

LOCUST VALLEY WATER DISTRICT
2021 WATER QUALITY DATA

| PARAMETERS (mg/l) | MAX. CONT. LEVEL | DETECT. LIMITS | WELL NO. 4 N-00118 ⁽¹⁾ | | WELL NO. 5 N-00119 ⁽²⁾ | | WELL NO. 6 N-01651 ⁽²⁾ | | WELL NO. 7 N-05152 ⁽¹⁾ | | WELL NO. 8 N-07665 ⁽¹⁾ | | WELL NO. 9 N-014223 ⁽¹⁾ | |
|---------------------------|------------------|----------------|-----------------------------------|-------------|--|---------------------------|--|---------------------------|-----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT |
| INORGANIC | | | | | | | | | | | | | | |
| ARSENIC | 10.0 ug/l | 3.0 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| BARIUM | 2.0 mg/l | 0.2 mg/l | 0.03 | 0.03 | 0.089/0.10 | 0.089/0.10 | 0.019/0.018 | 0.019/0.018 | 0.033 | 0.033 | 0.025 | 0.025 | 0.087 | 0.087 |
| CADMIUM | 5.0 ug/l | 5.0 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| CHROMIUM | 0.10 mg/l | 0.01 mg/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COPPER | [1.3] mg/l | 0.02 mg/l | 0.0022 | 0.0022 | 0.0048/0.002 | 0.0048/0.002 | 0.0096/ND | 0.0096/ND | 0.0089 | 0.0089 | 0.008 | 0.008 | 0.0086 | 0.0086 |
| 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 | ND | ND |
| MERCURY | 2.0 ug/l | 0.2 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| LANGLIER SATURATION INDEX | None | None | ND | ND | -3.22/-3.2 | -3.22/-3.2 | -3.41/-3.41 | -3.41/-3.41 | 3.35 | -3.35 | -3.41 | -3.41 | -3.07 | -3.07 |
| SELENIUM | 50 ug/l | 5.0 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SILVER | 0.1 mg/l | 0.01 mg/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SODIUM | **20/270 mg/l | 0.2 mg/l | 6.6 | 6.6 | 13.7/13.7 | 13.7/13.7 | 8.8/8.8 | 8.8/8.8 | 9.2 | 9.2 | 9.3 | 9.3 | 14.0 | 14.0 |
| ZINC | 5.0 mg/l | 0.02 mg/l | ND | ND | ND/0.049 | ND/0.049 | ND | ND | ND | ND | ND | ND | 0.025 | 0.025 |
| 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 | 0.039/ND | 0.039/ND | 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 | ND | ND | ND | ND | ND | ND | 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 | 2.4 ⁽²⁾ | 2.4 | 4.2 ⁽⁸⁾ /4.9 ⁽⁸⁾ | 3.7/4.2 | 3.5 ⁽²⁾ /5.3 ⁽⁸⁾ | 3.5/4.2 | 3.5 ⁽²⁾ | 3.5 | 4.9 ⁽⁸⁾ | 3.9 | 3.6 ⁽²⁾ | 3.6 |
| CHLORIDE | 250 mg/l | 1.0 mg/l | 9.4 | 9.4 | 27.5/29.8 | 27.5/29.8 | 14.6/14.6 | 14.6/14.6 | 13.7 | 13.7 | 15.9 | 15.9 | 33.1 ⁽⁴⁾ | 32.0 |
| TOTAL HARDNESS | None | 1.0 mg/l | 33.2 | 33.2 | 69.0/76.3 | 69.0/76.3 | 41.6/41.1 | 41.6/41.1 | 51.1 | 51.1 | 57.4 | 57.4 | 86.6 | 86.6 |
| TOTAL ALKALINITY | None | 0 mg/l | 16.2 | 16.2 | 24.5/22.0 | 24.5/22.0 | 20.9/21.1 | 20.9/21.1 | 31.5 | 31.5 | 24.0 | 24.0 | 30.4 | 30.4 |
| pH | None | None | 5.2 | 5.2 | 5.9/6.1 | 5.9/6.1 | 6.2/6.2 | 6.2/6.2 | 6.1 | 6.1 | 5.4 | 5.4 | 5.6 | 5.6 |
| CALCIUM HARDNESS | None | 1.0 mg/l | 19.7 | 19.7 | 41.7/47.2 | 41.7/47.2 | 24.6/24.6 | 24.6/24.6 | 29.7 | 29.7 | 34.5 | 34.5 | 51.7 | 51.7 |
| TOTAL DISSOLVED SOLIDS | None | 5.0 mg/l | 78.0 | 78.0 | 145.0/47.0 | 145.0/47.0 | 99.0/97.0 | 99.0/97.0 | 99.0 | 99.0 | 124.0 | 124.0 | 188.0 | 188.0 |
| 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 | 8.4 | 8.4 | 18.7/21.2 | 18.7/21.2 | 10.0/10.0 | 10.0/10.0 | 10.0 | 10.0 | 20.6 | 20.6 | 25.8 | 25.8 |
| 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 | ND | ND |
| BERYLLIUM | 4.0 ug/l | 3.0 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| CALCIUM | None | 1.0 mg/l | 7.9 | 7.9 | 16.7/18.9 | 16.7/18.9 | 9.9/9.9 | 9.9/9.9 | 11.9 | 11.9 | 13.8 | 13.8 | 20.7 | 20.7 |
| MAGNESIUM | None | 1.0 mg/l | 3.3 | 3.3 | 6.6/7.1 | 6.6/7.1 | 4.1/4.0 | 4.1/4.0 | 5.2 | 5.2 | 5.6 | 5.6 | 8.5 | 8.5 |
| NICKEL | 0.1 mg/l | 0.0005 mg/l | ND | ND | 0.00058/0.00065 | 0.00058/0.00065 | 0.0011/ND | 0.0011/ND | 0.001 | 0.001 | ND | ND | ND | ND |
| THALLIUM | 2.0 ug/l | 0.3 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| PERCHLORATE | 18 ug/l | 1.0 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | 12.4 ⁽²⁸⁾ | 8.7 | 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/NYS DH ACTION LEVEL

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2021 WATER QUALITY DATA

| PARAMETERS (ug/l) | MAX. CONT. LEVEL | DETECT. LIMITS | WELL NO. 4 N-00118 ⁽¹⁾ | | WELL NO. 5 N-00119 ⁽¹⁾ | | WELL NO. 6 N-01651 ⁽¹⁾ | | WELL NO. 7 N-05152 ⁽¹⁾ | | WELL NO. 8 N-07665 ⁽¹⁾ | | WELL NO. 9 N-014223 ⁽¹⁾ | |
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| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT |
| SYNTHETIC ORGANICS CONTAMINANTS (SOC) | | | | | | | | | | | | | | |
| LINDANE | 0.2 ug/l | 0.025 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| HEPTACHLOR | 0.4 ug/l | 0.025 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ALDRIN | 5.0 ug/l | 0.025 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| HEPTACHLOR EPOXIDE | 0.2 ug/l | 0.025 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| DIELDRIN | 2.0 ug/l | 0.05 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ENDRIN | 2.0 ug/l | 0.05 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| METHOXYCHLOR | 40.0 ug/l | 0.25 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| TOXAPHENE | 3.0 ug/l | 2.5 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| CHLORDANE | 2.0 ug/l | 0.5 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| TOTAL PCBs | 0.5 ug/l | 0.5 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| PROPACHLOR | 50.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ALACHLOR | 2.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| SIMAZINE | 4.0 ug/l | 0.5 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ATRAZINE | 3.0 ug/l | 0.5 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| METOLACHLOR | 50.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| METRIBUZIN | 50.0 ug/l | 0.5 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| BUTACHLOR | 50.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | 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 2021.

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LOCUST VALLEY WATER DISTRICT
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| PARAMETERS (ug/l) | MAX. CONT. LEVEL | DETECT. LIMITS | WELL NO. 4 N-00118 ⁽¹⁾ | | WELL NO. 5 N-00119 ⁽¹⁾ | | WELL NO. 6 N-01651 ⁽¹⁾ | | WELL NO. 7 N-05152 ⁽¹⁾ | | WELL NO. 8 N-07665 ⁽¹⁾ | | WELL NO. 9 N-014223 ⁽¹⁾ | |
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| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT |
| SYNTHETIC ORGANICS CONTAMINANTS (SOC) | | | | | | | | | | | | | | |
| (CONTD.) | | | | | | | | | | | | | | |
| 1,4 DIOXANE | 1.0 ug/l | 0.7 ug/l | 0.058 ⁽³⁾ | 0.055 | 0.49 ⁽¹²⁾ | 0.29 | 0.36 ⁽⁴⁾ | 0.31 | 0.17 ⁽⁴⁾ | 0.155 | 0.048 ⁽⁴⁾ | 0.0298 | 0.095 ⁽⁴⁾ | 0.081 |
| 2,4-D | 50.0 ug/l | 0.25 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| 2,4,5-TP (SILVEX) | 10.0 ug/l | 0.13 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| DINOSEB | 7.0 ug/l | 0.2 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| DALAPON | 200 ug/l | 0.7 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| PICLORAM | 500 ug/l | 0.6 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| DICAMBA | 50.0 ug/l | 0.08 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| PENTACHLOROPHENOL | 1.0 ug/l | 0.2 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| HEXACHLOROCYCLOPENTADIENE | 50.0 ug/l | 0.64 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| bis(2-ETHYLHEXYL)ADIPATE | 400 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| bis(2-ETHYLHEXYL)PHTHALATE | 6.0 ug/l | 3.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| HEXACHLOROBENZENE | 1.0 ug/l | 0.25 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| BENZO(A)PYRENE | 0.2 ug/l | 0.1 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ALDICARB SULFONE | 2.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ALDICARBSULFOXIDE | 4.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ALDICARB | 3.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| TOTAL ALDICARBS | 7.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| OXAMYL | 200 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| METHOMYL | 50.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| 3-HYDROXYCARBOFURAN | 50.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| CARBOFURAN | 40.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| CARBARYL | 50.0 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| GLYPHOSATE | 700 ug/l | 10.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| DIQUAT | 20 ug/l | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ENDOTHALL | 100 ug/l | 50.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| 1,2-DIBROMOETHANE (EDB) | 0.05 ug/l | 0.02 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| 1,2-DIBROMO-3-CHL.PROPANE | 0.2 ug/l | 0.02 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| DIOXIN | 30 Pg/L | 5.0 Pg/L | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |

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Pg/L - PICOGRAMS PER LITER

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| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | 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 | ND | ND | 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 | ND | ND | ND | ND |
| RADIONUCLIDES | | | | | | | | | | | | | | |
| GROSS ALPHA | 15 pCi/L | < 3 pCi/L | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| GROSS BETA | 50 pCi/L | < 3 pCi/L | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| RADIUM 226 & 228 | 5 pCi/L | < 3 pCi/L | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| TOTAL URANIUM | 30 ug/l | < 3.0 ug/l | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |

CONT. - CONTAMINANT

ND - NOT DETECTED

NA - NOT ANALYZED

pCi/L - pico Curies per liter

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

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2021 WATER QUALITY DATA

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|-------------------------------|------------------|----------------|-----------------------------------|-------------|-----------------------------------|---------------------------|---|---------------------------|-----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT |
| UCMR3 | | | | | | | | | | | | | | |
| VOLATILES | | | | | | | | | | | | | | |
| 1,1-DICHLOROETHANE | 5.0 ug/l | 0.03 ug/l | ND | ND | ND | ND | 0.53 ⁽⁴⁾ /0.81 ⁽¹²⁾ | 0.27/0.26 | ND | ND | ND | ND | ND | ND |
| 1,2,3-TRICHLORPROPANE | 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 |
| PERFLUOROCEMICALS | | | | | | | | | | | | | | |
| PERFLUOROBUTANESULFONIC ACID | 50,000 ng/l | 1.8 - 2.1 ng/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| PERFLUOROHEPTANOIC ACID | 50,000 ng/l | 1.8 - 2.1 ng/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| PERFLUOROHEXANESULFONIC ACID | 50,000 ng/l | 1.8 - 2.1 ng/l | ND | ND | 2.8 ⁽⁴⁾ /ND | 2.45/ND | ND | ND | ND | ND | ND | ND | ND | ND |
| PERFLUORONONANOIC ACID | 50,000 ng/l | 1.8 - 2.1 ng/l | ND | ND | 19.5 ⁽⁴⁾ /ND | 16.5/ND | ND | ND | ND | ND | ND | ND | ND | ND |
| PERFLUOROOCETANESULFONIC ACID | 10 ng/l | 1.8 - 2.1 ng/l | ND | ND | ND | ND | ND | ND | ND | ND | 2.6 ⁽⁴⁾ | 0.65 | ND | ND |
| PERFLUOROOCETANOIC ACID | 10 ng/l | 1.8 - 2.1 ng/l | ND | ND | 2.0 ⁽⁴⁾ /ND | 0.5/ND | ND | ND | ND | ND | 4.0 ⁽⁴⁾ | 3.7 | ND | ND |
| METALS | | | | | | | | | | | | | | |
| CHROMIUM | 100 ug/l | 0.2 ug/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COBALT | No MCL | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| MOLYBDENUM | No MCL | 1.0 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| STRONTIUM | No MCL | 0.3 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| VANADIUM | No MCL | 0.2 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| HEXAVALENT CHROMIUM CHLORATE | No MCL | 0.03 ug/l | 0.64 ⁽¹⁾ | 0.64 | 1.1 ⁽¹⁾ | 1.1 | 0.75 ⁽¹⁾ | 0.75 | 1.5 ⁽¹⁾ | 1.5 | 1.4 ⁽¹⁾ | 1.4 | 0.54 ⁽¹⁾ | 0.54 |
| | No MCL | 20 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| HORMONES | | | | | | | | | | | | | | |
| 17-ALPHA-ETHNYLESTRADIOL | 50 ug/l | 0.0004 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| 17-BETA-ESTRADIOL | 50 ug/l | 0.0009 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| 4-ANDROSTENE-3,17-DIONE | 50 ug/l | 0.0003 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| EQUILIN | 50 ug/l | 0.004 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ESTRIOL | 50 ug/l | 0.0008 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| ESTRONE | 50 ug/l | 0.002 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |
| TESTOSTERONE | 50 ug/l | 0.0001 ug/l | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED | NOT TESTED |

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

WELL NO. 5 - OUT OF SERVICE

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2021 WATER QUALITY DATA

| PARAMETERS (ug/l) | MAX. CONT. LEVEL | DETECT. LIMITS | WELL NO. 4 N-00118 ⁽¹⁾ | | WELL NO. 5 N-00119 ⁽¹⁾ | | WELL NO. 6 N-01651 ⁽¹⁾ | | WELL NO. 7 N-05152 ⁽¹⁾ | | WELL NO. 8 N-07665 ⁽¹⁾ | | WELL NO. 9 N-014223 ⁽¹⁾ | |
|--|------------------|----------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------------------|------------------------------------|-------------------------|
| | | | MAX. RESULT (Raw/Treat) | AVG. RESULT (Raw/Treat) | MAX. RESULT (Raw/Treat) | AVG. RESULT (Raw/Treat) | MAX. RESULT (Raw/Treat) | AVG. RESULT (Raw/Treat) | MAX. RESULT (Raw/Treat) | AVG. RESULT (Raw/Treat) | MAX. RESULT (Raw/Treat) | AVG. RESULT (Raw/Treat) | MAX. RESULT (Raw/Treat) | AVG. RESULT (Raw/Treat) |
| UCMR4 | | | | | | | | | | | | | | |
| GERMANIUM | 0.3 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| MANGANESE | 0.04 mg/l | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ALPHA-HEXACHLOROCYCLOHEXANE | 0.01 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| CHLORPYRIFOS | 0.03 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| DIMETHIPIN | 0.2 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| ETHOPROP | 0.03 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| OXYFLUORFEN | 0.05 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| PROFENOFOS | 0.3 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| TEBUCONAZOLE | 0.2 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| TOTAL PERMETHRIN (cis - & trans-) | 0.04 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| TRIBUFOS | 0.07 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| BUTYLATED HYDROXYANISOLE | 0.03 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| o-TOLUIDINE | 0.007 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| QUINOLINE | 0.02 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| 1-BUTANOL | 2.0 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| 2-METHOXYETHANOL | 0.4 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| 2-PROPEN-1-OL | 0.5 ug/l | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| HAA5 (5 regulated Haloacetic Acids) | None | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| HAA6Br (6 brominated Haloacetic Acids) | None | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |
| HAA9 (9 Haloacetic Acids) | None | | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED | NOT | TESTED |

CONT. - CONTAMINANT

ND - NOT DETECTED

WELL NO. 3 - OUT OF SERVICE IN 2020

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

LOCUST VALLEY WATER DISTRICT
2021 WATER QUALITY DATA

| PARAMETERS (ug/l) | MAX. CONT. LEVEL | DETECT. LIMITS | WELL NO. 4 N-00118 ⁽³⁾ | | WELL NO. 5 N-00119 ⁽¹⁸⁾ | | WELL NO. 6 N-01651 ⁽¹⁶⁾ | | WELL NO. 7 N-05152 ⁽⁴⁾ | | WELL NO. 8 N-07665 ⁽⁴⁾ | | WELL NO. 9 N-014223 ⁽⁴⁾ | |
|---------------------------------|------------------|----------------|-----------------------------------|-------------|---|---------------------------|---|---------------------------|-----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT |
| <u>VOLATILE ORGANICS</u> | | | | | | | | | | | | | | |
| 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 | 0.53 ⁽⁴⁾ /0.81 ⁽¹²⁾ | 0.39/0.41 | ND | ND | ND | ND | ND | ND |
| <i>cis</i> -1,2-DICHLOROETHENE | 5.0 ug/l | 0.5 ug/l | ND | ND | 4.5 ⁽⁴⁾ /2.9 ⁽¹⁴⁾ | 3.04/1.4 | 0.92 ⁽⁴⁾ /0.68 ⁽¹²⁾ | 0.88/0.29 | 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 | 1.4 | 0.96 | 0.79 ⁽¹⁴⁾ /ND ⁽¹²⁾ | 0.73/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 |
| <i>cis</i> -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 | ***5.5 ⁽⁴⁾ /ND | 3.4/ND | 2.4 ⁽⁴⁾ /ND | 2.1/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
2021 WATER QUALITY DATA

| PARAMETERS (ug/l) | MAX. CONT. LEVEL | DETECT. LIMITS | WELL NO. 4 N-00118 ⁽³⁾ | | WELL NO. 5 N-00119 ⁽¹⁸⁾ | | WELL NO. 6 N-01651 ⁽¹⁶⁾ | | WELL NO. 7 N-05152 ⁽⁴⁾ | | WELL NO. 8 N-07665 ⁽⁴⁾ | | WELL NO. 9 N-014223 ⁽⁴⁾ | |
|------------------------------------|------------------|----------------|-----------------------------------|-------------|------------------------------------|---------------------------|------------------------------------|---------------------------|-----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | 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
2021 WATER QUALITY DATA

| PARAMETERS (ug/l) | MAX. CONT. LEVEL | DETECT. LIMITS | WELL NO. 4 N-00118 ⁽³⁾ | | WELL NO. 5 N-00119 ⁽¹⁸⁾ | | WELL NO. 6 N-01651 ⁽¹⁶⁾ | | WELL NO. 7 N-05152 ⁽⁴⁾ | | WELL NO. 8 N-07665 ⁽⁴⁾ | | WELL NO. 9 N-014223 ⁽⁴⁾ | |
|---|------------------|----------------|-----------------------------------|-------------|------------------------------------|---------------------------|------------------------------------|---------------------------|-----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| | | | MAX. RESULT | AVG. RESULT | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT (raw/treated) | AVG. RESULT (raw/treated) | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT | MAX. RESULT | AVG. RESULT |
| <u>VOLATILE ORGANICS (CONT'D.)</u> | | | | | | | | | | | | | | |
| 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