**EAA Reservoir A-1**

**Test Cell Program**
**SEEP/W Permeability calibration - Cell 2**

| Horizontal permeability (ft/d) | | | | Permeability ration (v/h) | | | | Heads at piezometer locations (ft) | | | | | | Head difference at piezometer locations (in) | | | | | | Flow (cu ft/d) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tamiami | Caloosa-hatchee | Fort Thompson | Caprock | Tamiami | Caloosa-hatchee | Fort Thompson | Caprock | 2A | 2B | 2C | 3A | 3B | 3C | 2A | 2B | 2C | 3A | 3B | 3C | F | Fout | %Fout | %F |
| | | | | | | | | **7.28** | **7.17** | **6.79** | **6.72** | **6.70** | **6.71** | | | | | | | **2394** | | | |
| 20.00 | 14.58 | 8.33 | 5.00 | 0.2500 | 0.0200 | 0.0800 | 0.0200 | 7.72 | 7.60 | 7.58 | 6.68 | 7.33 | 7.35 | 5 | 5 | 9 | 0 | 8 | 8 | 3599 | 685 | 19 | 50 |
| | | | | | 0.0150 | | | 7.77 | 7.56 | 7.53 | 6.68 | 7.32 | 7.33 | 6 | 5 | 9 | 0 | 7 | 7 | 3398 | 683 | 20 | 42 |
| 16.67 | 14.58 | 8.33 | 4.00 | 0.2500 | 0.0100 | 0.1000 | 0.0200 | 7.83 | 7.48 | 7.45 | 6.65 | 7.28 | 7.28 | 7 | 4 | 8 | -1 | 7 | 7 | 2995 | 541 | 18 | 25 |
| | | | | | | 0.0400 | | 7.57 | 7.48 | 7.46 | 6.65 | 7.26 | 7.27 | 3 | 4 | 8 | -1 | 7 | 7 | 2786 | 609 | 22 | 16 |
| | | | | | | | | | | | | | | | | | | | | 3127 | 702 | 22 | 31 |
| | | | | 0.1250 | | 0.0400 | | | | | | | | | | | | | | 2774 | 603 | 22 | 16 |
| | | | | | 0.0100 | 0.0400 | | | | | | | | | | | | | | 2411 | 532 | 22 | 1 |
| | | | | | 0.1500 | 0.0300 | | | | | | | | | | | | | | 2413 | 544 | 23 | 1 |
| 10.00 | | | | | | | | | | | | | | | | | | | | 2352 | 344 | 15 | -2 |
| 10.00 | 10.50 | 8.33 | 5.00 | 0.0100 | 0.0150 | 0.0300 | 0.0200 | 7.74 | 7.86 | 7.31 | 6.70 | 7.31 | 7.18 | 6 | 8 | 6 | 0 | 7 | 6 | 2267 | 268 | 12 | -5 |
| 10.00 | 10.50 | 12.50 | 5.00 | 0.0100 | 0.0150 | 0.0300 | 0.0200 | 7.68 | 7.85 | 7.28 | 6.65 | 7.28 | 7.15 | 5 | 8 | 6 | -1 | 7 | 5 | 2656 | 230 | 9 | 11 |
| 6.25 | | | | | | | | | | | | | | | | | | | | 2609 | 151 | 6 | 9 |
| 4.00 | | | | | | | | 7.77 | 8.11 | 7.37 | 6.68 | 7.33 | 7.20 | 6 | 11 | 7 | 0 | 8 | 6 | 2572 | 100 | 4 | 7 |
| | 4.00 | | | | | | | 7.66 | 8.07 | 7.36 | 6.60 | 7.40 | 7.19 | 5 | 11 | 7 | -1 | 8 | 6 | 1869 | 78 | 4 | -22 |
| 4.00 | 4.00 | 12.50 | | | 0.0100 | | | 7.64 | 7.92 | 7.27 | 6.58 | 7.34 | 7.14 | 4 | 9 | 6 | -2 | 8 | 5 | 1762 | 76 | 4 | -26 |
| 10.00 | 4.00 | 12.50 | 5.00 | 0.0100 | 0.0100 | 0.0300 | 0.0200 | 7.59 | 7.51 | 7.10 | 6.57 | 7.17 | 7.02 | 4 | 4 | 4 | -2 | 6 | 4 | 1802 | 160 | 9 | -25 |
| 10.00 | 9.00 | 12.50 | 5.00 | 0.0100 | 0.0150 | 0.0300 | 0.0200 | 7.65 | 7.71 | 7.20 | 6.62 | 7.26 | 7.10 | 4 | 6 | 5 | -1 | 7 | 5 | 2339 | 212 | 9 | -2 |
| 20.00 | 9.00 | 12.50 | 5.00 | 0.0050 | 0.0150 | 0.0300 | 0.0200 | | | | | | | | | | | | | 2521 | 321 | 13 | 5 |
| 17.50 | 17.50 | 8.33 | 4.17 | 0.0031 | 0.0031 | 0.0019 | 0.0050 | 6.58 | 6.73 | 6.64 | 6.35 | 6.69 | 6.63 | -8 | -5 | -2 | -4 | 0 | -1 | 388 | 1 | 0 | -84 |
| 23.75 | 2.50 | 0.46 | 1.25 | 0.1000 | 0.1000 | 0.0909 | 0.1000 | 7.18 | 7.16 | 7.14 | 6.74 | 7.05 | 7.06 | -1 | 0 | 4 | 0 | 4 | 4 | 855 | 500 | 58 | -64 |
| 1.50 | 14.58 | 11.88 | 0.01 | 0.5000 | 0.0040 | 0.0049 | 10.0000 | 7.04 | 7.22 | 7.20 | 6.50 | 7.04 | 7.04 | -3 | 1 | 5 | -3 | 4 | 4 | 1098 | 63 | 6 | -54 |
| 10.42 | 10.42 | 2.50 | 0.42 | 0.5000 | 0.5000 | 0.4167 | 0.1000 | 7.33 | 7.33 | 7.33 | 6.68 | 6.79 | 6.86 | 1 | 2 | 6 | 0 | 1 | 2 | 2760 | 11 | 0 | 15 |
| 1.50 | 10.50 | 2.50 | 4.17 | 0.5000 | 0.5000 | 0.4167 | 0.1000 | 9.38 | 9.38 | 9.41 | 7.19 | 7.34 | 7.60 | 25 | 27 | 31 | 6 | 8 | 11 | 4036 | 3 | 0 | 69 |
| 10.00 | 9.00 | 12.50 | 5.00 | 0.0100 | 0.0150 | 0.0300 | 0.0200 | 7.65 | 7.82 | 7.26 | 6.63 | 7.26 | 7.13 | 4 | 8 | 6 | -1 | 7 | 5 | 2482 | 216 | 9 | 4 |
| 12.50 | 8.33 | 12.50 | 4.17 | 0.0100 | 0.0100 | 0.0300 | 0.0200 | 7.65 | 7.71 | 7.20 | 6.62 | 7.26 | 7.10 | 4 | 6 | 5 | -1 | 7 | 5 | 2339 | 212 | 9 | -2 |
| 10.50 | 10.50 | 2.50 | 0.42 | 0.5000 | 0.5000 | 0.4167 | 0.1000 | 7.33 | 7.33 | 7.33 | 6.68 | 6.79 | 6.86 | 1 | 2 | 6 | 0 | 1 | 2 | 2760 | 11 | 0 | 15 |
| 10.50 | 10.50 | 8.33 | 0.42 | 0.0100 | 0.5000 | 0.4167 | 0.1000 | 8.18 | 8.18 | 7.56 | 6.70 | 6.79 | 7.28 | 11 | 12 | 9 | 0 | 1 | 7 | 4090 | 150 | 4 | 71 |
| | | | | | | 0.1000 | | 7.93 | 7.95 | 7.42 | 6.74 | 6.85 | 7.19 | 8 | 9 | 8 | 0 | 2 | 6 | 3301 | 151 | 5 | 38 |
| 10.50 | 10.50 | 8.33 | 0.42 | 0.0100 | 0.5000 | 0.0500 | 0.1000 | 7.75 | 7.80 | 7.32 | 6.73 | 6.88 | 7.13 | 6 | 8 | 6 | 0 | 2 | 5 | 2794 | 152 | 5 | 17 |
| 1.50 | 10.42 | 4.17 | 0.42 | 0.5000 | 0.5000 | 0.5000 | 0.1000 | | | | | | | -87 | -86 | -81 | -81 | -80 | -81 | 3173 | 51 | 2 | 33 |
| 1.50 | 10.42 | 4.17 | 0.42 | 0.5000 | 0.5000 | 0.0500 | 0.1000 | | | | | | | -87 | -86 | -81 | -81 | -80 | -81 | 1963 | 28 | 1 | -18 |
| 1.50 | 10.42 | 8.33 | 0.42 | 0.5000 | 0.5000 | 0.0250 | 0.1000 | 7.80 | 7.90 | 7.90 | 6.80 | 6.90 | 7.10 | 6 | 9 | 13 | 1 | 2 | 5 | 2260 | 6.9 | 0 | -6 |
| 8.33 | 10.42 | 12.50 | 0.42 | 0.0900 | 0.5000 | 0.0167 | 0.1000 | 7.30 | 7.40 | 7.40 | 6.60 | 6.80 | 7.00 | 0 | 3 | 7 | -1 | 1 | 3 | 2684 | 83 | 3 | 12 |
| 8.33 | 10.42 | 12.50 | 0.42 | 0.0500 | 0.5000 | 0.0167 | 0.1000 | 7.30 | 7.50 | 7.40 | 6.60 | 6.80 | 7.10 | 0 | 4 | 7 | -1 | 1 | 5 | 2624 | 93 | 4 | 10 |
| 8.33 | 10.42 | 12.50 | 0.42 | 0.0050 | 0.5000 | 0.0167 | 0.1000 | 7.50 | 7.60 | 7.20 | 6.60 | 6.80 | 7.00 | 3 | 5 | 5 | -1 | 1 | 3 | 2457 | 76 | 3 | 3 |
| 12.50 | 12.50 | 12.50 | 0.42 | 0.0033 | 0.4167 | 0.0167 | 0.1000 | 7.40 | 7.60 | 6.90 | 6.80 | 6.80 | 6.80 | 1 | 5 | 1 | 1 | 1 | 1 | 2344 | 65 | 3 | -2 |
| 12.50 | 25.00 | 12.50 | 0.42 | 0.0033 | 0.2083 | 0.0167 | 0.1000 | 7.27 | 7.40 | 6.80 | 6.60 | 6.86 | 6.79 | 0 | 3 | 0 | -1 | 2 | 1 | 2572 | 79 | 3 | 7 |
| 12.50 | 25.00 | 12.50 | 0.42 | 0.0033 | 0.2083 | 0.0133 | 0.1000 | 7.18 | 7.34 | 6.81 | 6.62 | 6.86 | 6.78 | -1 | 2 | 0 | -1 | 2 | 1 | 2273 | 81 | 4 | -5 |
| 12.50 | 25.00 | 12.50 | 0.42 | 0.0033 | 0.2083 | 0.0160 | 0.1000 | 7.25 | 7.40 | 6.83 | 6.64 | 6.86 | 6.79 | 0 | 3 | 0 | -1 | 2 | 1 | 2504 | 80 | 3 | 5 |
| 12.50 | 25.00 | 12.50 | 4.17 | 0.0033 | 0.2083 | 0.0160 | 0.1000 | 7.70 | 7.90 | 7.00 | 6.80 | 7.10 | 6.90 | 5 | 9 | 3 | 1 | 5 | 2 | 3609 | 231 | 6 | 51 |
| 12.50 | 16.67 | 12.50 | 4.17 | 0.0033 | 0.3125 | 0.0160 | 0.0100 | | | | | | | | | | | | | 2809 | 117 | 4 | 17 |
| 12.50 | 16.67 | 20.83 | 4.17 | 0.0033 | 0.3125 | 0.0080 | 0.0100 | | | | | | | | | | | | | 2691 | 40 | 1 | 12 |
| 12.50 | 16.67 | 20.83 | 16.67 | 0.0033 | 0.3125 | 0.0200 | 0.0025 | 7.54 | 7.70 | 6.90 | 6.66 | 6.83 | 6.84 | 3 | 6 | 1 | -1 | 2 | 2 | 3874 | 26 | 1 | 62 |
| 12.50 | 16.67 | 20.83 | 16.67 | 0.0033 | 0.0100 | 0.0200 | 0.0025 | | | | | | | | | | | | | 3232 | 140 | 4 | 35 |
| 12.50 | 16.67 | 20.83 | 16.67 | 0.0033 | 0.0100 | 0.0100 | 0.0025 | 7.22 | 7.57 | 6.85 | 6.49 | 7.11 | 6.81 | -1 | 5 | 1 | -3 | 5 | 1 | 2530 | 107 | 4 | 6 |
| 12.50 | 16.67 | 41.67 | 16.67 | 0.0033 | 0.0100 | 0.0040 | 0.0025 | 6.92 | 7.37 | 6.74 | 6.59 | 6.96 | 6.71 | -4 | 2 | -1 | -2 | 3 | 0 | 2483 | 7.3 | 0 | 4 |
| 12.50 | 16.67 | 41.67 | 16.67 | 0.0033 | 0.0100 | 0.0040 | 0.0025 | 6.93 | 7.36 | 6.79 | 6.45 | 6.98 | 6.76 | -4 | 2 | 0 | -3 | 3 | 1 | 2481 | 115 | 5 | 4 |
| 12.50 | 16.67 | 41.67 | 8.33 | 0.0033 | 0.0100 | 0.0040 | 0.0050 | 6.92 | 7.35 | 6.78 | 6.44 | 6.97 | 6.76 | -4 | 2 | 0 | -3 | 3 | 1 | 2450 | 107 | 4 | 2 |
| 12.50 | 16.67 | 41.67 | 20.83 | 0.0033 | 0.0100 | 0.0040 | 0.0020 | | | | | | | | | | | | | | | | |
| 12.50 | 14.58 | 41.67 | 20.83 | 0.0033 | 0.0114 | 0.0040 | 0.0020 | 6.93 | 7.38 | 6.79 | 6.44 | 6.97 | 6.76 | -4 | 3 | 0 | -3 | 3 | 1 | 2406 | 99 | 4 | 1 |
| 12.50 | 16.67 | 41.67 | 8.33 | 0.0033 | 0.0100 | 0.0040 | 0.0050 | 6.93 | 7.32 | 6.78 | 6.44 | 6.95 | 6.75 | -4 | 2 | 0 | -3 | 3 | 0 | 2369 | 98 | 4 | -1 |
| 12.50 | 16.67 | 41.67 | 16.67 | 0.0033 | 0.0100 | 0.0040 | 0.0025 | 6.93 | 7.36 | 6.79 | 6.45 | 6.98 | 6.76 | -4 | 2 | 0 | -3 | 3 | 1 | 2481 | 116 | 5 | 4 |