

**SOUTHINGTON WATER DEPARTMENT  
CURRENT WATER SAMPLE RESULTS  
2023**

PARAMETER SUBSTANCES	SOURCE OF STANDARD	UNITS STANDARD	<u>SOURCES</u>						RES.	DIST. SYS.
			WELL 1A	WELL 2A	WELL 3	WELL 7A	WELL 8	WELL 9		
<b>PESTICIDES 2023 (2 routines triennially)</b>										
ALACHLOR	MCL	mg/L 0.002	ND	ND	ND	ND	ND	ND	ND	NR
ALDICARB	MCL	mg/L 0.003	ND	ND	ND	ND	ND	ND	ND	NR
ALDICARB SULFOXIDE	MCL	mg/L 0.004	ND	ND	ND	ND	ND	ND	ND	NR
ALDICARB SULFONE	MCL	mg/L 0.003	ND	ND	ND	ND	ND	ND	ND	NR
ALDRIN	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
ATRAZINE	MCL	mg/L 0.003	ND	ND	ND	ND	ND	ND	ND	NR
BENZO(A)PYRENE	MCL	mg/L 0.0002	ND	ND	ND	ND	ND	ND	ND	NR
BUTACHLOR	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
CARBARYL	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
CARBOFURAN	MCL	mg/L 0.004	ND	ND	ND	ND	ND	ND	ND	NR
CHLORDANE	MCL	mg/L 0.002	ND	ND	ND	ND	ND	ND	ND	NR
DALAPON	MCL	mg/L 0.2	ND	ND	ND	ND	ND	ND	ND	NR
DI(2-ETHYLHEXYL) ADIPATE	MCL	mg/L 0.4	ND	ND	ND	ND	ND	ND	ND	NR
DI(2-ETHYLHEXYL) PHTHALATES	MCL	mg/L 0.006	ND	ND	ND	ND	ND	ND	ND	NR
DICAMBA	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
DIELDRIN	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
DINOSEB	MCL	mg/L 0.007	ND	ND	ND	ND	ND	ND	ND	NR
DIQUAT	MCL	mg/L 0.02	ND	ND	ND	ND	ND	ND	ND	NR
DIBROMOCHLOROPANE (DBCP)	MCL	mg/L 0.0002	ND	ND	ND	ND	ND	ND	ND	NR
2,4-D	MCL	mg/L 0.07	ND	ND	ND	ND	ND	ND	ND	NR
ETHYLENE DIBROMIDE (EDB)	MCL	mg/L 0.00005	ND	ND	ND	ND	ND	ND	ND	NR
ENDRIN	MCL	mg/L 0.002	ND	ND	ND	ND	ND	ND	ND	NR
ENDOTHALL	MCL	mg/L 0.1	ND	ND	ND	ND	ND	ND	ND	NR
GLYPHOSATE	MCL	mg/L 0.7	ND	ND	ND	ND	ND	ND	ND	NR
HEPTACHLOR	MCL	mg/L 0.0004	ND	ND	ND	ND	ND	ND	ND	NR
HEPTACHLOR EPOXIDE	MCL	mg/L 0.0002	ND	ND	ND	ND	ND	ND	ND	NR
HEXACHLOROBENZENE	MCL	mg/L 0.001	ND	ND	ND	ND	ND	ND	ND	NR
HEXACHLOROCYCLOPENTADIENE	MCL	mg/L 0.05	ND	ND	ND	ND	ND	ND	ND	NR
3-HYDRXYCARBOFURAN	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
LINDANE	MCL	mg/L 0.0002	ND	ND	ND	ND	ND	ND	ND	NR
METHOXYCHLOR	MCL	mg/L 0.04	ND	ND	ND	ND	ND	ND	ND	NR
METHOMYL	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
METOLACHLOR	NE	mg/L	ND	ND	ND	0.0775	ND	ND	ND	NR
METRIBUZIN	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
OXAMYL (VYDATE)	MCL	mg/L 0.2	ND	ND	ND	ND	ND	ND	ND	NR
PARAQUAT	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
PICLORAM	MCL	mg/L 0.5	ND	ND	ND	ND	ND	ND	ND	NR
PROPACHLOR	NE	mg/L	ND	ND	ND	ND	ND	ND	ND	NR
SIMAZINE	MCL	mg/L 0.004	ND	ND	ND	ND	ND	ND	ND	NR
2,3,7,8-TCDD (DIOXIN)	MCL	**	NR	NR	NR	NR	NR	NR	NR	NR
POLYCHLORINATED BIPHENYLS (PCB)	MCL	mg/L 0.0005	ND	ND	ND	ND	ND	ND	ND	NR
PENTACHLOROPHENOL	MCL	mg/L 0.001	ND	ND	ND	ND	ND	ND	ND	NR
TOXAPHENE	MCL	mg/L 0.003	ND	ND	ND	ND	ND	ND	ND	NR
2,4,5-TP (SILVEX)	MCL	mg/L 0.05	ND	ND	ND	ND	ND	ND	ND	NR

\*\* = mg/L 0.00000003

MCL= MAXIMUM CONTAMINANT LEVEL. Means the maximum permissible level established by the EPA and/or the State Health Dept.

These levels are established by law.

SMCL=SECONDARY MAXIMUM CONTAMINANT LEVEL. Is the advisable maximum level of a contaminant in water.

NE = NOT ESTABLISHED

N.D.= NOT DETECTED

N.R.= NOT REQUIRED BY LAW



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<p><b>MCL= MAXIMUM CONTAMINANT LEVEL. Means the maximum permissible level.</b>            These levels are established by law.  <b>SMCL=SECONDARY MAXIMUM CONTAMINANT LEVEL. Is the advisable maximum level of a contaminant in water.</b>  <b>AL= ACTION LEVEL.Means the level of concentration at which action should</b>  <b>be taken to reduce the health risk</b>  <b>NE = NOT ESTABLISHED</b>  <b>N.D.= NOT DETECTED</b>  <b>N.R.= NOT REQUIRED BY LAW</b></p>										



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1,2,4-TRIMETHYLBENZENE	NE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NR
1,3,5-TRIMETHYLBENZENE	MCL	ug/L 2.0	ND	ND	ND	ND	ND	ND	ND	ND	NR
VINYL CHLORIDE	NE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NR
METHYL-TERT-BUTYL-ETHER (MTBE)	NE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NR
M-XYLENE	NE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NR
O-XYLENE	NE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	NR
P-XYLENE	MCL	ug/L 10	ND	ND	ND	ND	ND	ND	ND	ND	NR

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Perfluoropentanesulfonic Acid (PFPeS)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanoic Acid (PFHpA)	NE	ppb	ND - 0.003	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanesulfonic Acid (PFHxS)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanoic Acid (PFOA)	NE	ppb	0.007 - 0.008	0.004	0.004 - 0.005	ND	ND	0.005	ND	ND	ND
Perfluoroheptanesulfonic Acid (PFHpS)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorononanoic Acid (PFNA)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic Acid (PFOS)	NE	ppb	0.004 - 0.005	ND	0.004	ND	ND	0.005 - 0.006	ND	ND	ND
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3C)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorodecanoic Acid (PFDA)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroundecanoic Acid (PFUnA)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PI)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorododecanoic Acid (PFDoA)	NE	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND

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