LIQUID DEATH Bottled Water Report as required by California SB 220

LIQUID DEATH water is a natural drinking water that meets all federal and state health standards. As a food product, it is regulated by the FDA whereas the EPA regulates tap water as provided by water utilities. Standards of quality enacted by the FDA for bottled water must be as protective of the public health as EPA's standards (known as Maximum Contaminant Levels) for tap water. Besides murdering your thirst, our number one goal is to ensure that consumers of our water are protected.

Our water is obtained from a private protected underground source managed by Starzinger in Frankenmarkt, Austria. Our water is processed using a combination of filtration and pasteurization to remove any microbiological contaminants.

Our company regularly tests for organic chemicals and inorganic chemicals that are regulated by the FDA. No contaminants were detected above FDA's MCL (Maximum Contaminant Limits) in our testing for 2017-2018. There have been no violations of any FDA Standard of Quality.

The U.S. Food and Drug Administration (FDA) has established standards of identity for various types of bottled water, including spring water, mineral water, artesian water and purified water. LIQUID DEATH bottled water is made using natural drinking water, which the FDA defines as:

"Bottled water is water that is intended for human consumption and that is sealed in bottles or other containers with no added ingredients except that it may optionally contain safe and suitable antimicrobial agents."

Bottled water is a food product under Federal and state law and it must meet standards of quality established by the FDA.

The FDA provides recall information at: <a href="http://www.fda.gov/opacom/7alerts.html">http://www.fda.gov/opacom/7alerts.html</a>

The State of California requires that we provide the following definitions and statements as part of this report.

## **DEFINITIONS**

"statement of quality (SOQ)" - The standard (statement) of quality for bottled water is the highest level of a contaminant that is allowed in a container of bottled water, as established by the United States Food and Drug Administration (FDA) and the California Department of Public Health. The standards can be no less protective of public health than the standards for public drinking water, established by the U.S. Environmental Protection Agency (EPA) or the California Department of Public Health.

"maximum contaminant level (MCL)" - The highest level of a contaminant that is allowed in drinking water, established by the U.S. Environmental Protection Agency (EPA) or the California Department of Public Health. Primary MCLs are set as close to the PHGs as is economically and technologically feasible.

"public health goal (PHG)" - The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

"primary drinking water standard" - MCLs for contaminants established by the U.S. Environmental Protection Agency (EPA) or the California Department of Public Health that affect health along with their monitoring and reporting requirements.

## **STATEMENTS**

"Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the United States Food and Drug Administration, Food and Cosmetic Hotline (1-888-723-3366)."

"Some persons may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, including, but not limited to, persons with cancer who are undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, some elderly persons, and infants can be particularly at risk from infections. These persons should seek advice about drinking water from their health care providers. The United States Environmental Protection Agency and the Centers for Disease control and Prevention guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791)."

"The sources of bottled water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water naturally travels over the surface of the land or through the ground, it can pick up naturally occurring substances as well as substances that are present due to animal and human activity."

"Substances that may be present in the source water include any of the following:

- 1. Inorganic substances, including, but not limited to, salts and metals, that can be naturally occurring or result from farming, urban storm water runoff, industrial or domestic wastewater discharges, or oil and gas production.
- 2. Pesticides and herbicides that may come from a variety of sources, including but not limited to, agriculture, urban storm water runoff, and residential uses.
- 3. Organic substances that are by-products of industrial processes and petroleum production and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems.
- 4. Microbial organisms that may come from wildlife, agricultural livestock operations, sewage treatment plants, and septic systems.
- 5. Substances with radioactive properties that can be naturally occurring or be the result of oil and gas production and mining activities.

"In order to ensure that bottled water is safe to drink, the United States Food and Drug Administration and the State Department of Public Health prescribe regulations that limit the amount of certain contaminants in water provided by bottled water companies."



Report Date: 09/04/2020

750 Royal Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tel: (626) 386-1100 Fax: (866) 988-3757 1 800 566 LABS (1 800 566 5227)

Client: Starzinger GmbH & Co KG

Bahnhofstrase 1 Frankenmarkt, 4890

Attention: (1167) Water Quality Manager

Parameter	Method	Reporting Limit	Result
Sample ID: 1167-010 Well #3			Sample #: 202008130109
Primary Inorganics			
Antimony, Total, ICAP/MS	EPA 200.8	0.001	ND
Arsenic, Total, ICAP/MS	EPA 200.8	0.002	ND
Asbestos by TEM - >10 microns, MFL	EPA 100.2	0.2	ND
Barium, Total, ICAP/MS	EPA 200.8	0.002	0.031
Beryllium, Total, ICAP/MS	EPA 200.8	0.001	ND
Cadmium, Total, ICAP/MS	EPA 200.8	0.0005	ND
Chromium, Total, ICAP/MS	EPA 200.8	0.005	ND
Cyanide	SM4500CN-F	0.025	ND
Fluoride	SM 4500F-C	0.05	0.088
Lead, Total, ICAP/MS	EPA 200.8	0.0005	ND
Mercury	EPA 200.8	0.0002	ND
Nickel, Total, ICAP/MS	EPA 200.8	0.005	ND
Nitrate as Nitrogen by IC	EPA 300.0	0.2	ND
Nitrite, Nitrogen by IC	EPA 300.0	0.1	ND
Total Nitrate and Nitrite	EPA 300.0	0.1	ND
Selenium, Total, ICAP/MS	EPA 200.8	0.005	ND
Thallium, Total, ICAP/MS	EPA 200.8	0.001	ND
Secondary Inorganics			
Alkalinity in CaCO3 units	SM 2320B	2	150
Aluminum, Total, ICAP/MS	EPA 200.8	0.02	ND
Bicarb.Alkalinity as HCO3,calc	SM2330B	2	190
Boron, Total, ICAP	EPA 200.7	0.05	ND
Bromide	EPA 300.0	0.005	0.0051
Calcium, Total, ICAP	EPA 200.7	1	27
Carbonate as CO3, Calculated	SM2330B	2	ND
Chloride	EPA 300.0	0.5	ND
Copper, Total, ICAP/MS	EPA 200.8	0.002	ND
Corrosivity, Units	SM 2330B	-14	0.22
Foaming Agents (MBAS)	SM 5540C/EPA 425.1	0.1	ND
Calcium Hardness as CACO3	EPA 200.7	5	67
Hardness, Total	SM 2340B	3	130
Hydroxide as OH, Calculated	SM2330B	2	ND

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Sample ID: 1167-010 Well #3		Sa	ample #: 202008130109
Iron, Total, ICAP	EPA 200.7	0.02	ND
Magnesium, Total, ICAP	EPA 200.7	0.1	16
Manganese, Total, ICAP/MS	EPA 200.8	0.002	0.0038
Orthophosphate-P	4500P-E/365.1	0.01	0.017
pH (units)	SM4500-HB	0.1	8.0
Phenolic Compounds-low level	EPA 420.4	0.001	ND
Potassium, Total, ICAP	EPA 200.7	1	ND
Silver, Total, ICAP/MS	EPA 200.8	0.0005	ND
Sodium, Total, ICAP	EPA 200.7	1	12
Specific Conductance, umho/cm	SM2510B	10	290
Sulfate	EPA 300.0	1	7.5
Total Dissolved Solids (TDS)	E160.1/SM2540C	10	170
Uranium, Total, ICAP/MS	EPA 200.8	0.001	ND
Uranium, Total, ICAP/MS as pCi/L	EPA 200.8	0.7	ND
Zinc, Total, ICAP/MS	EPA 200.8	0.02	ND
Physical			
Color (ACU)	SM 2120B	3	ND
Odor at 60C (TON)	SM 2150B	1	ND
Turbidity (NTU)	EPA 180.1	0.1	0.16
Volatile Organic Compounds			
Benzene	EPA 524.2	0.0005	ND
Bromobenzene	EPA 524.2	0.0005	ND
Bromochloromethane	EPA 524.2	0.0005	ND
Bromodichloromethane	EPA 524.2	0.0005	ND
Bromoform	EPA 524.2	0.0005	ND
Bromomethane	EPA 524.2	0.0005	ND
n-Butylbenzene	EPA 524.2	0.0005	ND
sec-Butylbenzene	EPA 524.2	0.0005	ND
tert-Butylbenzene	EPA 524.2	0.0005	ND
Carbon Tetrachloride	EPA 524.2	0.0005	ND
Chlorobenzene	EPA 524.2	0.0005	ND
Chloroethane	EPA 524.2	0.0005	ND
Chloroform (Trichloromethane)	EPA 524.2	0.0005	ND



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Chloromethane(Methyl Chloride)	EPA 524.2	0.0005	ND
2-Chlorotoluene	EPA 524.2	0.0005	ND
4-Chlorotoluene	EPA 524.2	0.0005	ND
Chlorodibromomethane	EPA 524.2	0.0005	ND
Dibromomethane	EPA 524.2	0.0005	ND
1,2-Dichlorobenzene (1,2-DCB)	EPA 524.2	0.0005	ND
1,3-Dichlorobenzene	EPA 524.2	0.0005	ND
1,4-Dichlorobenzene	EPA 524.2	0.0005	ND
Dichlorodifluoromethane	EPA 524.2	0.0005	ND
1,1-Dichloroethane	EPA 524.2	0.0005	ND
1,2-Dichloroethane	EPA 524.2	0.0005	ND
1,1-Dichloroethylene	EPA 524.2	0.0005	ND
cis-1,2-Dichloroethylene	EPA 524.2	0.0005	ND
trans-1,2-Dichloroethylene	EPA 524.2	0.0005	ND
1,2-Dichloropropane	EPA 524.2	0.0005	ND
1,3-Dichloropropane	EPA 524.2	0.0005	ND
2,2-Dichloropropane	EPA 524.2	0.0005	ND
1,1-Dichloropropene	EPA 524.2	0.0005	ND
cis-1,3-Dichloropropene	EPA 524.2	0.0005	ND
trans-1,3-Dichloropropene	EPA 524.2	0.0005	ND
Di-Isopropyl ether	EPA 524.2	0.003	ND
Ethyl benzene	EPA 524.2	0.0005	ND
Hexachlorobutadiene	EPA 524.2	0.0005	ND
Isopropylbenzene	EPA 524.2	0.0005	ND
4-Isopropyltoluene	EPA 524.2	0.0005	ND
4-Methyl-2-Pentanone (MIBK)	EPA 524.2	0.005	ND
Methyl Tert-butyl ether (MTBE)	EPA 524.2	0.0005	ND
Methyl Ethyl Ketone (MEK)	EPA 524.2	0.005	ND
Methylene Chloride (Dichloromethane)	EPA 524.2	0.0005	ND
Naphthalene	EPA 524.2	0.0005	ND
n-Propylbenzene	EPA 524.2	0.0005	ND
Styrene	EPA 524.2	0.0005	ND
Tert-Amyl Methyl Ether (TAME)	EPA 524.2	0.003	ND
Tert-Butyl Ethyl Ether (TBEE)	EPA 524.2	0.003	ND
1,1,1,2-Tetrachloroethane	EPA 524.2	0.0005	ND

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1,1,2,2-Tetrachloroethane	EPA 524.2	0.0005	ND	
Tetrachloroethylene (PCE)	EPA 524.2	0.0005	ND	
Toluene	EPA 524.2	0.0005	ND	
1,2,3-Trichlorobenzene	EPA 524.2	0.0005	ND	
1,2,4-Trichlorobenzene	EPA 524.2	0.0005	ND	
1,1,1-Trichloroethane	EPA 524.2	0.0005	ND	
1,1,2-Trichloroethane	EPA 524.2	0.0005	ND	
Trichloroethylene (TCE)	EPA 524.2	0.0005	ND	
Trichlorofluoromethane (Freon 11)	EPA 524.2	0.0005	ND	
Trichlorotrifluoroethane(Freon 113)	EPA 524.2	0.0005	ND	
1,2,3-Trichloropropane	EPA 524.2	0.0005	ND	
1,2,4-Trimethylbenzene	EPA 524.2	0.0005	ND	
1,3,5-Trimethylbenzene	EPA 524.2	0.0005	ND	
Vinyl chloride (VC)	EPA 524.2	0.0003	ND	
Total xylenes	EPA 524.2	0.0005	ND	
m,p-Xylenes	EPA 524.2	0.0005	ND	
o-Xylene	EPA 524.2	0.0005	ND	
Carbon Disulfide	EPA 524.2	0.0005	ND	
EDB and DBCP				
Dibromochloropropane (DBCP)	EPA 504.1	0.00001	ND	
Ethylene Dibromide (EDB)	EPA 504.1	0.00001	ND	
1,2,3-Trichloropropane	EPA 504.1	0.00002	ND	
Pesticides and PCBs				
Alachlor (Alanex)	EPA 505	0.0001	ND	
Aldrin	EPA 505	0.00001	ND	
Chlordane	EPA 505	0.0001	ND	
Dieldrin	EPA 505	0.00001	ND	
Endrin	EPA 505	0.00001	ND	
Heptachlor	EPA 505	0.00001	ND	
Heptachlor Epoxide	EPA 505	0.00001	ND	
Lindane (gamma-BHC)	EPA 505	0.00001	ND	
Methoxychlor	EPA 505	0.00005	ND	
Total PCBs	EPA 505	0.0001	ND	



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PCB 1016 Aroclor	EPA 505	0.00008	ND	
PCB 1221 Aroclor	EPA 505	0.0001	ND	
PCB 1232 Aroclor	EPA 505	0.0001	ND	
PCB 1242 Aroclor	EPA 505	0.0001	ND	
PCB 1248 Aroclor	EPA 505	0.0001	ND	
PCB 1254 Aroclor	EPA 505	0.0001	ND	
PCB 1260 Aroclor	EPA 505	0.0001	ND	
Toxaphene	EPA 505	0.0005	ND	
Herbicides				
2,4,5-T	EPA 515.4	0.0002	ND	
2,4,5-TP (Silvex)	EPA 515.4	0.0002	ND	
2,4-D	EPA 515.4	0.0001	ND	
2,4-DB	EPA 515.4	0.002	ND	
Dichlorprop	EPA 515.4	0.0005	ND	
Acifluorfen	EPA 515.4	0.0002	ND	
Bentazon	EPA 515.4	0.0005	ND	
Dalapon	EPA 515.4	0.001	ND	
3,5-Dichlorobenzoic acid	EPA 515.4	0.0005	ND	
Tot DCPA Mono&Diacid Degradate	EPA 515.4	0.0001	ND	
Dicamba	EPA 515.4	0.0001	ND	
Dinoseb	EPA 515.4	0.0002	ND	
Pentachlorophenol	EPA 515.4	0.00004	ND	
Picloram	EPA 515.4	0.0001	ND	
Semivolatile Organic Compounds				
Acenaphthene	EPA 525.2	0.0001	ND	
Acenaphthylene	EPA 525.2	0.0001	ND	
Acetochlor	EPA 525.2	0.0001	ND	
Alpha-BHC	EPA 525.2	0.0001	ND	
alpha-Chlordane	EPA 525.2	0.00005	ND	
Anthracene	EPA 525.2	0.00002	ND	
Atrazine	EPA 525.2	0.00005	ND	
Benz(a)Anthracene	EPA 525.2	0.00005	ND	
Benzo(a)pyrene	EPA 525.2	0.00002	ND	

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Sample ID: 1167-010 Well #3			Sample #: 202008130109
Benzo(g,h,i)Perylene	EPA 525.2	0.00005	ND
Benzo(b)Fluoranthene	EPA 525.2	0.00002	ND
Benzo(k)Fluoranthene	EPA 525.2	0.00002	ND
Beta BHC	EPA 525.2	0.0001	ND
Butachlor	EPA 525.2	0.00005	ND
Butylbenzylphthalate	EPA 525.2	0.0005	ND
Chlorobenzilate	EPA 525.2	0.0001	ND
Chloroneb	EPA 525.2	0.0001	ND
Chlorothalonil	EPA 525.2	0.0001	ND
Chlorpyrifos	EPA 525.2	0.00005	ND
Chrysene	EPA 525.2	0.00002	ND
Bromacil	EPA 525.2	0.0001	ND
4,4-DDD	EPA 525.2	0.0001	ND
4,4-DDE	EPA 525.2	0.0001	ND
4,4-DDT	EPA 525.2	0.0001	ND
Delta BHC	EPA 525.2	0.0001	ND
Dibenz(a,h)Anthracene	EPA 525.2	0.00005	ND
Diethylphthalate	EPA 525.2	0.0005	ND
Di(2-Ethylhexyl)phthalate	EPA 525.2	0.0006	ND
Diazinon (Qualitative)	EPA 525.2	0.0001	ND
Dieldrin	EPA 525.2	0.0002	ND
Dichlorvos (DDVP)	EPA 525.2	0.00005	ND
Dimethoate	EPA 525.2	0.0001	ND
Di-n-Butylphthalate	EPA 525.2	0.001	ND
2,4-Dinitrotoluene	EPA 525.2	0.0001	ND
Di-n-octylphthalate	EPA 525.2	0.0001	ND
2,6-Dinitrotoluene	EPA 525.2	0.0001	ND
Di-(2-Ethylhexyl)adipate	EPA 525.2	0.0006	ND
Dimethylphthalate	EPA 525.2	0.0005	ND
Endosulfan I (Alpha)	EPA 525.2	0.0001	ND
Endosulfan II (Beta)	EPA 525.2	0.0001	ND
Endosulfan Sulfate	EPA 525.2	0.0001	ND
Endrin Aldehyde	EPA 525.2	0.0001	ND
EPTC	EPA 525.2	0.0001	ND
Fluoranthene	EPA 525.2	0.0001	ND

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Fluorene	Parameter	Method	Reporting Limit	Result
gamma-Chlordane     EPA 525.2     0.00005     ND       Heptachlor     EPA 525.2     0.00004     ND       Hexachlorobenzene     EPA 525.2     0.00005     ND       Hexachlorocyclopentadiene     EPA 525.2     0.00005     ND       Indeno(1,2,3,c,d)Pyrene     EPA 525.2     0.00005     ND       Isophorone     EPA 525.2     0.00005     ND       Melathion     EPA 525.2     0.00005     ND       Melathion     EPA 525.2     0.00005     ND       Meltibuzin     EPA 525.2     0.00005     ND       Meltibuzin     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.00001     ND       Naphthalene     EPA 525.2     0.00003     ND       trans-Nonachlor     EPA 525.2     0.00003     ND       Parathion     EPA 525.2     0.00001     ND       Peradimethalin     EPA 525.2     0.00001     ND       Permethrin     EPA 525.2     0.00002	Sample ID: 1167-010 Well #3		San	nple #: 202008130109
Helptachlor     EPA 525.2     0.00004     ND       Hexachlorobenzene     EPA 525.2     0.00005     ND       Hexachloroberladiene     EPA 525.2     0.00005     ND       Indeno(1,2,3,c,d)Pyrene     EPA 525.2     0.00005     ND       Isophorone     EPA 525.2     0.00005     ND       Malathion     EPA 525.2     0.0001     ND       Metolachlor     EPA 525.2     0.00005     ND       Metribuzin     EPA 525.2     0.00005     ND       Metribuzin     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.00001     ND       Naphthalene     EPA 525.2     0.0001     ND       Naphthalene     EPA 525.2     0.0003     ND       trans-Nonachlor     EPA 525.2     0.00005     ND       Parathion     EPA 525.2     0.00001     ND       Permethin     EPA 525.2     0.0001     ND       Permethin     EPA 525.2     0.0001     ND       Propachlor     EPA 525.2     0.00005     ND	Fluorene	EPA 525.2	0.00005	ND
Hexachlorobenzene     EPA 525.2     0.00005     ND       Hexachlorocyclopentadiene     EPA 525.2     0.00005     ND       Indeno(1,2,3,c,d)Pyrene     EPA 525.2     0.00005     ND       Isophorone     EPA 525.2     0.0005     ND       Malathion     EPA 525.2     0.0001     ND       Metolachlor     EPA 525.2     0.00005     ND       Metolachlor     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.0001     ND       Naphthalene     EPA 525.2     0.0003     ND       Varans-Nonachlor     EPA 525.2     0.0003     ND       Parathion     EPA 525.2     0.0001     ND       Peradimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0001     ND       Phenanthrene     EPA 525.2     0.00004     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND	gamma-Chlordane	EPA 525.2	0.00005	ND
Hexachlorocyclopentadiene     EPA 525.2     0.00005     ND       Indeno(1,2,3,c,d)Pyrene     EPA 525.2     0.00005     ND       Isophorone     EPA 525.2     0.0005     ND       Malathion     EPA 525.2     0.0001     ND       Metribuzin     EPA 525.2     0.00005     ND       Metribuzin     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.0001     ND       Malathiane     EPA 525.2     0.0001     ND       Naphthalene     EPA 525.2     0.0003     ND       Varians-Nonachlor     EPA 525.2     0.0001     ND       Parathion     EPA 525.2     0.0001     ND       Parathion     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Propachlor     EPA 525.2     0.0004     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND <tr< td=""><td>Heptachlor</td><td>EPA 525.2</td><td>0.00004</td><td>ND</td></tr<>	Heptachlor	EPA 525.2	0.00004	ND
Indeno(1,2,3,c,d)Pyrene	Hexachlorobenzene	EPA 525.2	0.00005	ND
Sophorone   EPA 525.2   0.0005   ND   Malathion   EPA 525.2   0.0001   ND   Metolachlor   EPA 525.2   0.0001   ND   Metolachlor   EPA 525.2   0.00005   ND   Metribuzin   EPA 525.2   0.00005   ND   Metribuzin   EPA 525.2   0.00005   ND   Metribuzin   EPA 525.2   0.0001   ND   Maphthalene   EPA 525.2   0.0003   ND   MD   Maphthalene   EPA 525.2   0.0003   ND   MD   Maphthalene   EPA 525.2   0.0001   ND   MD   MD   MD   MD   MD   MD   MD	Hexachlorocyclopentadiene	EPA 525.2	0.00005	ND
Malathion     EPA 525.2     0.0001     ND       Metolachlor     EPA 525.2     0.00005     ND       Metribuzin     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.0001     ND       Naphthalene     EPA 525.2     0.0003     ND       trans-Nonachlor     EPA 525.2     0.0001     ND       Parathion     EPA 525.2     0.0001     ND       Perindinethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.0004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuchlylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Trif	Indeno(1,2,3,c,d)Pyrene	EPA 525.2	0.00005	ND
Metolachlor     EPA 525.2     0.00005     ND       Metribuzin     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.0001     ND       Naphthalene     EPA 525.2     0.0003     ND       trans-Nonachlor     EPA 525.2     0.00005     ND       Parathion     EPA 525.2     0.0001     ND       Pendimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Trifluralin     EPA 531.2     0.0005     ND       Aldicarb Sulfoxide     EPA 531.2     0.0005     ND	Isophorone	EPA 525.2	0.0005	ND
Metribuzin     EPA 525.2     0.00005     ND       Molinate     EPA 525.2     0.0001     ND       Naphthalene     EPA 525.2     0.0003     ND       trans-Nonachlor     EPA 525.2     0.00005     ND       Parathion     EPA 525.2     0.0001     ND       Pendimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.00001     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates     V     V     ND       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb	Malathion	EPA 525.2	0.0001	ND
Molinate     EPA 525.2     0.0001     ND       Naphthalene     EPA 525.2     0.0003     ND       trans-Nonachlor     EPA 525.2     0.00005     ND       Parathion     EPA 525.2     0.0001     ND       Pendimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbacil     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0001     ND       Triffuralin     EPA 531.2     0.0002     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2	Metolachlor	EPA 525.2	0.00005	ND
Naphthalene     EPA 525.2     0.0003     ND       trans-Nonachlor     EPA 525.2     0.00005     ND       Parathion     EPA 525.2     0.0001     ND       Pendimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Phenanthrene     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0001     ND       Triffuralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EP	Metribuzin	EPA 525.2	0.00005	ND
trans-Nonachlor     EPA 525.2     0.00005     ND       Parathion     EPA 525.2     0.0001     ND       Pendimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates     Aldicarb 525.2     0.0001     ND       Aldicarb wilfone     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND	Molinate	EPA 525.2	0.0001	ND
Parathion     EPA 525.2     0.0001     ND       Pendimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     <	Naphthalene	EPA 525.2	0.0003	ND
Pendimethalin     EPA 525.2     0.0001     ND       Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0001     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       Methiocarb     EPA 53	trans-Nonachlor	EPA 525.2	0.00005	ND
Permethrin     EPA 525.2     0.0002     ND       Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Parathion	EPA 525.2	0.0001	ND
Phenanthrene     EPA 525.2     0.00004     ND       Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Pendimethalin	EPA 525.2	0.0001	ND
Propachlor     EPA 525.2     0.00005     ND       Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Permethrin	EPA 525.2	0.0002	ND
Pyrene     EPA 525.2     0.00005     ND       Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Phenanthrene	EPA 525.2	0.00004	ND
Simazine     EPA 525.2     0.00005     ND       Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Propachlor	EPA 525.2	0.00005	ND
Terbuthylazine     EPA 525.2     0.0001     ND       Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Pyrene	EPA 525.2	0.00005	ND
Terbacil     EPA 525.2     0.0001     ND       Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Simazine	EPA 525.2	0.00005	ND
Thiobencarb     EPA 525.2     0.0002     ND       Trifluralin     EPA 525.2     0.0001     ND       Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Terbuthylazine	EPA 525.2	0.0001	ND
Trifluralin     EPA 525.2     0.0001     ND       Carbamates     Carbamates       Aldicarb (Temik)     EPA 531.2     0.0005     ND       Aldicarb sulfone     EPA 531.2     0.0005     ND       Aldicarb sulfoxide     EPA 531.2     0.0005     ND       Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Terbacil	EPA 525.2	0.0001	ND
Carbamates     Aldicarb (Temik)   EPA 531.2   0.0005   ND     Aldicarb sulfone   EPA 531.2   0.0005   ND     Aldicarb sulfoxide   EPA 531.2   0.0005   ND     Baygon (Propoxur)   EPA 531.2   0.0005   ND     Carbaryl   EPA 531.2   0.0005   ND     Carbofuran (Furadan)   EPA 531.2   0.0005   ND     3 Hydroxycarbofuran   EPA 531.2   0.0005   ND     Methiocarb   EPA 531.2   0.0005   ND	Thiobencarb	EPA 525.2	0.0002	ND
Aldicarb (Temik)   EPA 531.2   0.0005   ND     Aldicarb sulfone   EPA 531.2   0.0005   ND     Aldicarb sulfoxide   EPA 531.2   0.0005   ND     Baygon (Propoxur)   EPA 531.2   0.0005   ND     Carbaryl   EPA 531.2   0.0005   ND     Carbofuran (Furadan)   EPA 531.2   0.0005   ND     3 Hydroxycarbofuran   EPA 531.2   0.0005   ND     Methiocarb   EPA 531.2   0.0005   ND	Trifluralin	EPA 525.2	0.0001	ND
Aldicarb sulfone   EPA 531.2   0.0005   ND     Aldicarb sulfoxide   EPA 531.2   0.0005   ND     Baygon (Propoxur)   EPA 531.2   0.0005   ND     Carbaryl   EPA 531.2   0.0005   ND     Carbofuran (Furadan)   EPA 531.2   0.0005   ND     3 Hydroxycarbofuran   EPA 531.2   0.0005   ND     Methiocarb   EPA 531.2   0.0005   ND	Carbamates			
Aldicarb sulfoxide   EPA 531.2   0.0005   ND     Baygon (Propoxur)   EPA 531.2   0.0005   ND     Carbaryl   EPA 531.2   0.0005   ND     Carbofuran (Furadan)   EPA 531.2   0.0005   ND     3 Hydroxycarbofuran   EPA 531.2   0.0005   ND     Methiocarb   EPA 531.2   0.0005   ND	Aldicarb (Temik)	EPA 531.2	0.0005	ND
Baygon (Propoxur)     EPA 531.2     0.0005     ND       Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Aldicarb sulfone	EPA 531.2	0.0005	ND
Carbaryl     EPA 531.2     0.0005     ND       Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Aldicarb sulfoxide	EPA 531.2	0.0005	ND
Carbofuran (Furadan)     EPA 531.2     0.0005     ND       3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Baygon (Propoxur)	EPA 531.2	0.0005	ND
3 Hydroxycarbofuran     EPA 531.2     0.0005     ND       Methiocarb     EPA 531.2     0.0005     ND	Carbaryl	EPA 531.2	0.0005	ND
Methiocarb EPA 531.2 0.0005 ND	Carbofuran (Furadan)		0.0005	ND
Methiocarb EPA 531.2 0.0005 ND	3 Hydroxycarbofuran	EPA 531.2	0.0005	ND
Methomyl EPA 531.2 0.0005 ND	Methiocarb	EPA 531.2	0.0005	ND
	Methomyl	EPA 531.2	0.0005	ND



Report Date: 09/04/2020

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Client: Starzinger GmbH & Co KG

Bahnhofstrase 1 Frankenmarkt, 4890

Attention: (1167) Water Quality Manager

Parameter	Method	Reporting Limit	Result
Sample ID: 1167-010 Well #3		Sa	ample #: 202008130109
Oxamyl (Vydate)	EPA 531.2	0.0005	ND
Other Organics			
Glyphosate	EPA 547	0.006	ND
Endothall	EPA 548.1	0.005	ND
Diquat	EPA 549.2	0.0004	ND
Paraquat	EPA 549.2	0.002	ND
Disinfection By-products			
Total Trihalomethanes	EPA 524.2	0.0005	ND
Other Compounds			
Perchlorate	EPA 331.0	0.0005	ND
Alpha, Gross, pCi/L	EPA 900.0	3	ND
Beta, Gross, pCi/L	EPA 900.0	3	ND
Radium 226, pCi/L	Ra-226 GA	1	ND
Radium 228, pCi/L	RA-228 GA	1	ND
2,3,7,8-TCDD	EPA 1613B	0.000000005	ND
Combined Radium 226, 228, pCi/L	CALCULATION	2	ND
1,4-Dioxane	EPA 522	0.001	ND



**Laboratory Comments** 

Report: 887018 Project: 1167-STAR Group: Annual

Tel: (626) 386-1100 Fax: (866) 988-3757 1 800 566 LABS (1 800 566 5227)

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## **Client Specific Comments**

Report format not TNI (The NELAC Institute) Standard compliant, but is in client specific format.

## **Folder Comments**

Sample was carbon coated at CEI.