

BLUE DIAMOND WATER SYSTEM
2008 WATER QUALITY SUMMARY

| SUBSTANCE | Average Value | MCL | UNITS | | SUBSTANCE | Average Value | MCL | UNITS |
|--------------------------------------|---------------|-----------|------------|-----|-----------------------------|---------------|---------|---------|
| AGGRESSIVENESS INDEX | 12.4 | N/A | | | (1,2,4-)TRICHLOROENZENE | ND | 70 | ppb |
| ALKALINITY | 198 | N/A | ppm | | 1,1,1-TRICHLOROETHANE | ND | 200 | ppb |
| ALPHA PARTICLES | ND | 15 | pCi/L | | 1,1,2-TRICHLOROETHANE | ND | 5 | ppb |
| ALUMINUM | ND | 200 | ppb | (1) | 1,1-DICHLOROETHYLENE | ND | 7 | ppb |
| ANTIMONY | ND | 6 | ppb | | 1,2-DICHLOROPROPANE | ND | 5 | ppb |
| ARSENIC | ND | 10 | ppb | | 1,2-DICHLOROETHYLENE | ND | 600 | ppb |
| BARIUM | 0.03 | 2 | ppm | | 1,2-DICHLOROETHANE | ND | 5 | ppb |
| BERYLLIUM | ND | 4 | ppb | | 1,4-DICHLOROETHYLENE | ND | 75 | ppb |
| BETA PARTICLES AND PHOTON EMITTERS | ND | 50 | pCi/L | | 2,3,7,8-TCDD (DIOXIN) | ND | 0.00003 | ppb |
| BROMIDE | ND | N/A | | | 2,4-D | ND | 70 | ppb |
| CADMIUM | ND | 5 | ppb | | ALACHLOR | ND | 2 | ppb |
| CALCIUM | 72 | N/A | ppm | | ALDICARB | ND | 3 | ppb (6) |
| CARBON DIOXIDE | 4.6 | N/A | ppm | | ALDICARB SULFONE | ND | 2 | ppb (6) |
| CHLORIDE | 10 | 400 | ppm | (1) | ALDICARB SULFOXIDE | ND | 4 | ppb (6) |
| CHLORINE RESIDUAL | 1.02 | 4.0 | ppm | (2) | ATRAZINE | ND | 3 | ppb |
| CHROMIUM | ND | 100 | ppb | | BENZENE | ND | 5 | ppb |
| COLIFORM, FECAL | ND | 0 | per 100 mL | | CARBOFURAN | ND | 40 | ppb |
| COLIFORM, TOTAL | 0 | ≤ 1 | per month | | CARBON TETRACHLORIDE | ND | 5 | ppb |
| COLOR, True | 2 | 15 | PCU | (1) | CHLORDANE | ND | 2 | ppb |
| CONDUCTIVITY | 732 | N/A | µS/cm | | cis-1,2-DICHLOROETHYLENE | ND | 70 | ppb |
| COPPER | 0.09 | (3) 1.3 | (4) ppm | | DALAPON | ND | 200 | ppb |
| | | 1.0 | ppm | (1) | DI (2-ETHYLHEXYL) ADIPATE | ND | 400 | ppb |
| CYANIDE | ND | 200 | ppb | | DI (2-ETHYLHEXYL) PHTHALATE | ND | 6 | ppb |
| FLUORIDE | 0.18 | 4.0 | ppm | | DIBROMOCHLOROPROPANE | ND | 0.2 | ppb |
| | | 2.0 | ppm | (1) | DICHLOROMETHANE | ND | 5 | ppb |
| HALOACETIC ACIDS (Total Regulated) | ND | 60 | ppb | | DINOSEB | ND | 7 | ppb |
| HARDNESS | 320 | N/A | ppm | | DIQUAT | ND | 20 | ppb |
| | 18.7 | | gpg | | ENDOTHALL | ND | 100 | ppb |
| IRON | ND | 600 | ppb | (1) | ENDRIN | ND | 2 | ppb |
| LANGELIER INDEX | 0.3 | N/A | | (5) | ETHYLBENZENE | ND | 700 | ppb |
| LEAD | 5.3 | (3) 15 | (4) ppb | | ETHYLENE DIBROMIDE | ND | 0.05 | ppb |
| MAGNESIUM | 34 | 150 | ppm | (1) | GLYPHOSATE | ND | 700 | ppb |
| MANGANESE | ND | 100 | ppb | (1) | HEPTACHLOR EPOXIDE | ND | 0.2 | ppb |
| MBAS | ND | 500 | ppb | (1) | HEPTACHLOR (H-34, HEPTOX) | ND | 0.4 | ppb |
| MERCURY | ND | 2.0 | ppb | | HEXACHLOROETHYLENE | ND | 1 | ppb |
| MOLYBDENUM | 1.1 | N/A | ppb | | HEXACHLOROCYCLOPENTADIENE | ND | 50 | ppb |
| NICKEL | ND | N/A | | | LINDANE | ND | 0.2 | ppb |
| NITRATE (as NITROGEN) | 0.93 | 10 | ppm | | METHOXYCHLOR | ND | 40 | ppb |
| NITRITE (as NITROGEN) | ND | 1 | ppm | | MONOCHLOROETHYLENE | ND | 100 | ppb |
| ODOR | 1 | 3 | TON | (1) | MTBE | ND | N/A | ppb |
| pH | 7.84 | 6.5 - 8.5 | pH units | (1) | PAHs (benzo(a)pyrene) | ND | 0.2 | ppb |
| POTASSIUM | 1.6 | N/A | ppm | | PENTACHLOROPHENOL | ND | 1 | ppb |
| RADIUM 226 AND RADIUM 228 (Combined) | ND | 5 | pCi/L | | PICLORAM | ND | 500 | ppb |
| SELENIUM | ND | 50 | ppb | | POLYCHLORINATED BIPHENYLS | ND | 0.5 | ppb |
| SILICA | 13 | N/A | ppm | | SILVEX (2,4,5 - TP) | ND | 50 | ppb |
| SILVER | ND | 100 | ppb | (1) | SIMAZINE | ND | 4 | ppb |
| SODIUM | 10 | N/A | ppm | (5) | STYRENE | ND | 100 | ppb |
| SULFATE | 170 | 500 | ppm | (1) | TETRACHLOROETHYLENE | ND | 5 | ppb |
| TEMPERATURE | 16.9 | N/A | deg C | | TOLUENE | ND | 1 | ppm |
| THALLIUM | ND | 2.0 | ppb | | TOXAPHENE | ND | 3 | ppb |
| TOTAL DISSOLVED SOLIDS | 466 | 1000 | ppm | (1) | trans-1,2 DICHLOROETHYLENE | ND | 100 | ppb |
| TRICHLOROMETHANES (Total) | 0.51 | 80 | ppb | | TRICHLOROETHYLENE | ND | 5 | ppb |
| TURBIDITY | 0.44 | N/A | NTU | | VINYL CHLORIDE | ND | 2 | ppb |
| URANIUM | 1.5 | 30 | ppb | | VYDATE | ND | 200 | ppb |
| VANADIUM | ND | N/A | | | XYLENES | ND | 10 | ppm |
| ZINC | ND | 5.0 | ppm | (1) | | | | |

- (1) State of Nevada Secondary Standard
- (2) MRDL
- (3) 90th Percentile value of all samples collected
- (4) Action Level only
- (5) Monitoring requirement only, no MCL
- (6) MCL not in effect

MCL = Maximum Contaminant Level Set by EPA
N/A = Not applicable, No Standard Set
ND = Not Detected, less than laboratory's analytical method reporting limit
NTU = Nephelometric Turbidity Unit
pCi/L = picocuries per liter
ppb = parts per billion
ppm = parts per million
µS/cm = Micro Siemens per centimeter
PCU = Platinum Cobalt Units
gpg = grains per gallon
TON = threshold odor number
MRDL = Maximum Residual Disinfectant Level