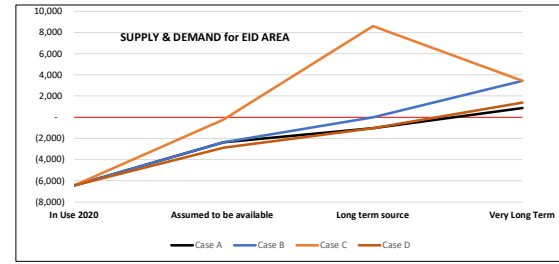


| Determining Acre Feet demanded based on existing residential units in pipeline |               |                         |                  |                |  |
|--|---------------|-------------------------|------------------|----------------|--|
| EDH AREA PIPELINE ANALYSIS ac.ft.  | In Use        | Assumed to be available | Long term source | Very Long Term |  |
| DEMAND: EDH AREA   | 1,756         | 3,818                   | 5,345            | 6,108          |  |
| DEMAND: EDH AREA Cumulative  | 1,756         | 5,574                   | 10,918           | 17,026         |  |
| EDH AREA PIPELINE ANALYSIS ac.ft.  | In Use        | Assumed to be available | Long term source | Very Long Term |  |
| EDH: ESTIMATED DEMAND 2020   | 12,669        | 13,836                  | 15,940           | 18,543         |  |
| EDH PIPELINE (cumulative)  | 1,181         | 3,750                   | 7,345            | 11,454         |  |
| <b>TOTAL: EID Current + EDH Demand</b>   | <b>13,851</b> | <b>17,586</b>           | <b>23,285</b>    | <b>29,997</b>  |  |

|                               |
|-------------------------------|
| 420 <GPD / HH                 |
| 120 Usage: Galons / day       |
| 1825 Days in 5 Years          |
| 219,000 Total Galons in 5 Yrs |
| 325,851 Galons in an Ac.Ft.   |
| 0.67 Acre feet / unit/Syr     |



| EID AREA - SUPPLY            | In Use        | Ac. Feet      | Long term     | Very Long      | TOTAL          |
|------------------------------|---------------|---------------|---------------|----------------|----------------|
| Sub Total Existing Contracts | 23,000        | 27,190        | 17,000        | -              | 67,190         |
| Sub Total Planned            | -             | -             | 7,500         | 30,000         | 37,500         |
| Recycled water               | 2,800         | -             | -             | -              | 2,800          |
| <b>TOTAL Acre Feet</b>       | <b>25,800</b> | <b>27,190</b> | <b>24,500</b> | <b>30,000</b>  | <b>107,490</b> |
| <b>CUMULATIVE SUPPLY</b>     | <b>25,800</b> | <b>52,990</b> | <b>77,490</b> | <b>107,490</b> |                |
| <b>EDH CUMULATIVE SUPPLY</b> | <b>7,410</b>  | <b>15,219</b> | <b>22,255</b> | <b>30,871</b>  |                |

EDH Allocation factor (base 2019) = 28.7%

| EDH Case | In Use 2020 | Assumed to be available | Long term source | Very Long Term | Base Case | Average Allocation | Average Allocation | Average Allocation | Average Allocation | Acft Drought Forward  |
|----------|-------------|-------------------------|------------------|----------------|-----------|--------------------|--------------------|--------------------|--------------------|-----------------------|
| Case A   | (6,441)     | (2,367)                 | (1,030)          | 874            |           | 25%                | 35%                | 40%                | 0%                 |                       |
| Case B   | (6,441)     | (2,367)                 | (3)              | 3,442          |           | 25%                | 25%                | 25%                | 25%                |                       |
| Case C   | (6,441)     | (213)                   | 8,613            | 3,442          |           | 25%                | 25%                | 25%                | 25%                | 37500 ac.ft. planned. |
| Case D   | (6,441)     | (2,881)                 | (1,030)          | 1,388          |           | 30%                | 30%                | 35%                | 5%                 | 37500 ac.ft. planned. |

| EDH AREA: SUPPLY & DEMAND (in ac.ft.) | In Use 2020    | Assumed to be available | Long term      | Very Long  |
|---------------------------------------|----------------|-------------------------|----------------|------------|
| EDH CUMULATIVE SUPPLY                 | 7,410          | 15,219                  | 22,255         | 30,871     |
| DEMAND: EDH AREA                      | 13,851         | 17,586                  | 23,285         | 29,997     |
| <b>EDH: NET WATER SUPPLY Ac.Ft.</b>   | <b>(6,441)</b> | <b>(2,367)</b>          | <b>(1,030)</b> | <b>874</b> |

| SUPPLY & DEMAND for EID area (in Ac.Ft.)   | In Use 2020     | Assumed to be available | Long term source | Very Long Term |
|--|-----------------|-------------------------|------------------|----------------|
| EID CUMULATIVE SUPPLY                      | 25,800          | 52,990                  | 77,490           | 107,490        |
| DEMAND: EID AREA                           | 35,910          | 44,113                  | 48,176           | 55,501         |
| <b>Net: Demand &amp; Suppl in EID Area</b> | <b>(10,110)</b> | <b>8,877</b>            | <b>29,314</b>    | <b>51,989</b>  |

| Year | EDH AREA SUPPLY | EDH AREA DEMAND | EDH NET SUPPLY |
|------|-----------------|-----------------|----------------|
| 2020 | 7,410           | 13,851          | (6,441)        |
| 2021 | 7,410           | 13,851          | (6,441)        |
| 2022 | 7,410           | 13,851          | (6,441)        |
| 2023 | 7,410           | 13,851          | (6,441)        |
| 2024 | 7,410           | 13,851          | (6,441)        |
| 2025 | 15,219          | 17,586          | (2,367)        |
| 2026 | 15,219          | 17,586          | (2,367)        |
| 2027 | 15,219          | 17,586          | (2,367)        |
| 2028 | 15,219          | 17,586          | (2,367)        |
| 2029 | 15,219          | 17,586          | (2,367)        |
| 2030 | 22,255          | 23,285          | (1,030)        |
| 2031 | 22,255          | 23,285          | (1,030)        |
| 2032 | 22,255          | 23,285          | (1,030)        |
| 2033 | 22,255          | 23,285          | (1,030)        |
| 2034 | 22,255          | 23,285          | (1,030)        |
| 2035 | 30,871          | 29,997          | 874            |
| 2036 | 30,871          | 29,997          | 874            |
| 2037 | 30,871          | 29,997          | 874            |
| 2038 | 30,871          | 29,997          | 874            |
| 2039 | 30,871          | 29,997          | 874            |
| 2040 | 30,871          | 29,997          | 874            |

| Year | EDH CUMULATIVE SUPPLY | EDH AREA DEMAND | EDH NET SUPPLY |
|------|-----------------------|-----------------|----------------|
| 2020 | 25,800                | 35,910          | (10,110)       |
| 2021 | 25,800                | 35,910          | (10,110)       |
| 2022 | 25,800                | 35,910          | (10,110)       |
| 2023 | 25,800                | 35,910          | (10,110)       |
| 2024 | 25,800                | 35,910          | (10,110)       |
| 2025 | 52,990                | 44,113          | 8,877          |
| 2026 | 52,990                | 44,113          | 8,877          |
| 2027 | 52,990                | 44,113          | 8,877          |
| 2028 | 52,990                | 44,113          | 8,877          |
| 2029 | 52,990                | 44,113          | 8,877          |
| 2030 | 77,490                | 48,176          | 29,314         |
| 2031 | 77,490                | 48,176          | 29,314         |
| 2032 | 77,490                | 48,176          | 29,314         |
| 2033 | 77,490                | 48,176          | 29,314         |
| 2034 | 77,490                | 48,176          | 29,314         |
| 2035 | 107,490               | 55,501          | 51,989         |
| 2036 | 107,490               | 55,501          | 51,989         |
| 2037 | 107,490               | 55,501          | 51,989         |
| 2038 | 107,490               | 55,501          | 51,989         |
| 2039 | 107,490               | 55,501          | 51,989         |
| 2040 | 107,490               | 55,501          | 51,989         |

