LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118[1] MAX. RESULT	WELL NO. 4 N-00118[1] AVG. RESULT	WELL NO. 5 N-00119[2] MAX. RESULT (raw/treated)	WELL NO. 5 N-00119[2] AVG. RESULT (raw/treated)	WELL NO. 6 N-01651[2] MAX. RESULT (raw/treated)	WELL NO. 6 N-01651[2] AVG. RESULT (raw/treated)	WELL NO. 7 N-05152[1] MAX. RESULT	WELL NO. 7 N-05152[1] AVG. RESULT	WELL NO. 8 N-07665[1] MAX. RESULT	WELL NO. 8 N-07665[1] AVG. RESULT	WELL NO. 9 N-014223[1] MAX. RESULT	WELL NO. 9 N-014223[1] AVG. RESULT
INORGANIC														
ARSENIC	10.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
BARIUM	2.0 mg/l	0.2 mg/l	0.028	0.028	0.086/0.076	0.086/0.076	0.017/0.016	0.017/0.016	0.023	0.023	0.029	0.029	NA	NA
CADMIUM	5.0 ug/l	5.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
CHROMIUM	0.10 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
COPPER	[1.3] mg/l	0.02 mg/l	ND	ND	0.0026/ND	0.0026/ND	0.0081/ND	0.0081/ND	ND	ND	0.0094	0.0094	NA	NA
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
CORROSIVITY	None	None	-3.24	-3.24	-3.10/-2.61	-3.10/-2.61	NA	NA	-3.01	-3.01	-3.09	-3.09	-2.73	-2.73
SELENIUM	50 ug/l	5.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
SILVER	0.1 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
SODIUM	**20/270 mg/l	0.2 mg/l	6.2	6.2	13.9/13.6	13.9/13.6	8.8/8.7	8.8/8.7	9.2	9.2	10.5	10.5	16.0	16.0
ZINC	5.0 mg/l	0.02 mg/l	ND	ND	ND/0.042	ND/0.042	ND	ND	ND	ND	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TURBIDITY	5 Units	1 Unit	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	ND	ND	ND/0.029	ND/0.029	ND	ND	ND	ND	ND	ND	ND	ND
MANGANESE	0.3 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	1.8	1.8	4.1[4]/4.1[4]	3.6/3.8	2.9[1]/3.5[4]	2.9/3.3	3.5	3.5	4.7[3]	4.3	4.1	4.1
CHLORIDE	250 mg/l	1.0 mg/l	9.3	9.3	28.9/29.0	28.9/29.0	14.2/14.1	14.2/14.1	14.8	14.8	15.3	15.3	36.7[4]	35.2
TOTAL HARDNESS	None	1.0 mg/l	29.2	29.2	65.4/62.8	65.4/62.8	39.7/39.2	39.7/39.2	51.1	51.1	56.4	56.4	83.2	83.2
TOTAL ALKALINITY	None	0 mg/l	17.1	17.1	28.5/24.3	28.5/24.3	18.2/21.4	18.2/21.4	35.0	35.0	25.9	25.9	35.1	35.1
pH	None	None	6.6	6.6	6.3/6.3	6.3/6.3	6.1/6.4	6.1/6.4	6.1	6.1	5.6	5.6	5.9	5.9
CALCIUM HARDNESS	None	1.0 mg/l	17.3	17.3	39.2/37.7	39.2/37.7	24.0/23.6	24.0/23.6	30.2	30.2	33.5	33.5	49.7	49.7
TOTAL DISSOLVED SOLIDS	None	5.0 mg/l	43.0	43.0	174/187	174/187	95.0/110	95.0/110	117	117	114	114	197	197
DETERGENTS (MBAS)	None	0.08 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SULFATE	250 mg/l	5.0 mg/l	8.5	8.5	20.4/20.6	20.4/20.6	9.9/9.8	9.9/9.8	11.6	11.6	16.4	16.4	28.0	28.0
FREE CYANIDE	200 ug/l	10.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTIMONY	6.0 ug/l	5.9 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
BERYLLIUM	4.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
CALCIUM	None	1.0 mg/l	6.9	6.9	15.7/15.1	15.7/15.1	9.6/9.5	9.6/9.5	12.1	12.1	13.4	13.4	19.9	19.9
MAGNESIUM	None	1.0 mg/l	2.9	2.9	6.4/6.1	6.4/6.1	3.8/3.8	3.8/3.8	5.1	5.1	5.6	5.6	8.1	8.1
NICKEL	0.1 mg/l	0.0005 mg/l	ND	ND	ND/0.00051	ND/0.00051	0.0012/0.00070	0.0012/0.00070	ND	ND	ND	ND	NA	NA
THALLIUM	2.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
PERCHLORATE	18 ug/l	1.0 ug/l	NA	NA	0.77/1.0	0.77/1.0	0.41/0.37	0.41/0.37	0.44	0.44	8.3[15]	6.5	ND	ND

CONT. - CONTAMINANT
ND - NOT DETECTED
NA - NOT ANALYZED
** - 20 mg/l IS THE LIMIT FOR PEOPLE ON HIGHLY RESTRICTED SODIUM DIETS AND 270 mg/l FOR THOSE ON MODERATELY RESTRICTED SODIUM DIETS
[ ] - USEPA/NYSDH ACTION LEVEL
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118[1] MAX. RESULT	WELL NO. 4 N-00118[1] AVG. RESULT	WELL NO. 5 N-00119[1] MAX. RESULT	WELL NO. 5 N-00119[1] AVG. RESULT	WELL NO. 6 N-01651[1] MAX. RESULT	WELL NO. 6 N-01651[1] AVG. RESULT	WELL NO. 7 N-05152 MAX. RESULT	WELL NO. 7 N-05152 AVG. RESULT	WELL NO. 8 N-07665 MAX. RESULT	WELL NO. 8 N-07665 AVG. RESULT	WELL NO. 9 N-014223 MAX. RESULT	WELL NO. 9 N-014223 AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)														
LINDANE	0.2 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
HEPTACHLOR	0.4 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
ALDRIN	5.0 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
DIELDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
ENDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
METHOXYCHLOR	40.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
TOXAPHENE	3.0 ug/l	2.5 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
CHLORDANE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
TOTAL PCBs	0.5 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
PROPACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
ALACHLOR	2.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
SIMAZINE	4.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
ATRAZINE	3.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
METOLACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
METRIBUZIN	50.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**
BUTACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**	**NOT**	**TESTED**	**NOT**	**TESTED**

CONT. - CONTAMINANT
ND - NOT DETECTED
NA - NOT ANALYZED
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2023.
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118[1] MAX. RESULT	WELL NO. 4 N-00118[1] AVG. RESULT	WELL NO. 5 N-00119[1] MAX. RESULT	WELL NO. 5 N-00119[1] AVG. RESULT	WELL NO. 6 N-01651[1] MAX. RESULT	WELL NO. 6 N-01651[1] AVG. RESULT	WELL NO. 7 N-05152 MAX. RESULT	WELL NO. 7 N-05152 AVG. RESULT	WELL NO. 8 N-07665 MAX. RESULT	WELL NO. 8 N-07665 AVG. RESULT	WELL NO. 9 N-014223 MAX. RESULT	WELL NO. 9 N-014223 AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC) (CONT'D.)														
1,4 DIOXANE	1.0 ug/l	0.7 ug/l	0.057[3]	0.045	0.30[12]	0.24	0.33[4]	0.3	0.23[4]	0.2	0.030[3]	0.017	0.12[4]	0.11
2,4-D	50.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
DINOSEB	7.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
DALAPON	200 ug/l	0.7 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
PICLORAM	500 ug/l	0.6 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
DICAMBA	50.0 ug/l	0.08 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
HEXACHLOROBENZENE	1.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
ALDICARB	3.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
OXAMYL	200 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
METHOMYL	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
CARBOFURAN	40.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
CARBARYL	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
GLYPHOSATE	700 ug/l	10.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
DIQUAT	20 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
ENDOTHALL	100 ug/l	50.0 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
1,2-DIBROMO-3-CHL.PROPANE	0.2 ug/l	0.02 ug/l	ND	ND	ND	ND	ND	ND	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
DIOXIN	30 Pg/L	5.0 Pg/L	NA	NA	NA	NA	NA	NA	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	

CONT. - CONTAMINANT
ND - NOT DETECTED
NA - NOT ANALYZED
Pg/L - PICOGRAMS PER LITER
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2023.
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118[3] MAX. RESULT	WELL NO. 4 N-00118[3] AVG. RESULT	WELL NO. 5 N-00119[16] MAX. RESULT (Raw)	WELL NO. 5 N-00119[16] AVG. RESULT (Raw)	WELL NO. 6 N-01651[16] MAX. RESULT (Raw)	WELL NO. 6 N-01651[16] AVG. RESULT (Raw)	WELL NO. 7 N-05152[4] MAX. RESULT	WELL NO. 7 N-05152[4] AVG. RESULT	WELL NO. 8 N-07665[3] MAX. RESULT	WELL NO. 8 N-07665[3] AVG. RESULT	WELL NO. 9 N-014223[4] MAX. RESULT	WELL NO. 9 N-014223[4] AVG. RESULT
TRIHALOMETHANES AND HALOACETIC ACIDS														
CHLOROACETIC ACID	---	< 2.0 ug/l	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
BROMOACETIC ACID	---	< 1.0 ug/l	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
DICHLOROACETIC ACID	---	< 1.0 ug/l	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
TRICHLOROACETIC ACID	---	< 1.0 ug/l	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
DIBROMOACETIC ACID	---	< 2.0 ug/l	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**		**NOT TESTED**	
CHLOROFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	0.72	0.43	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	0.72	0.43	ND	ND
RADIONUCLIDES														
GROSS ALPHA	15 pCi/L	< 3 pCi/L	0.260[1]	0.260	ND	ND	ND	ND	ND	ND	ND	ND	0.070[1]	0.070
GROSS BETA	50 pCi/L	< 3 pCi/L	1.18[1]	1.18	1.02[1]	1.02	0.696[1]	0.696	0.675[1]	0.675	0.268[1]	0.268	2.29[1]	2.290
RADIUM 226 & 228	5 pCi/L	< 3 pCi/L	0.357[2]	0.357	0.813[2]	0.813	1.24 [2]	1.24	0.727[2]	0.727	0.528[2]	0.528	0.609[2]	0.609
TOTAL URANIUM	30 ug/l	< 3.0 ug/l	0.130[1]	0.130	ND	ND	ND	ND	ND	ND	ND	ND	0.035[1]	0.0

CONT. - CONTAMINANT
ND - NOT DETECTED
NA - NOT ANALYZED
pCi/L - pico Curies per liter
WELL NO. 4 - OUT OF SERVICE
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118 MAX. RESULT	WELL NO. 4 N-00118 AVG. RESULT	WELL NO. 5 N-00119 MAX. RESULT (raw/treated)	WELL NO. 5 N-00119 AVG. RESULT (raw/treated)	WELL NO. 6 N-01651 MAX. RESULT (raw/treated)	WELL NO. 6 N-01651 AVG. RESULT (raw/treated)	WELL NO. 7 N-05152[5] MAX. RESULT	WELL NO. 7 N-05152[5] AVG. RESULT	WELL NO. 8 N-07665 MAX. RESULT	WELL NO. 8 N-07665 AVG. RESULT	WELL NO. 9 N-014223 MAX. RESULT	WELL NO. 9 N-014223 AVG. RESULT
UCMR3														
VOLATILES														
1,1-DICHLOROETHANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND	0.69[4]/0.67[12]	0.17/0.21	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-BUTADIENE	50 ug/l	0.1 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOCHLOROMETHANE	50 ug/l	0.06 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE	5.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORODIFLUOROMETHANE	5.0 ug/l	0.08 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROCHEMICALS														
PERFLUOROBUTANESULFONIC ACID	50,000 ng/l	1.8 - 2.1 ng/l	ND	ND	0.7[3]/ND	0.23/ND	ND	ND	ND	ND	0.89[2]	0.45	0.43[4]	0.108
PERFLUOROHEPTANOIC ACID	50,000 ng/l	1.8 - 2.1 ng/l	ND	ND	1.1[3]/ND	0.37/ND	ND	ND	ND	ND	2.4[2]	2.3	ND	ND
PERFLUOROHEXANESULFONIC ACID	50,000 ng/l	1.8 - 2.1 ng/l	ND	ND	3.7[3]/ND	3.3/ND	ND	ND	ND	ND	1.5[2]	0.8	1.3[4]	0.325
PERFLUORONONANOIC ACID	50,000 ng/l	1.8 - 2.1 ng/l	ND	ND	26[3]/ND	22.0/ND	0.9[4]/ND	0.23/ND	ND	ND	ND	ND	ND	ND
PERFLUOROOCTANESULFONIC ACID	10 ng/l	1.8 - 2.1 ng/l	ND	ND	2.9[3]/ND	2.5/ND	ND	ND	ND	ND	2.7[2]	2.4	0.96[4]	0.24
PERFLUOROOCTANOIC ACID	10 ng/l	1.8 - 2.1 ng/l	2.0[3]	0.68	3.3[3]/ND	2.8/ND	ND	ND	ND	ND	7.2[2]	6.8	2.4[4]	2.3
PERFLUORODECANOIC ACID			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUORODODECANOIC ACID			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROHEXANOIC ACID			ND	ND	0.82[3]/ND	0.27/ND	ND	ND	ND	ND	2.6[2]	2.5	0.9[4]	0.225
PERFLUOROUNDECANOIC ACID			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROBUTANOIC ACID			ND	ND	0.79[3]/ND	0.26/ND	ND	ND	ND	ND	4.2[2]	3.9	1.8[4]	0.45
PERFLUOROPENTANOIC ACID			ND	ND	0.74[3]/ND	0.25/ND	ND	ND	ND	ND	2.5[2]	2.3	0.87	0.218
PERFLUOROPENTANESULFONIC ACID			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROHEPTANESULFONIC ACID			ND	ND	ND	ND	ND	ND	ND	ND	0.53[2]	0.27	0.33[4]	0.083
PFEESA			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFMBA			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFMPA			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11Cl-PF64dS			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4:2FTS			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6:2FTS			3.4[3]	2.0	ND	ND	ND/5.3[4]	ND/1.3	ND	ND	ND	ND	ND	ND
8:2FTS			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9CL-PF3ONS			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ADONA			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HFPO-DA			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NFDHA			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METALS														
CHROMIUM	100 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NOT**	**TESTED**
HEXAVELENT CHROMIUM	No MCL	0.03 ug/l	0.60[1]	0.60	1.2[1]	1.2	1.3[1]	1.3	1.9[1]	1.9	1.3[1]	1.3	0.51[1]	0.51

CONT. - CONTAMINANT
ND - NOT DETECTED
Pg/L - PICOGRAMS PER LITER
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118[3] MAX. RESULT	WELL NO. 4 N-00118[3] AVG. RESULT	WELL NO. 5 N-00119[16] MAX. RESULT (raw/treated)	WELL NO. 5 N-00119[16] AVG. RESULT (raw/treated)	WELL NO. 6 N-01651[16] MAX. RESULT (raw/treated)	WELL NO. 6 N-01651[16] AVG. RESULT (raw/treated)	WELL NO. 7 N-05152[4] MAX. RESULT	WELL NO. 7 N-05152[4] AVG. RESULT	WELL NO. 8 N-07665[3] MAX. RESULT	WELL NO. 8 N-07665[3] AVG. RESULT	WELL NO. 9 N-014223[4] MAX. RESULT	WELL NO. 9 N-014223[4] AVG. RESULT
VOLATILE ORGANICS														
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYLENE CHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	0.69[4]/0.67[12]	0.17/0.21	ND	ND	ND	ND	ND	ND
***cis* -1,2 DICHLOROETHENE**	5.0 ug/l	0.5 ug/l	ND	ND	***6.5[4]/ND	4.2/ND	1.2[4]/1.4[12]	1.1/1.2	ND	ND	ND	ND	ND	ND
2,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOCHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBON TETRACHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	1.7[4]/ND	1.3/ND	1.1[4]/ND	0.90/ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
***cis* -1,3-DICHLOROPROPENE**	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	***6.1[4]/ND	4.2/ND	2.9[4]/ND	2.4/ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT
ND - NOT DETECTED
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118[3] MAX. RESULT	WELL NO. 4 N-00118[3] AVG. RESULT	WELL NO. 5 N-00119[16] MAX. RESULT (raw/treated)	WELL NO. 5 N-00119[16] AVG. RESULT (raw/treated)	WELL NO. 6 N-01651[16] MAX. RESULT (raw/treated)	WELL NO. 6 N-01651[16] AVG. RESULT (raw/treated)	WELL NO. 7 N-05152[4] MAX. RESULT	WELL NO. 7 N-05152[4] AVG. RESULT	WELL NO. 8 N-07665[3] MAX. RESULT	WELL NO. 8 N-07665[3] AVG. RESULT	WELL NO. 9 N-014223[4] MAX. RESULT	WELL NO. 9 N-014223[4] AVG. RESULT
VOLATILE ORGANICS (CONT'D.)														
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M,P-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPROPYLBENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT
ND - NOT DETECTED
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2023 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4 N-00118[3] MAX. RESULT	WELL NO. 4 N-00118[3] AVG. RESULT	WELL NO. 5 N-00119[16] MAX. RESULT (raw/treated)	WELL NO. 5 N-00119[16] AVG. RESULT (raw/treated)	WELL NO. 6 N-01651[16] MAX. RESULT (raw/treated)	WELL NO. 6 N-01651[16] AVG. RESULT (raw/treated)	WELL NO. 7 N-05152[4] MAX. RESULT	WELL NO. 7 N-05152[4] AVG. RESULT	WELL NO. 8 N-07665[3] MAX. RESULT	WELL NO. 8 N-07665[3] AVG. RESULT	WELL NO. 9 N-014223[4] MAX. RESULT	WELL NO. 9 N-014223[4] AVG. RESULT
VOLATILE ORGANICS (CONT'D.)														
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-ISOPROPYLTOLUENE (P-CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYL TERT.BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT
ND - NOT DETECTED
( ) - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR