EPA 200.8	0.00050	1	ND	0.005
Calcium Total ICAP	EPA 200.7	1.0	1	3.1	no std
Chloride	EPA 300.0	0.50	1	0.70	250
Chromium Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.1
Copper Total ICAP/MS	EPA 200.8	0.0020	1	ND	1.0
Cyanide	SM 4500CN-F	0.025	1	ND	0.2
Fluoride	SM 4500F-C	0.050	1	ND	1.4
Iron Total ICAP	EPA 200.7	0.020	1	ND	0.3
Lead Total ICAP/MS	EPA 200.8	0.00050	1	ND	0.005
Magnesium Total ICAP	EPA 200.7	0.10	1	ND	no std
Manganese Total ICAP/MS	EPA 200.8	0.0020	1	ND	0.05
Mercury	EPA 245.1	0.00020	1	ND	0.002
Nickel Total ICAP/MS	EPA 200.8	0.0050	1	ND	0.1
Nitrate-N	EPA 300.0	0.10	1	ND	10
Nitrite-N	EPA 300.0	0.050	1	ND	1
Phenol	EPA 420.4	0.0010	2	ND	0.001

SOQ=Standard of Quality per FDA or California

ND=Not detected at the specified limit

All results reported in milligrams per liter unless otherwise noted

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Simazine	EPA 525.2	0.000050	1	ND	0.004
Thiobencarb	EPA 525.2	0.00020	1	ND	no std
Total PCBs	EPA 505	0.00010	1	ND	0.5
Toxaphene	EPA 505	0.00050	1	ND	0.003
GROUP V					
RADIOACTIVITY		Picocuries per Liter			
Alpha, Gross	EPA 900.0	3.0	1	ND	15
Beta, Gross	EPA 900.0	3.0	1	ND	50
Radium 226 (Subbed)	EPA 903.1	0.63	1	ND	5
Radium 228 (Subbed)	EPA 904.0	0.67	1	ND	5
Uranium ICAP/MS (mg/L)	EPA 200.8	0.0010	1	ND	0.03
GROUP VIa					
BACTERIOLOGICAL		Colonies/100 mL			
E Coli Bacteria	SM 9223	1.0	1	ND	1.1
Total Coliform Bacteria	SM 9223	1.0	1	ND	no std
GROUP VII					
Disinfection Byproducts		Milligrams per Liter			
Bromate by UV/VIS	EPA 317	0.0010	1	ND	0.01
Chlorite	EPA 300.0	0.010	1	ND	1
D/DBP Haloacetic Acids (HAA5)	SM 6251B	0.0020	1	ND	0.06
GROUP VIII					
Residual Disinfectants		Milligrams per Liter			
Chloramines	SM 4500CL-G/HACH	0.10	1	ND	4
Chlorine Dioxide	SM 4500CLO2-D/HACH	0.24	1	ND	0.8
Total Chlorine Residual	SM 4500CL-G/HACH	0.10	1	0.31	4
GROUP II					
CHEMICAL SUBSTANCE 1		Milligrams per Liter			
Aluminum Total ICAP/MS	EPA 200.8	0.020	1	ND	0.2

SOQ=Standard of Quality per FDA or California
ND=Not detected at the specified limit
All results reported in milligrams per liter unless otherwise noted

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
2,4-D	EPA 515.4	0.00010	1	ND	0.07
3-Hydroxycarbofuran	EPA 531.2	0.00050	1	ND	no std
Alachlor (Alanex)	EPA 505	0.00010	1	ND	0.002
Aldicarb (Temik)	EPA 531.2	0.00050	1	ND	no std
Aldicarb sulfone	EPA 531.2	0.00050	1	ND	no std
Aldicarb sulfoxide	EPA 531.2	0.00050	1	ND	no std
Aldrin	EPA 505	0.000010	1	ND	no std
Atrazine	EPA 525.2	0.000050	1	ND	0.003
Baygon	EPA 531.2	0.00050	1	ND	no std
Bentazon	EPA 515.4	0.00050	1	ND	0.018
Benzo(a)pyrene	EPA 525.2	0.000020	1	ND	0.0002
Carbaryl	EPA 531.2	0.00050	1	ND	no std
Carbofuran	EPA 531.2	0.00050	1	ND	0.04
Chlordane	EPA 505	0.00010	1	ND	0.0005
Dalapon	EPA 515.4	0.0010	1	ND	0.2
Di-(2-Ethylhexyl)adipate	EPA 525.2	0.00060	1	ND	0.4
Di(2-Ethylhexyl)phthalate	EPA 525.2	0.00060	1	ND	0.004
Dibromochloropropane (DBCP)	EPA 551.1	0.000010	1	ND	0.0002
Dicamba	EPA 515.4	0.00010	1	ND	no std
Dieldrin	EPA 505	0.000010	1	ND	no std
Dinoseb	EPA 515.4	0.00020	1	ND	0.007
Diquat	EPA 549.2	0.00040	1	ND	0.02
Endothall	EPA 548.1	0.0050	1	ND	0.1
Endrin	EPA 505	0.000010	1	ND	0.002
Ethylene Dibromide (EDB)	EPA 551.1	0.000010	1	ND	0.00005
Glyphosate	EPA 547	0.0060	1	ND	0.7
Heptachlor	EPA 505	0.000010	1	ND	0.0004
Heptachlor Epoxide	EPA 505	0.000010	1	ND	0.0002
Hexachlorobenzene	EPA 525.2	0.000050	1	ND	0.001
Hexachlorocyclopentadiene	EPA 525.2	0.000050	1	ND	0.05
Lindane (gamma-BHC)	EPA 505	0.000010	1	ND	0.0002
Methiocarb	EPA 531.2	0.00050	1	ND	no std
Methomyl	EPA 531.2	0.00050	1	ND	no std
Methoxychlor	EPA 505	0.000050	1	ND	0.04
Oxamyl (Vydate)	EPA 531.2	0.00050	1	ND	0.2
Paraquat	EPA 549.2	0.0020	1	ND	no std
Pentachlorophenol	EPA 515.4	0.000040	1	ND	0.001
Picloram	EPA 515.4	0.00010	1	ND	0.5

SOQ=Standard of Quality per FDA or California

ND=Not detected at the specified limit

All results reported in milligrams per liter unless otherwise noted

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
cis-1,2-Dichloroethylene	EPA 524.2	0.00050	1	ND	0.07
cis-1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
Dibromomethane	EPA 524.2	0.00050	1	ND	no std
Dichlorodifluoromethane	EPA 524.2	0.00050	1	ND	no std
Dichloromethane	EPA 524.2	0.00050	1	ND	0.005
Ethyl benzene	EPA 524.2	0.00050	1	ND	0.7
Fluorotrichloromethane-Freon11	EPA 524.2	0.00050	1	ND	no std
Hexachlorobutadiene	EPA 524.2	0.00050	1	ND	no std
Isopropylbenzene	EPA 524.2	0.00050	1	ND	no std
m,p-Xylenes	EPA 524.2	0.00050	1	ND	no std
m-Dichlorobenzene (1,3-DCB)	EPA 524.2	0.00050	1	ND	0.6
Methyl ethyl ketone (MEK, Butanone)	EPA 524.2	0.0050	1	ND	no std
MTBE	EPA 524.2	0.00050	1	ND	no std
n-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
n-Propylbenzene	EPA 524.2	0.00050	1	ND	no std
o-Chlorotoluene	EPA 524.2	0.00050	1	ND	no std
o-Dichlorobenzene (1,2-DCB)	EPA 524.2	0.00050	1	ND	0.6
o-Xylene	EPA 524.2	0.00050	1	ND	no std
p-Chlorotoluene	EPA 524.2	0.00050	1	ND	no std
p-Dichlorobenzene (1,4-DCB)	EPA 524.2	0.00050	1	ND	0.075
p-Isopropyltoluene	EPA 524.2	0.00050	1	ND	no std
sec-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
Styrene	EPA 524.2	0.00050	1	ND	0.1
tert-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
Tetrachloroethylene (PCE)	EPA 524.2	0.00050	1	ND	0.005
Toluene	EPA 524.2	0.00050	1	ND	1
Total 1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	0.0005
Total THM	EPA 524.2	0.00050	1	0.00099	0.010
Total xylenes	EPA 524.2	0.00050	1	ND	10
trans-1,2-Dichloroethylene	EPA 524.2	0.00050	1	ND	0.1
trans-1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
Trichloroethylene (TCE)	EPA 524.2	0.00050	1	ND	0.005
Trichlorotrifluoroethane(Freon	EPA 524.2	0.00050	1	ND	no std
Vinyl chloride (VC)	EPA 524.2	0.00030	1	ND	0.002
GROUP IV					
CHEMICAL SUBSTANCE 3 (NON VOC)		Milligrams per Liter			
2,3,7,8-TCDD, ug/L	EPA 1613B	0.0000000050	1	ND	0.000030
2,4,5-TP (Silvex)	EPA 515.4	0.00020	1	ND	0.05

SOQ=Standard of Quality per FDA or California

ND=Not detected at the specified limit

All results reported in milligrams per liter unless otherwise noted

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Potassium Total ICAP	EPA 200.7	1.0	1	ND	no std
Selenium Total ICAP/MS	EPA 200.8	0.0050	1	ND	0.05
Silver Total ICAP/MS	EPA 200.8	0.00050	1	ND	0.1
Sodium Total ICAP	EPA 200.7	1.0	1	ND	no std
Sulfate	EPA 300.0	0.50	1	ND	250
Thallium Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.002
Total Nitrate + Nitrite	EPA 300.0	0.10	1	ND	10
Zinc Total ICAP/MS	EPA 200.8	0.020	1	ND	5.0
GROUP III					
CHEMICAL SUBSTANCE 2 (VOC)		Milligrams per Liter			
1,1,1,2-Tetrachloroethane	EPA 524.2	0.00050	1	ND	no std
1,1,1-Trichloroethane	EPA 524.2	0.00050	1	ND	0.20
1,1,2,2-Tetrachloroethane	EPA 524.2	0.00050	1	ND	no std
1,1,2-Trichloroethane	EPA 524.2	0.00050	1	ND	0.005
1,1-Dichloroethane	EPA 524.2	0.00050	1	ND	0.05
1,1-Dichloroethene	EPA 524.2	0.00050	1	ND	0.007
1,1-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
1,2,3-Trichlorobenzene	EPA 524.2	0.00050	1	ND	no std
1,2,3-Trichloropropane	EPA 524.2	0.00050	1	ND	no std
1,2,4-Trichlorobenzene	EPA 524.2	0.00050	1	ND	0.07
1,2,4-Trimethylbenzene	EPA 524.2	0.00050	1	ND	no std
1,2-Dichloroethane	EPA 524.2	0.00050	1	ND	0.005
1,2-Dichloropropane	EPA 524.2	0.00050	1	ND	0.005
1,3,5-Trimethylbenzene	EPA 524.2	0.00050	1	ND	no std
1,3-Dichloropropane	EPA 524.2	0.00050	1	ND	no std
2,2-Dichloropropane	EPA 524.2	0.00050	1	ND	no std
Benzene	EPA 524.2	0.00050	1	ND	0.005
Bromobenzene	EPA 524.2	0.00050	1	ND	no std
Bromochloromethane	EPA 524.2	0.00050	1	ND	no std
Bromodichloromethane	EPA 524.2	0.00050	1	ND	no std
Bromoform	EPA 524.2	0.00050	1	0.00099	no std
Bromomethane	EPA 524.2	0.00050	1	ND	no std
Carbon Tetrachloride	EPA 524.2	0.00050	1	ND	0.002
Chlorobenzene	EPA 524.2	0.00050	1	ND	0.1
Chlorodibromomethane	EPA 524.2	0.00050	1	ND	no std
Chloroethane	EPA 524.2	0.00050	1	ND	no std
Chloroform (Trichloromethane)	EPA 524.2	0.00050	1	ND	no std
Chloromethane	EPA 524.2	0.00050	1	ND	no std

SOQ=Standard of Quality per FDA or California

ND=Not detected at the specified limit

All results reported in milligrams per liter unless otherwise noted