

| Water Sample Test Comparison / Mississippi County Well # 1 |          |           |           |           |           |           |           |           |           |           |
|--|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Nutrients  | CWA      |           |           |           |           |           |           |           |           |           |
|  |          | Oct. 2017 | May. 2018 | Oct. 2018 | May. 2019 | Oct. 2019 | May. 2020 | Oct. 2020 | May. 2021 | Oct. 2021 |
| PH   |          | 6.8       | 7.18      | 7.03      | 6.78      | 6.6       | 6.6       | 6.8       | 6.6       | 6.51      |
| NH4N ppm   | 2.00 ppm | 1.3       | 0.2       | 0.2       | 0.4       |           |           |           |           |           |
| NH3N ppm   |          |           |           |           |           | 0.24      | 0.14      | 0.64      | 0.65      | 0.19      |
| N03N ppm   | 10.00ppm | 3.7       | 4.1       | 4.5       | 6.6       | 2.76      | 2.29      | 1.84      | 1.49      | 1.54      |
| Phosphrous   | 1.00ppm  | 0.15      | 0.2       | 0.1       | 0.2       | 0.01      | 0.01      | 0.07      |           | 0.01      |
| Potassium  |          | 3         | 1.45      | 1         | 2         | 2.9       | 2.6       | 2.9       | 2.4       | 2.75      |
| Calcium  |          | 13        | 20        | 17        | 18        | 13.1      | 12        | 15.4      | 12.8      | 12.59     |
| Magnesium  |          | 4         | 4.85      | 4         | 5         | 4         | 2.8       | 4.9       | 4.4       | 4.01      |
| SO4-S  |          | 1         | 18.12     | 1.4       | 1.6       | 1.8       | 4.6       | 1.65      | 2.5       | 4.17      |
| Arsenic-Ar   |          |           |           |           |           |           | <.001     | <0.0010   |           |           |

CWA = Clean Water Act Threshold