

CASE NO. 2018-00208
WATER SERVICE CORPORATION OF KENTUCKY
RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

1. Refer to Water Service Kentucky's response to Commission Staff's Second Request for Information (Staff's Second Request), Item 5.b. which included an attached file labeled "Captive GL Detail".

a. State the nature of the work of the amounts included in tab "2017 345 UE 6165 Direct Captive".

b. State the nature of the work of the amounts included in tab "2017 345 UE 6165 Alloc Captive".

c. Reconcile the amounts included in this file with the proposed adjustment of \$103,218 in Water Service Kentucky's Operating Income Statement, Schedule B, that was included in its Application.

Response:

a. Please see columns K, L, and M of the attached file labeled "Response to PSC DR 3-1 (Captive Descriptions)".

b. The allocated entries are for various capitalizable time for employees who work for the cost centers that is placed in suspense until the related project opens. Once the projects close, the captive in suspense is reclassified to the project; thus, it is proper to remove the captive.

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- c. The amount included in the response to Staff's Second Request Item 5.b. is the direct captime of \$103,654.22 plus the allocated captime of \$7,078.61. This amount equals the amount of captime incurred during the test year. The proposed captime included as a reduction to salaries in the income statement \$6,091.79 for captime related to deferred maintenance tank painting projects in Kentucky and captime for the GIS project in Kentucky and is the total of the entries provided in the attachment to PSC DR 3-1 a. above.

Witness: Rob Guttormsen

Response to PSC DR 3-1 (Captive Descriptions)

| | A | B | C | D | E | F | G | H | I | J | K |
|----|---------------|------|-------|--------|------------|-------|----------------|------------------------|------------------------------|--------------------------------|-----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 2 | Plant | 345 | 1140 | 20 | 12/31/2017 | 1884 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 3 | Plant | 345 | 1140 | 41 | 12/31/2017 | 1884 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 4 | Plant | 345 | 1120 | 81 | 12/31/2017 | 1884 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 5 | Plant | 345 | 1120 | 41 | 12/31/2017 | 1884 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 6 | Plant | 345 | 1190 | 41 | 12/19/2017 | 1881 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 7 | Plant | 345 | 1190 | 41 | 12/19/2017 | 1881 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 8 | Plant | 345 | 1140 | 81 | 12/19/2017 | 1881 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 9 | Plant | 345 | 1140 | 41 | 12/19/2017 | 1881 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 10 | Plant | 345 | 1140 | 41 | 12/19/2017 | 1881 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 11 | Plant | 345 | 1125 | 41 | 12/19/2017 | 1881 | Captive | Killion, Jeffrey | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 12 | Plant | 345 | 1125 | 41 | 12/19/2017 | 1881 | Captive | Killion, Jeffrey | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 13 | Plant | 345 | 1120 | 41 | 12/19/2017 | 1881 | Captive | Johnson, Harvey H. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 14 | Plant | 345 | 1120 | 41 | 12/19/2017 | 1881 | Captive | Johnson, Harvey H. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 15 | Plant | 345 | 1120 | 244 | 12/19/2017 | 1881 | Captive | Johnson, Harvey H. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 16 | Plant | 345 | 1120 | 41 | 12/19/2017 | 1881 | Captive | Johnson, Harvey H. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 17 | Plant | 345 | 1120 | 41 | 12/19/2017 | 1881 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 18 | Plant | 345 | 1120 | 41 | 12/19/2017 | 1881 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 19 | Plant | 345 | 1120 | 81 | 12/19/2017 | 1881 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 20 | Plant | 345 | 1120 | 81 | 12/19/2017 | 1881 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 21 | Plant | 345 | 1120 | 41 | 12/19/2017 | 1881 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 22 | Plant | 345 | 1190 | 20 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Caution Light for new tru00 |
| 23 | Plant | 345 | 1140 | 20 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 24 | Plant | 345 | 1140 | 41 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 25 | Plant | 345 | 1120 | 81 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 26 | Plant | 345 | 1120 | 81 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 27 | Plant | 345 | 1120 | 204 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 28 | Plant | 345 | 1120 | 81 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 29 | Plant | 345 | 1120 | 122 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 30 | Plant | 345 | 1120 | 122 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 31 | Plant | 345 | 1120 | 41 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 32 | Plant | 345 | 1120 | 81 | 12/15/2017 | 1878 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Tank Vent Installation 001 |
| 33 | Plant | 345 | 1190 | 122 | 12/5/2017 | 1875 | Captive | Wilson, Colby | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 34 | Plant | 345 | 1190 | 122 | 12/5/2017 | 1875 | Captive | Wilson, Colby | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 35 | Plant | 345 | 1190 | 81 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 36 | Plant | 345 | 1190 | 81 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 37 | Plant | 345 | 1190 | 163 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 38 | Plant | 345 | 1190 | 81 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 39 | Plant | 345 | 1190 | 122 | 12/5/2017 | 1875 | Captive | Wilson, Colby | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 40 | Plant | 345 | 1140 | 81 | 12/5/2017 | 1875 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 41 | Plant | 345 | 1140 | 81 | 12/5/2017 | 1875 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 42 | Plant | 345 | 1140 | 81 | 12/5/2017 | 1875 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 43 | Plant | 345 | 1140 | 41 | 12/5/2017 | 1875 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 44 | Plant | 345 | 1140 | 41 | 12/5/2017 | 1875 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 45 | Plant | 345 | 1120 | 41 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 46 | Plant | 345 | 1120 | 41 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 47 | Plant | 345 | 1120 | 41 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 48 | Plant | 345 | 1120 | 41 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 49 | Plant | 345 | 1115 | 81 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 50 | Plant | 345 | 1115 | 81 | 12/5/2017 | 1875 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 51 | Plant | 345 | 1140 | 20 | 11/21/2017 | 1869 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 52 | Plant | 345 | 1140 | 20 | 11/21/2017 | 1869 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 53 | Plant | 345 | 1140 | 41 | 11/21/2017 | 1869 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 2 | T4 | 12 | 93264 | 290916 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 278 |
| 3 | T4 | 12 | 93264 | 290916 | 17 | 1 | 1099579 AA | | 105 P | P | | 277 |
| 4 | T4 | 12 | 91594 | 290916 | 17 | 2 | 1099579 AA | | 105 P | P | | 276 |
| 5 | T4 | 12 | 91594 | 290916 | 17 | 1 | 1099579 AA | | 105 P | P | | 275 |
| 6 | T4 | 12 | 96449 | 290440 | 17 | 1 | 1098825 AA | | 105 P | P | | 808 |
| 7 | T4 | 12 | 96449 | 290440 | 17 | 1 | 1098825 AA | | 105 P | P | | 793 |
| 8 | T4 | 12 | 93264 | 290440 | 17 | 2 | 1001142 AA | | 105 P | P | | 806 |
| 9 | T4 | 12 | 93264 | 290440 | 17 | 1 | 1001142 AA | | 105 P | P | | 805 |
| 10 | T4 | 12 | 93264 | 290440 | 17 | 1 | 1001284 AA | | 105 P | P | | 804 |
| 11 | T4 | 12 | 91928 | 290440 | 17 | 1 | 1001142 AA | | 105 P | P | | 807 |
| 12 | T4 | 12 | 91928 | 290440 | 17 | 1 | 1001142 AA | | 105 P | P | | 794 |
| 13 | T4 | 12 | 91594 | 290440 | 17 | 1 | 1098821 AA | | 105 P | P | | 803 |
| 14 | T4 | 12 | 91594 | 290440 | 17 | 1 | 1098821 AA | | 105 P | P | | 802 |
| 15 | T4 | 12 | 91594 | 290440 | 17 | 6 | 1098821 AA | | 105 P | P | | 801 |
| 16 | T4 | 12 | 91594 | 290440 | 17 | 1 | 1098821 AA | | 105 P | P | | 800 |
| 17 | T4 | 12 | 91594 | 290440 | 17 | 1 | 1098825 AA | | 105 P | P | | 799 |
| 18 | T4 | 12 | 91594 | 290440 | 17 | 1 | 1098825 AA | | 105 P | P | | 798 |
| 19 | T4 | 12 | 91594 | 290440 | 17 | 2 | 1098825 AA | | 105 P | P | | 797 |
| 20 | T4 | 12 | 91594 | 290440 | 17 | 2 | 1098825 AA | | 105 P | P | | 796 |
| 21 | T4 | 12 | 91594 | 290440 | 17 | 1 | 1098825 AA | | 105 P | P | | 795 |
| 22 | T4 | 12 | 96449 | 290214 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 476 |
| 23 | T4 | 12 | 93264 | 290214 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 480 |
| 24 | T4 | 12 | 93264 | 290214 | 17 | 1 | 1099579 AA | | 105 P | P | | 471 |
| 25 | T4 | 12 | 91594 | 290214 | 17 | 2 | 1099579 AA | | 105 P | P | | 481 |
| 26 | T4 | 12 | 91594 | 290214 | 17 | 2 | 1099579 AA | | 105 P | P | | 479 |
| 27 | T4 | 12 | 91594 | 290214 | 17 | 5 | 1099579 AA | | 105 P | P | | 478 |
| 28 | T4 | 12 | 91594 | 290214 | 17 | 2 | 1099579 AA | | 105 P | P | | 477 |
| 29 | T4 | 12 | 91594 | 290214 | 17 | 3 | 1099579 AA | | 105 P | P | | 475 |
| 30 | T4 | 12 | 91594 | 290214 | 17 | 3 | 1099579 AA | | 105 P | P | | 474 |
| 31 | T4 | 12 | 91594 | 290214 | 17 | 1 | 1099579 AA | | 105 P | P | | 473 |
| 32 | T4 | 12 | 91594 | 290214 | 17 | 2 | 1099579 AA | | 105 P | P | | 472 |
| 33 | T4 | 12 | 96449 | 289344 | 17 | 3 | 1001177 AA | | 105 P | P | | 638 |
| 34 | T4 | 12 | 96449 | 289344 | 17 | 3 | 1001177 AA | | 105 P | P | | 637 |
| 35 | T4 | 12 | 96449 | 289344 | 17 | 2 | 1098825 AA | | 105 P | P | | 627 |
| 36 | T4 | 12 | 96449 | 289344 | 17 | 2 | 1098825 AA | | 105 P | P | | 626 |
| 37 | T4 | 12 | 96449 | 289344 | 17 | 4 | 1098825 AA | | 105 P | P | | 625 |
| 38 | T4 | 12 | 96449 | 289344 | 17 | 2 | 1098825 AA | | 105 P | P | | 624 |
| 39 | T4 | 12 | 96449 | 289344 | 17 | 3 | 1001177 AA | | 105 P | P | | 622 |
| 40 | T4 | 12 | 93264 | 289344 | 17 | 2 | 1001284 AA | | 105 P | P | | 636 |
| 41 | T4 | 12 | 93264 | 289344 | 17 | 2 | 1001142 AA | | 105 P | P | | 635 |
| 42 | T4 | 12 | 93264 | 289344 | 17 | 2 | 1001142 AA | | 105 P | P | | 634 |
| 43 | T4 | 12 | 93264 | 289344 | 17 | 1 | 1001142 AA | | 105 P | P | | 623 |
| 44 | T4 | 12 | 93264 | 289344 | 17 | 1 | 1001284 AA | | 105 P | P | | 621 |
| 45 | T4 | 12 | 91594 | 289344 | 17 | 1 | 1098825 AA | | 105 P | P | | 631 |
| 46 | T4 | 12 | 91594 | 289344 | 17 | 1 | 1098825 AA | | 105 P | P | | 630 |
| 47 | T4 | 12 | 91594 | 289344 | 17 | 1 | 1098825 AA | | 105 P | P | | 629 |
| 48 | T4 | 12 | 91594 | 289344 | 17 | 1 | 1098825 AA | | 105 P | P | | 628 |
| 49 | T4 | 12 | 92930 | 289344 | 17 | 2 | 1098825 AA | | 105 P | P | | 633 |
| 50 | T4 | 12 | 92930 | 289344 | 17 | 2 | 1098825 AA | | 105 P | P | | 632 |
| 51 | T4 | 11 | 93264 | 287951 | 17 | 0.5 | 1001284 AA | | 105 P | P | | 836 |
| 52 | T4 | 11 | 93264 | 287951 | 17 | 0.5 | 1001284 AA | | 105 P | P | | 829 |
| 53 | T4 | 11 | 93264 | 287951 | 17 | 1 | 1001284 AA | | 105 P | P | | 828 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|------------|-------|----------------|------------------------|------------------------------|--------------------------------|-----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 54 | Plant | 345 | 1140 | 81 | 11/21/2017 | 1869 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 55 | Plant | 345 | 1140 | 20 | 11/21/2017 | 1869 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 56 | Plant | 345 | 1140 | 41 | 11/21/2017 | 1869 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 57 | Plant | 345 | 1140 | 41 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 58 | Plant | 345 | 1140 | 41 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 59 | Plant | 345 | 1140 | 81 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 60 | Plant | 345 | 1140 | 41 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 61 | Plant | 345 | 1140 | 20 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 62 | Plant | 345 | 1140 | 20 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 63 | Plant | 345 | 1140 | 61 | 11/7/2017 | 1863 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 64 | Plant | 345 | 1140 | 81 | 11/7/2017 | 1863 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 65 | Plant | 345 | 1140 | 41 | 11/7/2017 | 1863 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 66 | Plant | 345 | 1140 | 41 | 11/7/2017 | 1863 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 67 | Plant | 345 | 1140 | 81 | 11/7/2017 | 1863 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 68 | Plant | 345 | 1140 | 163 | 11/7/2017 | 1863 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 69 | Plant | 345 | 1140 | 81 | 11/7/2017 | 1863 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 70 | Plant | 345 | 1140 | 81 | 11/7/2017 | 1863 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 71 | Plant | 345 | 1125 | 41 | 11/30/2017 | 1872 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 72 | Plant | 345 | 1125 | 41 | 11/21/2017 | 1869 | Captive | Raines, Thomas | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 73 | Plant | 345 | 1125 | 41 | 11/21/2017 | 1869 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 74 | Plant | 345 | 1125 | 81 | 11/21/2017 | 1869 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 75 | Plant | 345 | 1125 | 122 | 11/21/2017 | 1869 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 76 | Plant | 345 | 1125 | 102 | 11/21/2017 | 1869 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 77 | Plant | 345 | 1125 | 81 | 11/21/2017 | 1869 | Captive | Raines, Thomas | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 78 | Plant | 345 | 1125 | 20 | 11/21/2017 | 1869 | Captive | Raines, Thomas | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 79 | Plant | 345 | 1125 | 20 | 11/21/2017 | 1869 | Captive | Raines, Thomas | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 80 | Plant | 345 | 1125 | 41 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 81 | Plant | 345 | 1125 | 41 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 82 | Plant | 345 | 1125 | 41 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 83 | Plant | 345 | 1125 | 204 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 84 | Plant | 345 | 1125 | 163 | 11/15/2017 | 1866 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 85 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 86 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 87 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New line replacement 00 |
| 88 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New line replacement 00 |
| 89 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New line replacement 00 |
| 90 | Plant | 345 | 1125 | 122 | 11/7/2017 | 1863 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New line replacement 00 |
| 91 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New line replacement 00 |
| 92 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 93 | Plant | 345 | 1125 | 81 | 11/7/2017 | 1863 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 94 | Plant | 345 | 1120 | 41 | 11/30/2017 | 1872 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Storage Tank Vents 001 |
| 95 | Plant | 345 | 1120 | 41 | 11/30/2017 | 1872 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Storage Tank Vents 001 |
| 96 | Plant | 345 | 1120 | 41 | 11/30/2017 | 1872 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Storage Tank Vents 001 |
| 97 | Plant | 345 | 1120 | 81 | 11/30/2017 | 1872 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Storage Tank Vents 001 |
| 98 | Plant | 345 | 1120 | 81 | 11/30/2017 | 1872 | Captive | Vaughn, Stephen R. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Storage Tank Vents 001 |
| 99 | Plant | 345 | 1120 | 81 | 11/21/2017 | 1869 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 100 | Plant | 345 | 1120 | 81 | 11/21/2017 | 1869 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 101 | Plant | 345 | 1055 | 244 | 11/7/2017 | 1863 | Captive | Partin, Michael W. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | storage build Floor Repla00 |
| 102 | Plant | 345 | 1055 | 224 | 11/7/2017 | 1863 | Captive | Wilson, Colby | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 103 | Plant | 345 | 1055 | 81 | 11/7/2017 | 1863 | Captive | Johnson, Harvey H. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 104 | Plant | 345 | 1055 | 81 | 11/7/2017 | 1863 | Captive | Johnson, Harvey H. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 105 | Plant | 345 | 1055 | 41 | 11/7/2017 | 1863 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 54 | T4 | 11 | 93264 | 287951 | 17 | 2 | 1001142 AA | | 105 P | P | | 826 |
| 55 | T4 | 11 | 93264 | 287951 | 17 | 0.5 | 1001284 AA | | 105 P | P | | 823 |
| 56 | T4 | 11 | 93264 | 287951 | 17 | 1 | 1001284 AA | | 105 P | P | | 822 |
| 57 | T4 | 11 | 93264 | 287435 | 17 | 1 | 1099579 AA | | 105 P | P | | 552 |
| 58 | T4 | 11 | 93264 | 287435 | 17 | 1 | 1099579 AA | | 105 P | P | | 551 |
| 59 | T4 | 11 | 93264 | 287435 | 17 | 2 | 1099579 AA | | 105 P | P | | 550 |
| 60 | T4 | 11 | 93264 | 287435 | 17 | 1 | 1099579 AA | | 105 P | P | | 549 |
| 61 | T4 | 11 | 93264 | 287435 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 548 |
| 62 | T4 | 11 | 93264 | 287435 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 547 |
| 63 | T4 | 11 | 93264 | 287368 | 17 | 1.5 | 1001284 AA | | 105 P | P | | 693 |
| 64 | T4 | 11 | 93264 | 287368 | 17 | 2 | 1001284 AA | | 105 P | P | | 692 |
| 65 | T4 | 11 | 93264 | 287368 | 17 | 1 | 1001284 AA | | 105 P | P | | 691 |
| 66 | T4 | 11 | 93264 | 287368 | 17 | 1 | 1001284 AA | | 105 P | P | | 690 |
| 67 | T4 | 11 | 93264 | 287368 | 17 | 2 | 1001142 AA | | 105 P | P | | 688 |
| 68 | T4 | 11 | 93264 | 287368 | 17 | 4 | 1001142 AA | | 105 P | P | | 687 |
| 69 | T4 | 11 | 93264 | 287368 | 17 | 2 | 1001142 AA | | 105 P | P | | 686 |
| 70 | T4 | 11 | 93264 | 287368 | 17 | 2 | 1001142 AA | | 105 P | P | | 685 |
| 71 | T4 | 11 | 91928 | 287962 | 17 | 1 | 1099579 AA | | 105 P | P | | 373 |
| 72 | T4 | 11 | 91928 | 287951 | 17 | 1 | 1001284 AA | | 105 P | P | | 837 |
| 73 | T4 | 11 | 91928 | 287951 | 17 | 1 | 1098942 AA | | 105 P | P | | 833 |
| 74 | T4 | 11 | 91928 | 287951 | 17 | 2 | 1098942 AA | | 105 P | P | | 832 |
| 75 | T4 | 11 | 91928 | 287951 | 17 | 3 | 1098942 AA | | 105 P | P | | 831 |
| 76 | T4 | 11 | 91928 | 287951 | 17 | 2.5 | 1098942 AA | | 105 P | P | | 830 |
| 77 | T4 | 11 | 91928 | 287951 | 17 | 2 | 1001284 AA | | 105 P | P | | 827 |
| 78 | T4 | 11 | 91928 | 287951 | 17 | 0.5 | 1001284 AA | | 105 P | P | | 825 |
| 79 | T4 | 11 | 91928 | 287951 | 17 | 0.5 | 1001284 AA | | 105 P | P | | 824 |
| 80 | T4 | 11 | 91928 | 287435 | 17 | 1 | 1099579 AA | | 105 P | P | | 555 |
| 81 | T4 | 11 | 91928 | 287435 | 17 | 1 | 1099579 AA | | 105 P | P | | 554 |
| 82 | T4 | 11 | 91928 | 287435 | 17 | 1 | 1099579 AA | | 105 P | P | | 553 |
| 83 | T4 | 11 | 91928 | 287435 | 17 | 5 | 1099579 AA | | 105 P | P | | 546 |
| 84 | T4 | 11 | 91928 | 287435 | 17 | 4 | 1099579 AA | | 105 P | P | | 545 |
| 85 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098822 AA | | 105 P | P | | 695 |
| 86 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098822 AA | | 105 P | P | | 694 |
| 87 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098942 AA | | 105 P | P | | 684 |
| 88 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098942 AA | | 105 P | P | | 683 |
| 89 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098942 AA | | 105 P | P | | 682 |
| 90 | T4 | 11 | 91928 | 287368 | 17 | 3 | 1098942 AA | | 105 P | P | | 681 |
| 91 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098942 AA | | 105 P | P | | 680 |
| 92 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098822 AA | | 105 P | P | | 672 |
| 93 | T4 | 11 | 91928 | 287368 | 17 | 2 | 1098822 AA | | 105 P | P | | 671 |
| 94 | T4 | 11 | 91594 | 287962 | 17 | 1 | 1099579 AA | | 105 P | P | | 376 |
| 95 | T4 | 11 | 91594 | 287962 | 17 | 1 | 1099579 AA | | 105 P | P | | 375 |
| 96 | T4 | 11 | 91594 | 287962 | 17 | 1 | 1099579 AA | | 105 P | P | | 374 |
| 97 | T4 | 11 | 91594 | 287962 | 17 | 2 | 1099579 AA | | 105 P | P | | 372 |
| 98 | T4 | 11 | 91594 | 287962 | 17 | 2 | 1099579 AA | | 105 P | P | | 371 |
| 99 | T4 | 11 | 91594 | 287951 | 17 | 2 | 1098825 AA | | 105 P | P | | 835 |
| 100 | T4 | 11 | 91594 | 287951 | 17 | 2 | 1098825 AA | | 105 P | P | | 834 |
| 101 | T4 | 11 | 92262 | 287368 | 17 | 6 | 1098942 AA | | 105 P | P | | 696 |
| 102 | T4 | 11 | 92262 | 287368 | 17 | 5.5 | 1001177 AA | | 105 P | P | | 689 |
| 103 | T4 | 11 | 92262 | 287368 | 17 | 2 | 1098821 AA | | 105 P | P | | 679 |
| 104 | T4 | 11 | 92262 | 287368 | 17 | 2 | 1098821 AA | | 105 P | P | | 678 |
| 105 | T4 | 11 | 92262 | 287368 | 17 | 1 | 1098825 AA | | 105 P | P | | 677 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|------------|--------|----------------|------------------------|------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 106 | Plant | 345 | 1055 | 81 | 11/7/2017 | 1863 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 107 | Plant | 345 | 1055 | 41 | 11/7/2017 | 1863 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 108 | Plant | 345 | 1055 | 81 | 11/7/2017 | 1863 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 109 | Plant | 345 | 1055 | 81 | 11/7/2017 | 1863 | Captive | Partin, Michael W. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | storage build Floor Repla00 |
| 110 | Plant | 345 | 1195 | 41 | 10/24/2017 | 1860 | Captive | Mills, Wendell G. | LABORATORY EQPT | | Cap Asset 001 6 |
| 111 | Plant | 345 | 1195 | 81 | 10/10/2017 | 1854 | Captive | Mills, Wendell G. | LABORATORY EQPT | | Cap Asset 001 6 |
| 112 | Plant | 345 | 1140 | 41 | 10/24/2017 | 1860 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 113 | Plant | 345 | 1140 | 41 | 10/24/2017 | 1860 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter exchange 001 6 |
| 114 | Plant | 345 | 1140 | 41 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter exchange 001 6 |
| 115 | Plant | 345 | 1140 | 61 | 10/24/2017 | 1860 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 116 | Plant | 345 | 1140 | 81 | 10/24/2017 | 1860 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 117 | Plant | 345 | 1140 | 41 | 10/24/2017 | 1860 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter exchange 001 6 |
| 118 | Plant | 345 | 1140 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 119 | Plant | 345 | 1140 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 120 | Plant | 345 | 1140 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 121 | Plant | 345 | 1140 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 122 | Plant | 345 | 1140 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 123 | Plant | 345 | 1140 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 124 | Plant | 345 | 1140 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 125 | Plant | 345 | 1140 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 126 | Plant | 345 | 1140 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Installation 001 6 |
| 127 | Plant | 345 | 1140 | 326 | 10/10/2017 | 1854 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter install an meter e00 |
| 128 | Plant | 345 | 1140 | 244 | 10/10/2017 | 1854 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter install an meter e00 |
| 129 | Plant | 345 | 1140 | 326 | 10/10/2017 | 1854 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter install an meter e00 |
| 130 | Plant | 345 | 1140 | 81 | 10/10/2017 | 1854 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter install an meter e00 |
| 131 | Plant | 345 | 1140 | 122 | 10/10/2017 | 1854 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter install an meter e00 |
| 132 | Plant | 345 | 1140 | 163 | 10/10/2017 | 1854 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing / Pulled & 00 |
| 133 | Plant | 345 | 1140 | 81 | 10/10/2017 | 1854 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Exchange 001 6 |
| 134 | Plant | 345 | 1140 | 41 | 10/10/2017 | 1854 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter install 001 6 |
| 135 | Plant | 345 | 1140 | 81 | 10/10/2017 | 1854 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 136 | Plant | 345 | 1140 | 41 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Change Outs 001 6 |
| 137 | Plant | 345 | 1140 | 41 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Change Outs 001 6 |
| 138 | Plant | 345 | 1140 | 326 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Change Outs 001 6 |
| 139 | Plant | 345 | 1140 | 41 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Change Outs 001 6 |
| 140 | Plant | 345 | 1140 | 41 | 10/31/2017 | 358980 | Captive | OCT 2017 9660 ADJ | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RCL T4 1860 Killion, Jeffrey |
| 141 | Plant | 345 | 1140 | 41 | 10/31/2017 | 358980 | Captive | OCT 2017 9660 ADJ | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RCL T4 1860 Killion, Jeffrey |
| 142 | Plant | 345 | 1140 | 41 | 10/31/2017 | 358980 | Captive | OCT 2017 9660 ADJ | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RCL T4 1860 Killion, Jeffrey |
| 143 | Plant | 345 | 1140 | 81 | 10/31/2017 | 358980 | Captive | OCT 2017 9660 ADJ | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RCL T4 1860 Killion, Jeffrey |
| 144 | Plant | 345 | 1140 | 41 | 10/31/2017 | 358980 | Captive | OCT 2017 9660 ADJ | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RCL T4 1860 Killion, Jeffrey |
| 145 | Plant | 345 | 1135 | 20 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METERS | New 3" meter | 001 6 |
| 146 | Plant | 345 | 1135 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | METERS | New 3" meter | 001 6 |
| 147 | Plant | 345 | 1130 | 41 | 10/24/2017 | 1860 | Captive | Onkst, James H. | WATER SERVICE LINES | fire Protection line | 001 6 |
| 148 | Plant | 345 | 1130 | 244 | 10/24/2017 | 1860 | Captive | Onkst, James H. | WATER SERVICE LINES | fire Protection line | 001 6 |
| 149 | Plant | 345 | 1130 | 224 | 10/24/2017 | 1860 | Captive | Onkst, James H. | WATER SERVICE LINES | fire Protection line | 001 6 |
| 150 | Plant | 345 | 1130 | 81 | 10/24/2017 | 1860 | Captive | Onkst, James H. | WATER SERVICE LINES | fire Protection line | 001 6 |
| 151 | Plant | 345 | 1130 | 41 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | WATER SERVICE LINES | Fire Protection Tap | 001 6 |
| 152 | Plant | 345 | 1130 | 41 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | WATER SERVICE LINES | Fire Protection Tap | 001 6 |
| 153 | Plant | 345 | 1130 | 244 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | WATER SERVICE LINES | Fire Protection Tap | 001 6 |
| 154 | Plant | 345 | 1130 | 224 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | WATER SERVICE LINES | Fire Protection Tap | 001 6 |
| 155 | Plant | 345 | 1130 | 81 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | WATER SERVICE LINES | Fire Protection Tap | 001 6 |
| 156 | Plant | 345 | 1130 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | New Meter Vault Installat0 | |
| 157 | Plant | 345 | 1130 | 326 | 10/10/2017 | 1854 | Captive | Onkst, James H. | WATER SERVICE LINES | New service tap | 001 6 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 106 | T4 | 11 | 92262 | 287368 | 17 | 2 | 1098825 AA | | 105 P | P | | 676 |
| 107 | T4 | 11 | 92262 | 287368 | 17 | 1 | 1098825 AA | | 105 P | P | | 675 |
| 108 | T4 | 11 | 92262 | 287368 | 17 | 2 | 1098825 AA | | 105 P | P | | 674 |
| 109 | T4 | 11 | 92262 | 287368 | 17 | 2 | 1098942 AA | | 105 P | P | | 673 |
| 110 | T4 | 10 | 97601 | 285649 | 17 | 1 | 1098825 AA | | 105 P | P | | 865 |
| 111 | T4 | 10 | 97601 | 285532 | 17 | 2 | 1098825 AA | | 105 P | P | | 840 |
| 112 | T4 | 10 | 93264 | 285649 | 17 | 1 | 1001284 AA | | 105 P | P | | 868 |
| 113 | T4 | 10 | 93264 | 285649 | 17 | 1 | 1098822 AA | | 105 P | P | | 867 |
| 114 | T4 | 10 | 93264 | 285649 | 17 | 1 | 1098942 AA | | 105 P | P | | 866 |
| 115 | T4 | 10 | 93264 | 285649 | 17 | 1.5 | 1001284 AA | | 105 P | P | | 844 |
| 116 | T4 | 10 | 93264 | 285649 | 17 | 2 | 1001284 AA | | 105 P | P | | 843 |
| 117 | T4 | 10 | 93264 | 285649 | 17 | 1 | 1098822 AA | | 105 P | P | | 842 |
| 118 | T4 | 10 | 93264 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 603 |
| 119 | T4 | 10 | 93264 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 602 |
| 120 | T4 | 10 | 93264 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 601 |
| 121 | T4 | 10 | 93264 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 600 |
| 122 | T4 | 10 | 93264 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 599 |
| 123 | T4 | 10 | 93264 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 598 |
| 124 | T4 | 10 | 93264 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 597 |
| 125 | T4 | 10 | 93264 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 596 |
| 126 | T4 | 10 | 93264 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 595 |
| 127 | T4 | 10 | 93264 | 285532 | 17 | 8 | 1098822 AA | | 105 P | P | | 848 |
| 128 | T4 | 10 | 93264 | 285532 | 17 | 6 | 1098822 AA | | 105 P | P | | 847 |
| 129 | T4 | 10 | 93264 | 285532 | 17 | 8 | 1098822 AA | | 105 P | P | | 846 |
| 130 | T4 | 10 | 93264 | 285532 | 17 | 2 | 1098822 AA | | 105 P | P | | 845 |
| 131 | T4 | 10 | 93264 | 285532 | 17 | 3 | 1098822 AA | | 105 P | P | | 844 |
| 132 | T4 | 10 | 93264 | 285532 | 17 | 4 | 1098942 AA | | 105 P | P | | 843 |
| 133 | T4 | 10 | 93264 | 285532 | 17 | 2 | 1098942 AA | | 105 P | P | | 842 |
| 134 | T4 | 10 | 93264 | 285532 | 17 | 1 | 1098942 AA | | 105 P | P | | 841 |
| 135 | T4 | 10 | 93264 | 285532 | 17 | 2 | 1001284 AA | | 105 P | P | | 839 |
| 136 | T4 | 10 | 93264 | 285450 | 17 | 1 | 1099579 AA | | 105 P | P | | 546 |
| 137 | T4 | 10 | 93264 | 285450 | 17 | 1 | 1099579 AA | | 105 P | P | | 545 |
| 138 | T4 | 10 | 93264 | 285450 | 17 | 8 | 1099579 AA | | 105 P | P | | 544 |
| 139 | T4 | 10 | 93264 | 285450 | 17 | 1 | 1099579 AA | | 105 P | P | | 543 |
| 140 | JE | 10 | 93264 | 285654 | 17 | | AA | | 868 G | P | | 42 |
| 141 | JE | 10 | 93264 | 285654 | 17 | | AA | | 868 G | P | | 41 |
| 142 | JE | 10 | 93264 | 285654 | 17 | | AA | | 868 G | P | | 40 |
| 143 | JE | 10 | 93264 | 285654 | 17 | | AA | | 868 G | P | | 39 |
| 144 | JE | 10 | 93264 | 285654 | 17 | | AA | | 868 G | P | | 38 |
| 145 | T4 | 10 | 97906 | 285647 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 576 |
| 146 | T4 | 10 | 97906 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 575 |
| 147 | T4 | 10 | 96128 | 285649 | 17 | 1 | 1098822 AA | | 105 P | P | | 853 |
| 148 | T4 | 10 | 96128 | 285649 | 17 | 6 | 1098822 AA | | 105 P | P | | 852 |
| 149 | T4 | 10 | 96128 | 285649 | 17 | 5.5 | 1098822 AA | | 105 P | P | | 851 |
| 150 | T4 | 10 | 96128 | 285649 | 17 | 2 | 1098822 AA | | 105 P | P | | 850 |
| 151 | T4 | 10 | 96128 | 285649 | 17 | 1 | 1098942 AA | | 105 P | P | | 849 |
| 152 | T4 | 10 | 96128 | 285649 | 17 | 1 | 1098942 AA | | 105 P | P | | 848 |
| 153 | T4 | 10 | 96128 | 285649 | 17 | 6 | 1098942 AA | | 105 P | P | | 846 |
| 154 | T4 | 10 | 96128 | 285649 | 17 | 5.5 | 1098942 AA | | 105 P | P | | 845 |
| 155 | T4 | 10 | 96128 | 285649 | 17 | 2 | 1098942 AA | | 105 P | P | | 841 |
| 156 | T4 | 10 | 96128 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 577 |
| 157 | T4 | 10 | 96128 | 285532 | 17 | 8 | 1098822 AA | | 105 P | P | | 855 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|------------|-------|----------------|------------------------|------------------------------|--------------------------------|-----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 158 | Plant | 345 | 1130 | 326 | 10/10/2017 | 1854 | Captive | Onkst, James H. | WATER SERVICE LINES | | New service tap 001 6 |
| 159 | Plant | 345 | 1130 | 244 | 10/10/2017 | 1854 | Captive | Onkst, James H. | WATER SERVICE LINES | | new servise install 2" s001 |
| 160 | Plant | 345 | 1130 | 366 | 10/10/2017 | 1854 | Captive | Partin, Michael W. | WATER SERVICE LINES | | 6" Fire protection Tap 001 |
| 161 | Plant | 345 | 1130 | 326 | 10/10/2017 | 1854 | Captive | Partin, Michael W. | WATER SERVICE LINES | | 6" Fire protection Tap 001 |
| 162 | Plant | 345 | 1130 | 326 | 10/10/2017 | 1854 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Replaced 2" Service 001 |
| 163 | Plant | 345 | 1130 | 122 | 10/10/2017 | 1854 | Captive | Partin, Michael W. | WATER SERVICE LINES | | replaced meter arm 001 |
| 164 | Plant | 345 | 1130 | 81 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Installation 00 |
| 165 | Plant | 345 | 1125 | 244 | 10/24/2017 | 1860 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | new main replacement 0 |
| 166 | Plant | 345 | 1125 | 41 | 10/24/2017 | 1860 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | new main replacement 0 |
| 167 | Plant | 345 | 1125 | 285 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | new main replacment 00 |
| 168 | Plant | 345 | 1125 | 41 | 10/24/2017 | 1860 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | new main replacment 00 |
| 169 | Plant | 345 | 1125 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Water Main Installati |
| 170 | Plant | 345 | 1125 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Water Main Installati |
| 171 | Plant | 345 | 1125 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Water Main Installati |
| 172 | Plant | 345 | 1125 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Water Main Installati |
| 173 | Plant | 345 | 1125 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Water Main Installati |
| 174 | Plant | 345 | 1125 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Water Main Installati |
| 175 | Plant | 345 | 1125 | 41 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 176 | Plant | 345 | 1125 | 41 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 177 | Plant | 345 | 1125 | 122 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 178 | Plant | 345 | 1125 | 81 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | New Main Installation 00 |
| 179 | Plant | 345 | 1120 | 41 | 10/24/2017 | 1860 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 180 | Plant | 345 | 1120 | 81 | 10/24/2017 | 1860 | Captive | Mills, Wendell G. | WTR CHEM STORAGE,TANKS,TAPS | CHEMICAL TANKS | Cap Asset 001 6 |
| 181 | Plant | 345 | 1115 | 81 | 10/24/2017 | 1860 | Captive | Johnson, Harvey H. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 182 | Plant | 345 | 1115 | 265 | 10/24/2017 | 1860 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 183 | Plant | 345 | 1105 | 81 | 10/10/2017 | 1854 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 184 | Plant | 345 | 1055 | 81 | 10/24/2017 | 1860 | Captive | Johnson, Harvey H. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 185 | Plant | 345 | 1055 | 163 | 10/24/2017 | 1860 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 186 | Plant | 345 | 1055 | 81 | 10/24/2017 | 1860 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 187 | Plant | 345 | 1055 | 81 | 10/24/2017 | 1860 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 188 | Plant | 345 | 1055 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates at WTP 00 |
| 189 | Plant | 345 | 1055 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates at WTP 00 |
| 190 | Plant | 345 | 1055 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Doorlock replacements at 0 |
| 191 | Plant | 345 | 1055 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates at WTP 00 |
| 192 | Plant | 345 | 1055 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates at WTP 00 |
| 193 | Plant | 345 | 1055 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mower Building 001 6 |
| 194 | Plant | 345 | 1055 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mower Building 001 6 |
| 195 | Plant | 345 | 1055 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mower Building 001 6 |
| 196 | Plant | 345 | 1055 | 81 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mower Building 001 6 |
| 197 | Plant | 345 | 1055 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates at WTP 00 |
| 198 | Plant | 345 | 1055 | 41 | 10/31/2017 | 1857 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mower Building 001 6 |
| 199 | Plant | 345 | 1055 | 163 | 10/10/2017 | 1854 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 200 | Plant | 345 | 1055 | 204 | 10/10/2017 | 1854 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 201 | Plant | 345 | 1055 | 204 | 10/10/2017 | 1854 | Captive | Johnson, Harvey H. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 202 | Plant | 345 | 1055 | 265 | 10/10/2017 | 1854 | Captive | Wilson, Colby | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 203 | Plant | 345 | 1055 | 163 | 10/10/2017 | 1854 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 204 | Plant | 345 | 1055 | 163 | 10/10/2017 | 1854 | Captive | Wilson, Colby | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 205 | Plant | 345 | 1055 | 81 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates WTP 001 |
| 206 | Plant | 345 | 1055 | 41 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates WTP 001 |
| 207 | Plant | 345 | 1055 | 41 | 10/15/2017 | 1851 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates WTP 001 |
| 208 | Plant | 345 | 1145 | 81 | 9/12/2017 | 1839 | Captive | Partin, Michael W. | HYDRANTS | | New Hydrant Install 001 |
| 209 | Plant | 345 | 1145 | 81 | 9/12/2017 | 1839 | Captive | Onkst, James H. | HYDRANTS | | fire/hyd flow test/an pai00 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 158 | T4 | 10 | 96128 | 285532 | 17 | 8 | 1098822 AA | | 105 P | P | | 854 |
| 159 | T4 | 10 | 96128 | 285532 | 17 | 6 | 1098822 AA | | 105 P | P | | 853 |
| 160 | T4 | 10 | 96128 | 285532 | 17 | 9 | 1098942 AA | | 105 P | P | | 852 |
| 161 | T4 | 10 | 96128 | 285532 | 17 | 8 | 1098942 AA | | 105 P | P | | 851 |
| 162 | T4 | 10 | 96128 | 285532 | 17 | 8 | 1098942 AA | | 105 P | P | | 850 |
| 163 | T4 | 10 | 96128 | 285532 | 17 | 3 | 1098942 AA | | 105 P | P | | 849 |
| 164 | T4 | 10 | 96128 | 285450 | 17 | 2 | 1099579 AA | | 105 P | P | | 547 |
| 165 | T4 | 10 | 91928 | 285649 | 17 | 6 | 1098822 AA | | 105 P | P | | 857 |
| 166 | T4 | 10 | 91928 | 285649 | 17 | 1 | 1098822 AA | | 105 P | P | | 856 |
| 167 | T4 | 10 | 91928 | 285649 | 17 | 7 | 1098942 AA | | 105 P | P | | 855 |
| 168 | T4 | 10 | 91928 | 285649 | 17 | 1 | 1098942 AA | | 105 P | P | | 854 |
| 169 | T4 | 10 | 91928 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 583 |
| 170 | T4 | 10 | 91928 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 582 |
| 171 | T4 | 10 | 91928 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 581 |
| 172 | T4 | 10 | 91928 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 580 |
| 173 | T4 | 10 | 91928 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 579 |
| 174 | T4 | 10 | 91928 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 578 |
| 175 | T4 | 10 | 91928 | 285450 | 17 | 1 | 1099579 AA | | 105 P | P | | 551 |
| 176 | T4 | 10 | 91928 | 285450 | 17 | 1 | 1099579 AA | | 105 P | P | | 550 |
| 177 | T4 | 10 | 91928 | 285450 | 17 | 3 | 1099579 AA | | 105 P | P | | 549 |
| 178 | T4 | 10 | 91928 | 285450 | 17 | 2 | 1099579 AA | | 105 P | P | | 548 |
| 179 | T4 | 10 | 91594 | 285649 | 17 | 1 | 1098825 AA | | 105 P | P | | 859 |
| 180 | T4 | 10 | 91594 | 285649 | 17 | 2 | 1098825 AA | | 105 P | P | | 858 |
| 181 | T4 | 10 | 92930 | 285649 | 17 | 2 | 1098821 AA | | 105 P | P | | 860 |
| 182 | T4 | 10 | 92930 | 285649 | 17 | 6.5 | 1001177 AA | | 105 P | P | | 847 |
| 183 | T4 | 10 | 91260 | 285532 | 17 | 2 | 1098825 AA | | 105 P | P | | 856 |
| 184 | T4 | 10 | 92262 | 285649 | 17 | 2 | 1098821 AA | | 105 P | P | | 864 |
| 185 | T4 | 10 | 92262 | 285649 | 17 | 4 | 1098825 AA | | 105 P | P | | 863 |
| 186 | T4 | 10 | 92262 | 285649 | 17 | 2 | 1098825 AA | | 105 P | P | | 862 |
| 187 | T4 | 10 | 92262 | 285649 | 17 | 2 | 1098825 AA | | 105 P | P | | 861 |
| 188 | T4 | 10 | 92262 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 594 |
| 189 | T4 | 10 | 92262 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 593 |
| 190 | T4 | 10 | 92262 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 592 |
| 191 | T4 | 10 | 92262 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 591 |
| 192 | T4 | 10 | 92262 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 590 |
| 193 | T4 | 10 | 92262 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 589 |
| 194 | T4 | 10 | 92262 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 588 |
| 195 | T4 | 10 | 92262 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 587 |
| 196 | T4 | 10 | 92262 | 285647 | 17 | 2 | 1099579 AA | | 105 P | P | | 586 |
| 197 | T4 | 10 | 92262 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 585 |
| 198 | T4 | 10 | 92262 | 285647 | 17 | 1 | 1099579 AA | | 105 P | P | | 584 |
| 199 | T4 | 10 | 92262 | 285532 | 17 | 4 | 1098825 AA | | 105 P | P | | 858 |
| 200 | T4 | 10 | 92262 | 285532 | 17 | 5 | 1098825 AA | | 105 P | P | | 857 |
| 201 | T4 | 10 | 92262 | 285532 | 17 | 5 | 1098821 AA | | 105 P | P | | 838 |
| 202 | T4 | 10 | 92262 | 285532 | 17 | 6.5 | 1001177 AA | | 105 P | P | | 837 |
| 203 | T4 | 10 | 92262 | 285532 | 17 | 4 | 1098825 AA | | 105 P | P | | 836 |
| 204 | T4 | 10 | 92262 | 285532 | 17 | 4 | 1001177 AA | | 105 P | P | | 835 |
| 205 | T4 | 10 | 92262 | 285450 | 17 | 2 | 1099579 AA | | 105 P | P | | 552 |
| 206 | T4 | 10 | 92262 | 285450 | 17 | 1 | 1099579 AA | | 105 P | P | | 542 |
| 207 | T4 | 10 | 92262 | 285450 | 17 | 1 | 1099579 AA | | 105 P | P | | 541 |
| 208 | T4 | 9 | 98150 | 281795 | 17 | 2 | 1098942 AA | | 105 P | P | | 821 |
| 209 | T4 | 9 | 98150 | 281795 | 17 | 2 | 1098822 AA | | 105 P | P | | 810 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 210 | Plant | 345 | 1145 | 81 | 9/12/2017 | 1839 | Captive | Onkst, James H. | HYDRANTS | | fire/hyd flow test/an pai00 |
| 211 | Plant | 345 | 1145 | 81 | 9/12/2017 | 1839 | Captive | Partin, Michael W. | HYDRANTS | | New Hydrant Install 001 |
| 212 | Plant | 345 | 1140 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 213 | Plant | 345 | 1140 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 214 | Plant | 345 | 1140 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 215 | Plant | 345 | 1140 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 216 | Plant | 345 | 1140 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 217 | Plant | 345 | 1140 | 244 | 9/26/2017 | 1845 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | METER/EXCHANGES |
| 218 | Plant | 345 | 1140 | 41 | 9/26/2017 | 1845 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 219 | Plant | 345 | 1140 | 41 | 9/26/2017 | 1845 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 220 | Plant | 345 | 1140 | 41 | 9/26/2017 | 1845 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 221 | Plant | 345 | 1140 | 407 | 9/26/2017 | 1845 | Captive | Wilson, Colby | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 222 | Plant | 345 | 1140 | 41 | 9/26/2017 | 1845 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 223 | Plant | 345 | 1140 | 244 | 9/26/2017 | 1845 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Exchange 001 |
| 224 | Plant | 345 | 1140 | 41 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 225 | Plant | 345 | 1140 | 41 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 226 | Plant | 345 | 1140 | 41 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 227 | Plant | 345 | 1140 | 41 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Exchange |
| 228 | Plant | 345 | 1130 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Food City Service Install001 |
| 229 | Plant | 345 | 1130 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Food City Service Install001 |
| 230 | Plant | 345 | 1130 | 244 | 9/26/2017 | 1845 | Captive | Onkst, James H. | WATER SERVICE LINES | | SERVICE TAP 001 6 |
| 231 | Plant | 345 | 1130 | 244 | 9/26/2017 | 1845 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Service Tap 001 6 |
| 232 | Plant | 345 | 1130 | 204 | 9/12/2017 | 1839 | Captive | Onkst, James H. | WATER SERVICE LINES | | new servise/ tap-main 5/80 |
| 233 | Plant | 345 | 1130 | 81 | 9/12/2017 | 1839 | Captive | Onkst, James H. | WATER SERVICE LINES | | new servise/ tap-main 5/80 |
| 234 | Plant | 345 | 1130 | 204 | 9/12/2017 | 1839 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Installed new Tap & Servi00 |
| 235 | Plant | 345 | 1130 | 41 | 9/12/2017 | 1839 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Installed new Tap & Servi00 |
| 236 | Plant | 345 | 1130 | 81 | 9/12/2017 | 1839 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Installed new Tap & Servi00 |
| 237 | Plant | 345 | 1125 | 81 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Main Replacements 00 |
| 238 | Plant | 345 | 1125 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Main Replacements 00 |
| 239 | Plant | 345 | 1125 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Main Replacements 00 |
| 240 | Plant | 345 | 1125 | 41 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Replacement |
| 241 | Plant | 345 | 1125 | 41 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Replacement |
| 242 | Plant | 345 | 1125 | 41 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Replacement |
| 243 | Plant | 345 | 1125 | 326 | 9/12/2017 | 1839 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | replacement creek crossin0 |
| 244 | Plant | 345 | 1125 | 326 | 9/12/2017 | 1839 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Replacement of Creek Cros |
| 245 | Plant | 345 | 1115 | 122 | 9/26/2017 | 1845 | Captive | Johnson, Harvey H. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 246 | Plant | 345 | 1115 | 41 | 9/26/2017 | 1845 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 247 | Plant | 345 | 1115 | 122 | 9/12/2017 | 1839 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 248 | Plant | 345 | 1105 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Discharge pump 001 |
| 249 | Plant | 345 | 1105 | 41 | 9/26/2017 | 1845 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 250 | Plant | 345 | 1105 | 41 | 9/26/2017 | 1845 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 251 | Plant | 345 | 1055 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | WTP Security Gates 001 |
| 252 | Plant | 345 | 1055 | 81 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | WTP Security Gates 001 |
| 253 | Plant | 345 | 1055 | 41 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | WTP Security Gates 001 |
| 254 | Plant | 345 | 1055 | 81 | 9/30/2017 | 1848 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | WTP Security Gates 001 |
| 255 | Plant | 345 | 1055 | 122 | 9/26/2017 | 1845 | Captive | Johnson, Harvey H. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 256 | Plant | 345 | 1055 | 122 | 9/26/2017 | 1845 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 257 | Plant | 345 | 1055 | 81 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates Installati001 |
| 258 | Plant | 345 | 1055 | 81 | 9/15/2017 | 1842 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates Installati001 |
| 259 | Plant | 345 | 1055 | 41 | 9/12/2017 | 1839 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 260 | Plant | 345 | 1050 | 122 | 9/12/2017 | 1839 | Captive | Wilson, Colby | STRUCT & IMPRV SRC SUPPLY | | Cap Asset 001 6 |
| 261 | Plant | 345 | 1050 | 122 | 9/12/2017 | 1839 | Captive | Johnson, Harvey H. | STRUCT & IMPRV SRC SUPPLY | | Cap Asset 001 6 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 210 | T4 | 9 | 98150 | 281795 | 17 | 2 | 1098822 AA | | 105 P | P | | 809 |
| 211 | T4 | 9 | 98150 | 281795 | 17 | 2 | 1098942 AA | | 105 P | P | | 807 |
| 212 | T4 | 9 | 93264 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 509 |
| 213 | T4 | 9 | 93264 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 508 |
| 214 | T4 | 9 | 93264 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 507 |
| 215 | T4 | 9 | 93264 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 506 |
| 216 | T4 | 9 | 93264 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 505 |
| 217 | T4 | 9 | 93264 | 282683 | 17 | 6 | 1098822 AA | | 105 P | P | | 871 |
| 218 | T4 | 9 | 93264 | 282683 | 17 | 1 | 1001284 AA | | 105 P | P | | 870 |
| 219 | T4 | 9 | 93264 | 282683 | 17 | 1 | 1001284 AA | | 105 P | P | | 869 |
| 220 | T4 | 9 | 93264 | 282683 | 17 | 1 | 1001284 AA | | 105 P | P | | 868 |
| 221 | T4 | 9 | 93264 | 282683 | 17 | 10 | 1001177 AA | | 105 P | P | | 867 |
| 222 | T4 | 9 | 93264 | 282683 | 17 | 1 | 1001284 AA | | 105 P | P | | 858 |
| 223 | T4 | 9 | 93264 | 282683 | 17 | 6 | 1098942 AA | | 105 P | P | | 857 |
| 224 | T4 | 9 | 93264 | 281797 | 17 | 1 | 1099579 AA | | 105 P | P | | 415 |
| 225 | T4 | 9 | 93264 | 281797 | 17 | 1 | 1099579 AA | | 105 P | P | | 414 |
| 226 | T4 | 9 | 93264 | 281797 | 17 | 1 | 1099579 AA | | 105 P | P | | 408 |
| 227 | T4 | 9 | 93264 | 281797 | 17 | 1 | 1099579 AA | | 105 P | P | | 407 |
| 228 | T4 | 9 | 96128 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 511 |
| 229 | T4 | 9 | 96128 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 510 |
| 230 | T4 | 9 | 96128 | 282683 | 17 | 6 | 1098822 AA | | 105 P | P | | 860 |
| 231 | T4 | 9 | 96128 | 282683 | 17 | 6 | 1098942 AA | | 105 P | P | | 859 |
| 232 | T4 | 9 | 96128 | 281795 | 17 | 5 | 1098822 AA | | 105 P | P | | 817 |
| 233 | T4 | 9 | 96128 | 281795 | 17 | 2 | 1098822 AA | | 105 P | P | | 816 |
| 234 | T4 | 9 | 96128 | 281795 | 17 | 5 | 1098942 AA | | 105 P | P | | 815 |
| 235 | T4 | 9 | 96128 | 281795 | 17 | 1 | 1098942 AA | | 105 P | P | | 814 |
| 236 | T4 | 9 | 96128 | 281795 | 17 | 2 | 1098942 AA | | 105 P | P | | 811 |
| 237 | T4 | 9 | 91928 | 282908 | 17 | 2 | 1099579 AA | | 105 P | P | | 514 |
| 238 | T4 | 9 | 91928 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 513 |
| 239 | T4 | 9 | 91928 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 512 |
| 240 | T4 | 9 | 91928 | 281797 | 17 | 1 | 1099579 AA | | 105 P | P | | 411 |
| 241 | T4 | 9 | 91928 | 281797 | 17 | 1 | 1099579 AA | | 105 P | P | | 410 |
| 242 | T4 | 9 | 91928 | 281797 | 17 | 1 | 1099579 AA | | 105 P | P | | 409 |
| 243 | T4 | 9 | 91928 | 281795 | 17 | 8 | 1098822 AA | | 105 P | P | | 819 |
| 244 | T4 | 9 | 91928 | 281795 | 17 | 8 | 1098942 AA | | 105 P | P | | 818 |
| 245 | T4 | 9 | 92930 | 282683 | 17 | 3 | 1098821 AA | | 105 P | P | | 862 |
| 246 | T4 | 9 | 92930 | 282683 | 17 | 1 | 1098825 AA | | 105 P | P | | 861 |
| 247 | T4 | 9 | 92930 | 281795 | 17 | 3 | 1001177 AA | | 105 P | P | | 813 |
| 248 | T4 | 9 | 91260 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 515 |
| 249 | T4 | 9 | 91260 | 282683 | 17 | 1 | 1098825 AA | | 105 P | P | | 864 |
| 250 | T4 | 9 | 91260 | 282683 | 17 | 1 | 1098825 AA | | 105 P | P | | 863 |
| 251 | T4 | 9 | 92262 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 517 |
| 252 | T4 | 9 | 92262 | 282908 | 17 | 2 | 1099579 AA | | 105 P | P | | 516 |
| 253 | T4 | 9 | 92262 | 282908 | 17 | 1 | 1099579 AA | | 105 P | P | | 504 |
| 254 | T4 | 9 | 92262 | 282908 | 17 | 2 | 1099579 AA | | 105 P | P | | 503 |
| 255 | T4 | 9 | 92262 | 282683 | 17 | 3 | 1098821 AA | | 105 P | P | | 866 |
| 256 | T4 | 9 | 92262 | 282683 | 17 | 3 | 1098825 AA | | 105 P | P | | 865 |
| 257 | T4 | 9 | 92262 | 281797 | 17 | 2 | 1099579 AA | | 105 P | P | | 413 |
| 258 | T4 | 9 | 92262 | 281797 | 17 | 2 | 1099579 AA | | 105 P | P | | 412 |
| 259 | T4 | 9 | 92262 | 281795 | 17 | 1 | 1098825 AA | | 105 P | P | | 820 |
| 260 | T4 | 9 | 95165 | 281795 | 17 | 3 | 1001177 AA | | 105 P | P | | 812 |
| 261 | T4 | 9 | 95165 | 281795 | 17 | 3 | 1098821 AA | | 105 P | P | | 808 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|-----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 262 | Plant | 345 | 1190 | 81 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Clinton Safety Equipment 0 |
| 263 | Plant | 345 | 1190 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Air Compressor 001 6 |
| 264 | Plant | 345 | 1190 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Air Compressor 001 6 |
| 265 | Plant | 345 | 1190 | 41 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Air Compressor 001 6 |
| 266 | Plant | 345 | 1190 | 41 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Air Compressor 001 6 |
| 267 | Plant | 345 | 1190 | 122 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | TOOL SHOP & MISC EQPT | | Replaced Rear tires on Ba0 |
| 268 | Plant | 345 | 1190 | 122 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | TOOL SHOP & MISC EQPT | | Replaced Rear tires on Ba0 |
| 269 | Plant | 345 | 1190 | 41 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | TOOL SHOP & MISC EQPT | | replaced Drain on A/C Unid |
| 270 | Plant | 345 | 1190 | 41 | 8/1/2017 | 1824 | Captive | Onkst, James H. | TOOL SHOP & MISC EQPT | | replaced drain 001 6 |
| 271 | Plant | 345 | 1190 | 81 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Air Compressor 001 6 |
| 272 | Plant | 345 | 1145 | 41 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | install new Hydrant kit 001 |
| 273 | Plant | 345 | 1145 | 41 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | install new Hydrant kit 001 |
| 274 | Plant | 345 | 1145 | 81 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | install new Hydrant kit 001 |
| 275 | Plant | 345 | 1145 | 81 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | install new Hydrant kit 001 |
| 276 | Plant | 345 | 1145 | 163 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | install new Hydrant kit 001 |
| 277 | Plant | 345 | 1145 | 163 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | install new Hydrant kit 001 |
| 278 | Plant | 345 | 1145 | 41 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | Flush new main & Sample t |
| 279 | Plant | 345 | 1145 | 81 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | HYDRANTS | | Flush new main & Sample t |
| 280 | Plant | 345 | 1145 | 41 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | install new hyd kit 001 6 |
| 281 | Plant | 345 | 1145 | 41 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | install new hyd kit 001 6 |
| 282 | Plant | 345 | 1145 | 81 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | install new hyd kit 001 6 |
| 283 | Plant | 345 | 1145 | 81 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | install new hyd kit 001 6 |
| 284 | Plant | 345 | 1145 | 163 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | install new hyd kit 001 6 |
| 285 | Plant | 345 | 1145 | 163 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | install new hyd kit 001 6 |
| 286 | Plant | 345 | 1145 | 41 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | flush new main 001 6 |
| 287 | Plant | 345 | 1145 | 81 | 8/1/2017 | 1824 | Captive | Onkst, James H. | HYDRANTS | | flush new main 001 6 |
| 288 | Plant | 345 | 1140 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 289 | Plant | 345 | 1140 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 290 | Plant | 345 | 1140 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 291 | Plant | 345 | 1140 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 292 | Plant | 345 | 1140 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 293 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 294 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 295 | Plant | 345 | 1140 | 81 | 8/29/2017 | 1833 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | 2" METER/EXCHANGE 0 |
| 296 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 297 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 298 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 299 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 300 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 301 | Plant | 345 | 1140 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Change Out |
| 302 | Plant | 345 | 1140 | 81 | 8/15/2017 | 1830 | Captive | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Worked meter cards 00 |
| 303 | Plant | 345 | 1140 | 81 | 8/15/2017 | 1830 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 304 | Plant | 345 | 1140 | 81 | 8/15/2017 | 1830 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 305 | Plant | 345 | 1140 | 81 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Installatio00 |
| 306 | Plant | 345 | 1140 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 307 | Plant | 345 | 1140 | 81 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 308 | Plant | 345 | 1140 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 309 | Plant | 345 | 1140 | 41 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 310 | Plant | 345 | 1140 | 41 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 311 | Plant | 345 | 1140 | 122 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 312 | Plant | 345 | 1140 | 20 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 313 | Plant | 345 | 1140 | 20 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 262 | T4 | 8 | 96448 | 280332 | 17 | 2 | 1099579 AA | | 105 P | P | | 1031 |
| 263 | T4 | 8 | 96449 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 989 |
| 264 | T4 | 8 | 96449 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 988 |
| 265 | T4 | 8 | 96449 | 278245 | 17 | 1 | 1099579 AA | | 105 P | P | | 1021 |
| 266 | T4 | 8 | 96449 | 278245 | 17 | 1 | 1099579 AA | | 105 P | P | | 1020 |
| 267 | T4 | 8 | 96449 | 278245 | 17 | 3 | 1098942 AA | | 105 P | P | | 1009 |
| 268 | T4 | 8 | 96449 | 278245 | 17 | 3 | 1098942 AA | | 105 P | P | | 1008 |
| 269 | T4 | 8 | 96449 | 278245 | 17 | 1 | 1098942 AA | | 105 P | P | | 1007 |
| 270 | T4 | 8 | 96449 | 278245 | 17 | 1 | 1098822 AA | | 105 P | P | | 1006 |
| 271 | T4 | 8 | 96449 | 278245 | 17 | 2 | 1099579 AA | | 105 P | P | | 970 |
| 272 | T4 | 8 | 98150 | 278245 | 17 | 1 | 1098942 AA | | 105 P | P | | 1005 |
| 273 | T4 | 8 | 98150 | 278245 | 17 | 1 | 1098942 AA | | 105 P | P | | 1004 |
| 274 | T4 | 8 | 98150 | 278245 | 17 | 2 | 1098942 AA | | 105 P | P | | 1003 |
| 275 | T4 | 8 | 98150 | 278245 | 17 | 2 | 1098942 AA | | 105 P | P | | 1002 |
| 276 | T4 | 8 | 98150 | 278245 | 17 | 4 | 1098942 AA | | 105 P | P | | 1001 |
| 277 | T4 | 8 | 98150 | 278245 | 17 | 4 | 1098942 AA | | 105 P | P | | 1000 |
| 278 | T4 | 8 | 98150 | 278245 | 17 | 1 | 1098942 AA | | 105 P | P | | 999 |
| 279 | T4 | 8 | 98150 | 278245 | 17 | 2 | 1098942 AA | | 105 P | P | | 998 |
| 280 | T4 | 8 | 98150 | 278245 | 17 | 1 | 1098822 AA | | 105 P | P | | 997 |
| 281 | T4 | 8 | 98150 | 278245 | 17 | 1 | 1098822 AA | | 105 P | P | | 996 |
| 282 | T4 | 8 | 98150 | 278245 | 17 | 2 | 1098822 AA | | 105 P | P | | 995 |
| 283 | T4 | 8 | 98150 | 278245 | 17 | 2 | 1098822 AA | | 105 P | P | | 994 |
| 284 | T4 | 8 | 98150 | 278245 | 17 | 4 | 1098822 AA | | 105 P | P | | 993 |
| 285 | T4 | 8 | 98150 | 278245 | 17 | 4 | 1098822 AA | | 105 P | P | | 992 |
| 286 | T4 | 8 | 98150 | 278245 | 17 | 1 | 1098822 AA | | 105 P | P | | 991 |
| 287 | T4 | 8 | 98150 | 278245 | 17 | 2 | 1098822 AA | | 105 P | P | | 990 |
| 288 | T4 | 8 | 93264 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 780 |
| 289 | T4 | 8 | 93264 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 778 |
| 290 | T4 | 8 | 93264 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 777 |
| 291 | T4 | 8 | 93264 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 776 |
| 292 | T4 | 8 | 93264 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 775 |
| 293 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1001284 AA | | 105 P | P | | 1060 |
| 294 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1001284 AA | | 105 P | P | | 1059 |
| 295 | T4 | 8 | 93264 | 280332 | 17 | 2 | 1098822 AA | | 105 P | P | | 1049 |
| 296 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1001284 AA | | 105 P | P | | 1048 |
| 297 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1036 |
| 298 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1035 |
| 299 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1034 |
| 300 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1033 |
| 301 | T4 | 8 | 93264 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1032 |
| 302 | T4 | 8 | 93263 | 279208 | 17 | 2 | 1098828 AA | | 105 P | P | | 1004 |
| 303 | T4 | 8 | 93264 | 279208 | 17 | 2 | 1098822 AA | | 105 P | P | | 1003 |
| 304 | T4 | 8 | 93264 | 279208 | 17 | 2 | 1098942 AA | | 105 P | P | | 1002 |
| 305 | T4 | 8 | 93263 | 279208 | 17 | 2 | 1099579 AA | | 105 P | P | | 993 |
| 306 | T4 | 8 | 93264 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 992 |
| 307 | T4 | 8 | 93264 | 279208 | 17 | 2 | 1099579 AA | | 105 P | P | | 991 |
| 308 | T4 | 8 | 93264 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 990 |
| 309 | T4 | 8 | 93264 | 278245 | 17 | 1 | 1099579 AA | | 105 P | P | | 1019 |
| 310 | T4 | 8 | 93264 | 278245 | 17 | 1 | 1099579 AA | | 105 P | P | | 1018 |
| 311 | T4 | 8 | 93264 | 278245 | 17 | 3 | 1099579 AA | | 105 P | P | | 1017 |
| 312 | T4 | 8 | 93264 | 278245 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1016 |
| 313 | T4 | 8 | 93264 | 278245 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1015 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|-----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 314 | Plant | 345 | 1140 | 20 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 315 | Plant | 345 | 1140 | 81 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Exchange 001 |
| 316 | Plant | 345 | 1140 | 81 | 8/1/2017 | 1824 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter exchange 001 |
| 317 | Plant | 345 | 1140 | 81 | 8/1/2017 | 1824 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 318 | Plant | 345 | 1140 | 163 | 8/1/2017 | 1824 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 319 | Plant | 345 | 1140 | 81 | 8/1/2017 | 1824 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 320 | Plant | 345 | 1140 | 41 | 8/1/2017 | 1824 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 321 | Plant | 345 | 1140 | 41 | 8/1/2017 | 1824 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 322 | Plant | 345 | 1140 | 41 | 8/1/2017 | 1824 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 323 | Plant | 345 | 1140 | 81 | 8/1/2017 | 1824 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 324 | Plant | 345 | 1135 | 163 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | METERS | | New Meter Install 001 |
| 325 | Plant | 345 | 1130 | 20 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Mboro 00 |
| 326 | Plant | 345 | 1130 | 20 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Mboro 00 |
| 327 | Plant | 345 | 1130 | 122 | 8/29/2017 | 1833 | Captive | Onkst, James H. | WATER SERVICE LINES | | REPLACE/STOP/BOX 00 |
| 328 | Plant | 345 | 1130 | 20 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Clinton Meter Box Lids 00 |
| 329 | Plant | 345 | 1130 | 20 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Mboro 00 |
| 330 | Plant | 345 | 1130 | 163 | 8/15/2017 | 1830 | Captive | Onkst, James H. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 331 | Plant | 345 | 1130 | 163 | 8/15/2017 | 1830 | Captive | Onkst, James H. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 332 | Plant | 345 | 1130 | 81 | 8/15/2017 | 1830 | Captive | Onkst, James H. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 333 | Plant | 345 | 1130 | 183 | 8/15/2017 | 1830 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 334 | Plant | 345 | 1130 | 163 | 8/15/2017 | 1830 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 335 | Plant | 345 | 1130 | 163 | 8/15/2017 | 1830 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 336 | Plant | 345 | 1130 | 81 | 8/15/2017 | 1830 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 337 | Plant | 345 | 1130 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Service Line Materials 001 |
| 338 | Plant | 345 | 1130 | 81 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Installation 00 |
| 339 | Plant | 345 | 1130 | 81 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Replaced Meter yoke sette |
| 340 | Plant | 345 | 1130 | 81 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Replaced Meter yoke sette |
| 341 | Plant | 345 | 1130 | 163 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Install new Tap & service00 |
| 342 | Plant | 345 | 1130 | 81 | 8/1/2017 | 1824 | Captive | Onkst, James H. | WATER SERVICE LINES | | replaced metter yoak 00 |
| 343 | Plant | 345 | 1130 | 81 | 8/1/2017 | 1824 | Captive | Onkst, James H. | WATER SERVICE LINES | | replaced metter yoak 00 |
| 344 | Plant | 345 | 1130 | 163 | 8/1/2017 | 1824 | Captive | Onkst, James H. | WATER SERVICE LINES | | install new tap an servic00 |
| 345 | Plant | 345 | 1125 | 163 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 346 | Plant | 345 | 1125 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 347 | Plant | 345 | 1125 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 348 | Plant | 345 | 1125 | 81 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 349 | Plant | 345 | 1125 | 41 | 8/31/2017 | 1836 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 350 | Plant | 345 | 1125 | 81 | 8/29/2017 | 1833 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 351 | Plant | 345 | 1125 | 204 | 8/29/2017 | 1833 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 352 | Plant | 345 | 1125 | 204 | 8/29/2017 | 1833 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 353 | Plant | 345 | 1125 | 204 | 8/29/2017 | 1833 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 354 | Plant | 345 | 1125 | 326 | 8/29/2017 | 1833 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 355 | Plant | 345 | 1125 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 356 | Plant | 345 | 1125 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 357 | Plant | 345 | 1125 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 358 | Plant | 345 | 1125 | 81 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 359 | Plant | 345 | 1125 | 81 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 360 | Plant | 345 | 1125 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Replacement |
| 361 | Plant | 345 | 1125 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Replacement |
| 362 | Plant | 345 | 1115 | 81 | 8/15/2017 | 1830 | Captive | Turner, John R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Changed tubs in chem feed |
| 363 | Plant | 345 | 1115 | 41 | 8/15/2017 | 1830 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 364 | Plant | 345 | 1115 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Replaced Air Compressor C |
| 365 | Plant | 345 | 1115 | 81 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Replaced Air Compressor C |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 314 | T4 | 8 | 93264 | 278245 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1014 |
| 315 | T4 | 8 | 93264 | 278245 | 17 | 2 | 1098942 AA | | 105 P | P | | 989 |
| 316 | T4 | 8 | 93264 | 278245 | 17 | 2 | 1098822 AA | | 105 P | P | | 988 |
| 317 | T4 | 8 | 93264 | 278245 | 17 | 2 | 1001142 AA | | 105 P | P | | 986 |
| 318 | T4 | 8 | 93264 | 278245 | 17 | 4 | 1001142 AA | | 105 P | P | | 985 |
| 319 | T4 | 8 | 93264 | 278245 | 17 | 2 | 1001142 AA | | 105 P | P | | 984 |
| 320 | T4 | 8 | 93264 | 278245 | 17 | 1 | 1001284 AA | | 105 P | P | | 983 |
| 321 | T4 | 8 | 93264 | 278245 | 17 | 1 | 1001284 AA | | 105 P | P | | 982 |
| 322 | T4 | 8 | 93264 | 278245 | 17 | 1 | 1001284 AA | | 105 P | P | | 981 |
| 323 | T4 | 8 | 93264 | 278245 | 17 | 2 | 1001284 AA | | 105 P | P | | 980 |
| 324 | T4 | 8 | 97906 | 278245 | 17 | 4 | 1099579 AA | | 105 P | P | | 1013 |
| 325 | T4 | 8 | 96128 | 280335 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 779 |
| 326 | T4 | 8 | 96128 | 280335 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 774 |
| 327 | T4 | 8 | 96128 | 280332 | 17 | 3 | 1098822 AA | | 105 P | P | | 1050 |
| 328 | T4 | 8 | 96127 | 280332 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1038 |
| 329 | T4 | 8 | 96128 | 280332 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1037 |
| 330 | T4 | 8 | 96128 | 279208 | 17 | 4 | 1098822 AA | | 105 P | P | | 1011 |
| 331 | T4 | 8 | 96128 | 279208 | 17 | 4 | 1098822 AA | | 105 P | P | | 1010 |
| 332 | T4 | 8 | 96128 | 279208 | 17 | 2 | 1098822 AA | | 105 P | P | | 1009 |
| 333 | T4 | 8 | 96128 | 279208 | 17 | 4.5 | 1098942 AA | | 105 P | P | | 1008 |
| 334 | T4 | 8 | 96128 | 279208 | 17 | 4 | 1098942 AA | | 105 P | P | | 1007 |
| 335 | T4 | 8 | 96128 | 279208 | 17 | 4 | 1098942 AA | | 105 P | P | | 1006 |
| 336 | T4 | 8 | 96128 | 279208 | 17 | 2 | 1098942 AA | | 105 P | P | | 1005 |
| 337 | T4 | 8 | 96128 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 995 |
| 338 | T4 | 8 | 96128 | 279208 | 17 | 2 | 1099579 AA | | 105 P | P | | 994 |
| 339 | T4 | 8 | 96128 | 278245 | 17 | 2 | 1098942 AA | | 105 P | P | | 987 |
| 340 | T4 | 8 | 96128 | 278245 | 17 | 2 | 1098942 AA | | 105 P | P | | 979 |
| 341 | T4 | 8 | 96128 | 278245 | 17 | 4 | 1098942 AA | | 105 P | P | | 978 |
| 342 | T4 | 8 | 96128 | 278245 | 17 | 2 | 1098822 AA | | 105 P | P | | 977 |
| 343 | T4 | 8 | 96128 | 278245 | 17 | 2 | 1098822 AA | | 105 P | P | | 976 |
| 344 | T4 | 8 | 96128 | 278245 | 17 | 4 | 1098822 AA | | 105 P | P | | 975 |
| 345 | T4 | 8 | 91928 | 280335 | 17 | 4 | 1099579 AA | | 105 P | P | | 773 |
| 346 | T4 | 8 | 91928 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 772 |
| 347 | T4 | 8 | 91928 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 771 |
| 348 | T4 | 8 | 91928 | 280335 | 17 | 2 | 1099579 AA | | 105 P | P | | 770 |
| 349 | T4 | 8 | 91928 | 280335 | 17 | 1 | 1099579 AA | | 105 P | P | | 769 |
| 350 | T4 | 8 | 91928 | 280332 | 17 | 2 | 1098822 AA | | 105 P | P | | 1055 |
| 351 | T4 | 8 | 91928 | 280332 | 17 | 5 | 1098942 AA | | 105 P | P | | 1054 |
| 352 | T4 | 8 | 91928 | 280332 | 17 | 5 | 1098942 AA | | 105 P | P | | 1053 |
| 353 | T4 | 8 | 91928 | 280332 | 17 | 5 | 1098942 AA | | 105 P | P | | 1052 |
| 354 | T4 | 8 | 91928 | 280332 | 17 | 8 | 1098942 AA | | 105 P | P | | 1051 |
| 355 | T4 | 8 | 91928 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1043 |
| 356 | T4 | 8 | 91928 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1042 |
| 357 | T4 | 8 | 91928 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1041 |
| 358 | T4 | 8 | 91928 | 280332 | 17 | 2 | 1099579 AA | | 105 P | P | | 1040 |
| 359 | T4 | 8 | 91928 | 280332 | 17 | 2 | 1099579 AA | | 105 P | P | | 1039 |
| 360 | T4 | 8 | 91928 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 997 |
| 361 | T4 | 8 | 91928 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 996 |
| 362 | T4 | 8 | 92929 | 279208 | 17 | 2 | 1098828 AA | | 105 P | P | | 1013 |
| 363 | T4 | 8 | 92930 | 279208 | 17 | 1 | 1098825 AA | | 105 P | P | | 1012 |
| 364 | T4 | 8 | 92930 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 999 |
| 365 | T4 | 8 | 92930 | 279208 | 17 | 2 | 1099579 AA | | 105 P | P | | 998 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 366 | Plant | 345 | 1105 | 81 | 8/29/2017 | 1833 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 367 | Plant | 345 | 1105 | 163 | 8/29/2017 | 1833 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 368 | Plant | 345 | 1105 | 326 | 8/29/2017 | 1833 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 369 | Plant | 345 | 1105 | 244 | 8/29/2017 | 1833 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 370 | Plant | 345 | 1105 | 163 | 8/15/2017 | 1830 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 371 | Plant | 345 | 1105 | 81 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Electrical work at WTP 001 |
| 372 | Plant | 345 | 1105 | 41 | 8/15/2017 | 1830 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Electrical work at WTP 001 |
| 373 | Plant | 345 | 1105 | 204 | 8/15/2017 | 1830 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 374 | Plant | 345 | 1105 | 81 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Unlock Gate for Contracto |
| 375 | Plant | 345 | 1105 | 61 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Made decision on structur |
| 376 | Plant | 345 | 1105 | 20 | 8/1/2017 | 1824 | Captive | Partin, Michael W. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Unlock Gate for Contracto |
| 377 | Plant | 345 | 1055 | 41 | 8/29/2017 | 1833 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 378 | Plant | 345 | 1055 | 81 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates Mboro WTP |
| 379 | Plant | 345 | 1055 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates Mboro WTP |
| 380 | Plant | 345 | 1055 | 81 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates Mboro WTP |
| 381 | Plant | 345 | 1055 | 41 | 8/29/2017 | 1833 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Security Gates Mboro WTP |
| 382 | Plant | 345 | 1055 | 163 | 8/15/2017 | 1830 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 383 | Plant | 345 | 1055 | 20 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | New Roof Drain System W |
| 384 | Plant | 345 | 1055 | 20 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | New Roof Drain System W |
| 385 | Plant | 345 | 1055 | 41 | 8/1/2017 | 1824 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | New Roof Drain System W |
| 386 | Plant | 345 | 1050 | 41 | 8/1/2017 | 1824 | Captive | Mills, Wendell G. | STRUCT & IMPRV SRC SUPPLY | | Cap Asset 001 6 |
| 387 | Plant | 345 | 1050 | 41 | 8/1/2017 | 1824 | Captive | Mills, Wendell G. | STRUCT & IMPRV SRC SUPPLY | | Cap Asset 001 6 |
| 388 | Plant | 345 | 1050 | 41 | 8/1/2017 | 1824 | Captive | Mills, Wendell G. | STRUCT & IMPRV SRC SUPPLY | | Cap Asset 001 6 |
| 389 | Plant | 345 | 1145 | 346 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | HYDRANTS | | Installed Fire Hydrant 001 |
| 390 | Plant | 345 | 1145 | 122 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | HYDRANTS | | Installed Fire Hydrant 001 |
| 391 | Plant | 345 | 1145 | 346 | 7/18/2017 | 1818 | Captive | Onkst, James H. | HYDRANTS | | install a fire hyd, 001 6 |
| 392 | Plant | 345 | 1145 | 122 | 7/18/2017 | 1818 | Captive | Onkst, James H. | HYDRANTS | | install a fire hyd, 001 6 |
| 393 | Plant | 345 | 1145 | 326 | 7/15/2017 | 1815 | Captive | Leonard, James R. | HYDRANTS | | Install new Fire Hydrant-001 |
| 394 | Plant | 345 | 1145 | 81 | 7/15/2017 | 1815 | Captive | Leonard, James R. | HYDRANTS | | Install new Fire Hydrant-001 |
| 395 | Plant | 345 | 1140 | 41 | 7/18/2017 | 1818 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 396 | Plant | 345 | 1140 | 20 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 397 | Plant | 345 | 1140 | 20 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 398 | Plant | 345 | 1140 | 20 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 399 | Plant | 345 | 1140 | 41 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 400 | Plant | 345 | 1140 | 20 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 401 | Plant | 345 | 1140 | 41 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 402 | Plant | 345 | 1140 | 41 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 403 | Plant | 345 | 1140 | 20 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 404 | Plant | 345 | 1140 | 41 | 7/18/2017 | 1818 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 405 | Plant | 345 | 1140 | 20 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 406 | Plant | 345 | 1140 | 81 | 7/18/2017 | 1818 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 407 | Plant | 345 | 1140 | 163 | 7/15/2017 | 1815 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Exchange 001 |
| 408 | Plant | 345 | 1140 | 81 | 7/15/2017 | 1815 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Exchange 001 |
| 409 | Plant | 345 | 1140 | 163 | 7/15/2017 | 1815 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 410 | Plant | 345 | 1140 | 81 | 7/15/2017 | 1815 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 411 | Plant | 345 | 1140 | 81 | 7/4/2017 | 1812 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 412 | Plant | 345 | 1140 | 81 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 413 | Plant | 345 | 1140 | 163 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 414 | Plant | 345 | 1140 | 41 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 001 |
| 415 | Plant | 345 | 1140 | 20 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 416 | Plant | 345 | 1140 | 163 | 7/4/2017 | 1812 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 417 | Plant | 345 | 1140 | 122 | 7/4/2017 | 1812 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 366 | T4 | 8 | 91260 | 280332 | 17 | 2 | 1098825 AA | | 105 P | P | | 1057 |
| 367 | T4 | 8 | 91260 | 280332 | 17 | 4 | 1098825 AA | | 105 P | P | | 1056 |
| 368 | T4 | 8 | 91260 | 280332 | 17 | 8 | 1001177 AA | | 105 P | P | | 1030 |
| 369 | T4 | 8 | 91260 | 280332 | 17 | 6 | 1001177 AA | | 105 P | P | | 1029 |
| 370 | T4 | 8 | 91260 | 279208 | 17 | 4 | 1098825 AA | | 105 P | P | | 1014 |
| 371 | T4 | 8 | 91260 | 279208 | 17 | 2 | 1099579 AA | | 105 P | P | | 1001 |
| 372 | T4 | 8 | 91260 | 279208 | 17 | 1 | 1099579 AA | | 105 P | P | | 1000 |
| 373 | T4 | 8 | 91260 | 279208 | 17 | 5 | 1001177 AA | | 105 P | P | | 987 |
| 374 | T4 | 8 | 91260 | 278245 | 17 | 2 | 1098942 AA | | 105 P | P | | 974 |
| 375 | T4 | 8 | 91260 | 278245 | 17 | 1.5 | 1098942 AA | | 105 P | P | | 973 |
| 376 | T4 | 8 | 91260 | 278245 | 17 | 0.5 | 1098942 AA | | 105 P | P | | 972 |
| 377 | T4 | 8 | 92262 | 280332 | 17 | 1 | 1098825 AA | | 105 P | P | | 1058 |
| 378 | T4 | 8 | 92262 | 280332 | 17 | 2 | 1099579 AA | | 105 P | P | | 1047 |
| 379 | T4 | 8 | 92262 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1046 |
| 380 | T4 | 8 | 92262 | 280332 | 17 | 2 | 1099579 AA | | 105 P | P | | 1045 |
| 381 | T4 | 8 | 92262 | 280332 | 17 | 1 | 1099579 AA | | 105 P | P | | 1044 |
| 382 | T4 | 8 | 92262 | 279208 | 17 | 4 | 1098825 AA | | 105 P | P | | 1015 |
| 383 | T4 | 8 | 92262 | 278245 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1012 |
| 384 | T4 | 8 | 92262 | 278245 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1011 |
| 385 | T4 | 8 | 92262 | 278245 | 17 | 1 | 1099579 AA | | 105 P | P | | 1010 |
| 386 | T4 | 8 | 95165 | 278245 | 17 | 1 | 1098825 AA | | 105 P | P | | 1022 |
| 387 | T4 | 8 | 95165 | 278245 | 17 | 1 | 1098825 AA | | 105 P | P | | 971 |
| 388 | T4 | 8 | 95165 | 278245 | 17 | 1 | 1098825 AA | | 105 P | P | | 969 |
| 389 | T4 | 7 | 98150 | 277259 | 17 | 8.5 | 1098942 AA | | 105 P | P | | 915 |
| 390 | T4 | 7 | 98150 | 277259 | 17 | 3 | 1098942 AA | | 105 P | P | | 914 |
| 391 | T4 | 7 | 98150 | 277259 | 17 | 8.5 | 1098822 AA | | 105 P | P | | 913 |
| 392 | T4 | 7 | 98150 | 277259 | 17 | 3 | 1098822 AA | | 105 P | P | | 912 |
| 393 | T4 | 7 | 98150 | 276226 | 17 | 8 | 1099720 AA | | 105 P | P | | 575 |
| 394 | T4 | 7 | 98150 | 276226 | 17 | 2 | 1099720 AA | | 105 P | P | | 571 |
| 395 | T4 | 7 | 93264 | 277259 | 17 | 1 | 1001142 AA | | 105 P | P | | 930 |
| 396 | T4 | 7 | 93264 | 277259 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 929 |
| 397 | T4 | 7 | 93264 | 277259 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 928 |
| 398 | T4 | 7 | 93264 | 277259 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 927 |
| 399 | T4 | 7 | 93264 | 277259 | 17 | 1 | 1099579 AA | | 105 P | P | | 926 |
| 400 | T4 | 7 | 93264 | 277259 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 925 |
| 401 | T4 | 7 | 93263 | 277259 | 17 | 1 | 1099579 AA | | 105 P | P | | 924 |
| 402 | T4 | 7 | 93263 | 277259 | 17 | 1 | 1099579 AA | | 105 P | P | | 923 |
| 403 | T4 | 7 | 93263 | 277259 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 922 |
| 404 | T4 | 7 | 93264 | 277259 | 17 | 1 | 1001142 AA | | 105 P | P | | 893 |
| 405 | T4 | 7 | 93264 | 277259 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 892 |
| 406 | T4 | 7 | 93264 | 277259 | 17 | 2 | 1001142 AA | | 105 P | P | | 891 |
| 407 | T4 | 7 | 93263 | 276226 | 17 | 4 | 1099720 AA | | 105 P | P | | 579 |
| 408 | T4 | 7 | 93263 | 276226 | 17 | 2 | 1099720 AA | | 105 P | P | | 574 |
| 409 | T4 | 7 | 93264 | 276226 | 17 | 4 | 1099720 AA | | 105 P | P | | 573 |
| 410 | T4 | 7 | 93264 | 276226 | 17 | 2 | 1099720 AA | | 105 P | P | | 572 |
| 411 | T4 | 7 | 93264 | 275892 | 17 | 2 | 1001142 AA | | 105 P | P | | 959 |
| 412 | T4 | 7 | 93264 | 275892 | 17 | 2 | 1099579 AA | | 105 P | P | | 958 |
| 413 | T4 | 7 | 93264 | 275892 | 17 | 4 | 1099579 AA | | 105 P | P | | 957 |
| 414 | T4 | 7 | 93264 | 275892 | 17 | 1 | 1099579 AA | | 105 P | P | | 956 |
| 415 | T4 | 7 | 93263 | 275892 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 955 |
| 416 | T4 | 7 | 93264 | 275892 | 17 | 4 | 1001284 AA | | 105 P | P | | 935 |
| 417 | T4 | 7 | 93264 | 275892 | 17 | 3 | 1001284 AA | | 105 P | P | | 934 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|--------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 418 | Plant | 345 | 1140 | 163 | 7/4/2017 | 1812 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 419 | Plant | 345 | 1140 | 81 | 7/4/2017 | 1812 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 420 | Plant | 345 | 1140 | 81 | 7/4/2017 | 1812 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 421 | Plant | 345 | 1140 | 81 | 7/4/2017 | 1812 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 422 | Plant | 345 | 1140 | 122 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 423 | Plant | 345 | 1130 | 326 | 7/18/2017 | 1818 | Captive | Rushing, Ronald | WATER SERVICE LINES | | Cap Asset 001 6 |
| 424 | Plant | 345 | 1130 | 346 | 7/18/2017 | 1818 | Captive | Rushing, Ronald | WATER SERVICE LINES | | Cap Asset 001 6 |
| 425 | Plant | 345 | 1130 | 244 | 7/18/2017 | 1818 | Captive | Turner, John R. | WATER SERVICE LINES | | Replaced service line 001 |
| 426 | Plant | 345 | 1130 | 20 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service 001 6 |
| 427 | Plant | 345 | 1130 | 102 | 7/4/2017 | 1812 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Kill out 6" fire protecti001 6 |
| 428 | Plant | 345 | 1130 | 122 | 7/4/2017 | 1812 | Captive | Partin, Michael W. | WATER SERVICE LINES | | repaired leak on Sherwood |
| 429 | Plant | 345 | 1130 | 102 | 7/4/2017 | 1812 | Captive | Onkst, James H. | WATER SERVICE LINES | | plug 6" tee 001 6 |
| 430 | Plant | 345 | 1125 | 81 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Fittings order0 |
| 431 | Plant | 345 | 1125 | 41 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Instalation 00 |
| 432 | Plant | 345 | 1125 | 81 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Instalation 00 |
| 433 | Plant | 345 | 1125 | 41 | 7/18/2017 | 1818 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Water Main Instalation 00 |
| 434 | Plant | 345 | 1125 | 81 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main SECC 00 |
| 435 | Plant | 345 | 1125 | 81 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main SECC 00 |
| 436 | Plant | 345 | 1125 | 81 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main SECC 00 |
| 437 | Plant | 345 | 1125 | 20 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main SECC 00 |
| 438 | Plant | 345 | 1125 | 20 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main SECC 00 |
| 439 | Plant | 345 | 1125 | 204 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main SECC 00 |
| 440 | Plant | 345 | 1125 | 61 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main Food Cit0 |
| 441 | Plant | 345 | 1125 | 651 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main Food Cit0 |
| 442 | Plant | 345 | 1125 | 122 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main Food Cit0 |
| 443 | Plant | 345 | 1125 | 122 | 7/18/2017 | 1818 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Relocate 6" main Food Cit0 |
| 444 | Plant | 345 | 1125 | 163 | 7/18/2017 | 1818 | Captive | Johnson, Harvey H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Took BWA samples. 00 |
| 445 | Plant | 345 | 1125 | 672 | 7/18/2017 | 1818 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | relocate 6" water main 00 |
| 446 | Plant | 345 | 1125 | 326 | 7/15/2017 | 1815 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Re-lay 60 ft-6 in. main 001 |
| 447 | Plant | 345 | 1125 | 163 | 7/15/2017 | 1815 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Re-lay 60 ft-6 in. main 001 |
| 448 | Plant | 345 | 1125 | 81 | 7/15/2017 | 1815 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Re-lay 60 ft-6 in. main 001 |
| 449 | Plant | 345 | 1125 | 122 | 7/4/2017 | 1812 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Repaired leak 2309 Winche |
| 450 | Plant | 345 | 1125 | 122 | 7/4/2017 | 1812 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | 2309 win leak 001 6 |
| 451 | Plant | 345 | 1125 | 122 | 7/4/2017 | 1812 | Captive | Raines, Thomas | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 452 | Plant | 345 | 1115 | 81 | 7/18/2017 | 1818 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 453 | Plant | 345 | 1115 | 122 | 7/18/2017 | 1818 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 454 | Plant | 345 | 1115 | 41 | 7/4/2017 | 1812 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 455 | Plant | 345 | 1115 | 81 | 7/4/2017 | 1812 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 456 | Plant | 345 | 1115 | 81 | 7/4/2017 | 1812 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 457 | Plant | 345 | 1115 | 448 | 7/4/2017 | 1812 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 458 | Plant | 345 | 1115 | 407 | 7/4/2017 | 1812 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 459 | Plant | 345 | 1115 | 244 | 7/4/2017 | 1812 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 460 | Plant | 345 | 1115 | 407 | 7/4/2017 | 1812 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 461 | Plant | 345 | 1115 | 163 | 7/4/2017 | 1812 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 462 | Plant | 345 | 1115 | 407 | 7/4/2017 | 1812 | Captive | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 463 | Plant | 345 | 1105 | 163 | 7/18/2017 | 1818 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 464 | Plant | 345 | 1105 | 41 | 7/18/2017 | 1818 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 465 | Plant | 345 | 1105 | 81 | 7/18/2017 | 1818 | Captive | Johnson, Harvey H. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Actuators. 001 6 |
| 466 | Plant | 345 | 1105 | 163 | 7/4/2017 | 1812 | Captive | Johnson, Harvey H. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 467 | Plant | 345 | 1105 | 163 | 7/4/2017 | 1812 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 468 | Plant | 345 | 1055 | 81 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mboro WTP Drain Replacem |
| 469 | Plant | 345 | 1055 | 81 | 7/4/2017 | 1812 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mboro WTP Drain Replacem |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 418 | T4 | 7 | 93264 | 275892 | 17 | 4 | 1001284 AA | | 105 P | P | | 933 |
| 419 | T4 | 7 | 93264 | 275892 | 17 | 2 | 1001142 AA | | 105 P | P | | 929 |
| 420 | T4 | 7 | 93264 | 275892 | 17 | 2 | 1001142 AA | | 105 P | P | | 928 |
| 421 | T4 | 7 | 93264 | 275892 | 17 | 2 | 1001142 AA | | 105 P | P | | 927 |
| 422 | T4 | 7 | 93264 | 275892 | 17 | 3 | 1099579 AA | | 105 P | P | | 926 |
| 423 | T4 | 7 | 96127 | 277259 | 17 | 8 | 1099936 AA | | 105 P | P | | 921 |
| 424 | T4 | 7 | 96127 | 277259 | 17 | 8.5 | 1099936 AA | | 105 P | P | | 920 |
| 425 | T4 | 7 | 96127 | 277259 | 17 | 6 | 1098828 AA | | 105 P | P | | 911 |
| 426 | T4 | 7 | 96128 | 275892 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 954 |
| 427 | T4 | 7 | 96128 | 275892 | 17 | 2.5 | 1098942 AA | | 105 P | P | | 951 |
| 428 | T4 | 7 | 96128 | 275892 | 17 | 3 | 1098942 AA | | 105 P | P | | 950 |
| 429 | T4 | 7 | 96128 | 275892 | 17 | 2.5 | 1098822 AA | | 105 P | P | | 949 |
| 430 | T4 | 7 | 91928 | 277259 | 17 | 2 | 1099579 AA | | 105 P | P | | 919 |
| 431 | T4 | 7 | 91928 | 277259 | 17 | 1 | 1099579 AA | | 105 P | P | | 918 |
| 432 | T4 | 7 | 91928 | 277259 | 17 | 2 | 1099579 AA | | 105 P | P | | 917 |
| 433 | T4 | 7 | 91928 | 277259 | 17 | 1 | 1099579 AA | | 105 P | P | | 916 |
| 434 | T4 | 7 | 91928 | 277259 | 17 | 2 | 1098942 AA | | 105 P | P | | 910 |
| 435 | T4 | 7 | 91928 | 277259 | 17 | 2 | 1098942 AA | | 105 P | P | | 909 |
| 436 | T4 | 7 | 91928 | 277259 | 17 | 2 | 1098942 AA | | 105 P | P | | 908 |
| 437 | T4 | 7 | 91928 | 277259 | 17 | 0.5 | 1098942 AA | | 105 P | P | | 907 |
| 438 | T4 | 7 | 91928 | 277259 | 17 | 0.5 | 1098942 AA | | 105 P | P | | 906 |
| 439 | T4 | 7 | 91928 | 277259 | 17 | 5 | 1098942 AA | | 105 P | P | | 905 |
| 440 | T4 | 7 | 91928 | 277259 | 17 | 1.5 | 1098942 AA | | 105 P | P | | 904 |
| 441 | T4 | 7 | 91928 | 277259 | 17 | 16 | 1098942 AA | | 105 P | P | | 903 |
| 442 | T4 | 7 | 91928 | 277259 | 17 | 3 | 1098942 AA | | 105 P | P | | 902 |
| 443 | T4 | 7 | 91928 | 277259 | 17 | 3 | 1098942 AA | | 105 P | P | | 901 |
| 444 | T4 | 7 | 91928 | 277259 | 17 | 4 | 1098821 AA | | 105 P | P | | 900 |
| 445 | T4 | 7 | 91928 | 277259 | 17 | 16.5 | 1098822 AA | | 105 P | P | | 899 |
| 446 | T4 | 7 | 91928 | 276226 | 17 | 8 | 1099720 AA | | 105 P | P | | 578 |
| 447 | T4 | 7 | 91928 | 276226 | 17 | 4 | 1099720 AA | | 105 P | P | | 577 |
| 448 | T4 | 7 | 91928 | 276226 | 17 | 2 | 1099720 AA | | 105 P | P | | 576 |
| 449 | T4 | 7 | 91928 | 275892 | 17 | 3 | 1098942 AA | | 105 P | P | | 948 |
| 450 | T4 | 7 | 91928 | 275892 | 17 | 3 | 1098822 AA | | 105 P | P | | 947 |
| 451 | T4 | 7 | 91928 | 275892 | 17 | 3 | 1001284 AA | | 105 P | P | | 932 |
| 452 | T4 | 7 | 92930 | 277259 | 17 | 2 | 1098825 AA | | 105 P | P | | 898 |
| 453 | T4 | 7 | 92930 | 277259 | 17 | 3 | 1098825 AA | | 105 P | P | | 897 |
| 454 | T4 | 7 | 92930 | 275892 | 17 | 1 | 1098825 AA | | 105 P | P | | 946 |
| 455 | T4 | 7 | 92930 | 275892 | 17 | 2 | 1098825 AA | | 105 P | P | | 945 |
| 456 | T4 | 7 | 92930 | 275892 | 17 | 2 | 1098825 AA | | 105 P | P | | 944 |
| 457 | T4 | 7 | 92930 | 275892 | 17 | 11 | 1001177 AA | | 105 P | P | | 941 |
| 458 | T4 | 7 | 92930 | 275892 | 17 | 10 | 1001177 AA | | 105 P | P | | 940 |
| 459 | T4 | 7 | 92930 | 275892 | 17 | 6 | 1001177 AA | | 105 P | P | | 939 |
| 460 | T4 | 7 | 92930 | 275892 | 17 | 10 | 1001177 AA | | 105 P | P | | 938 |
| 461 | T4 | 7 | 92930 | 275892 | 17 | 4 | 1001177 AA | | 105 P | P | | 937 |
| 462 | T4 | 7 | 92930 | 275892 | 17 | 10 | 1001177 AA | | 105 P | P | | 925 |
| 463 | T4 | 7 | 91260 | 277259 | 17 | 4 | 1098825 AA | | 105 P | P | | 896 |
| 464 | T4 | 7 | 91260 | 277259 | 17 | 1 | 1098825 AA | | 105 P | P | | 895 |
| 465 | T4 | 7 | 91260 | 277259 | 17 | 2 | 1098821 AA | | 105 P | P | | 894 |
| 466 | T4 | 7 | 91260 | 275892 | 17 | 4 | 1098821 AA | | 105 P | P | | 943 |
| 467 | T4 | 7 | 91260 | 275892 | 17 | 4 | 1001177 AA | | 105 P | P | | 936 |
| 468 | T4 | 7 | 92262 | 275892 | 17 | 2 | 1099579 AA | | 105 P | P | | 953 |
| 469 | T4 | 7 | 92262 | 275892 | 17 | 2 | 1099579 AA | | 105 P | P | | 952 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 470 | Plant | 345 | 1055 | 81 | 7/4/2017 | 1812 | Captime | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 471 | Plant | 345 | 1055 | 81 | 7/4/2017 | 1812 | Captime | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 472 | Plant | 345 | 1055 | 81 | 7/4/2017 | 1812 | Captime | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 473 | Plant | 345 | 1190 | 81 | 6/20/2017 | 1806 | Captime | Partin, Michael W. | TOOL SHOP & MISC EQPT | | Backhoe Door Repair 00 |
| 474 | Plant | 345 | 1190 | 81 | 6/20/2017 | 1806 | Captime | Onkst, James H. | TOOL SHOP & MISC EQPT | | repair backhole door 001 |
| 475 | Plant | 345 | 1140 | 163 | 6/30/2017 | 1809 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Exchange 0 |
| 476 | Plant | 345 | 1140 | 81 | 6/30/2017 | 1809 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Exchange 0 |
| 477 | Plant | 345 | 1140 | 163 | 6/30/2017 | 1809 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 478 | Plant | 345 | 1140 | 81 | 6/30/2017 | 1809 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 479 | Plant | 345 | 1140 | 81 | 6/20/2017 | 1806 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 480 | Plant | 345 | 1140 | 122 | 6/20/2017 | 1806 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 481 | Plant | 345 | 1140 | 81 | 6/20/2017 | 1806 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 482 | Plant | 345 | 1140 | 163 | 6/20/2017 | 1806 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Exchange 001 |
| 483 | Plant | 345 | 1140 | 41 | 6/20/2017 | 1806 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Exchange 001 |
| 484 | Plant | 345 | 1140 | 81 | 6/20/2017 | 1806 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Exchange 001 |
| 485 | Plant | 345 | 1140 | 122 | 6/20/2017 | 1806 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Testing 001 6 |
| 486 | Plant | 345 | 1140 | 163 | 6/20/2017 | 1806 | Captime | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter/exchanges 001 |
| 487 | Plant | 345 | 1140 | 122 | 6/20/2017 | 1806 | Captime | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter/exchanges 001 |
| 488 | Plant | 345 | 1140 | 41 | 6/20/2017 | 1806 | Captime | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Worked meter cards 00 |
| 489 | Plant | 345 | 1140 | 122 | 6/20/2017 | 1806 | Captime | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Worked meter cards 00 |
| 490 | Plant | 345 | 1140 | 163 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 491 | Plant | 345 | 1140 | 20 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 492 | Plant | 345 | 1140 | 81 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 493 | Plant | 345 | 1140 | 81 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 494 | Plant | 345 | 1140 | 81 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 495 | Plant | 345 | 1140 | 41 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 496 | Plant | 345 | 1140 | 20 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 497 | Plant | 345 | 1140 | 41 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 498 | Plant | 345 | 1140 | 20 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 499 | Plant | 345 | 1140 | 20 | 6/20/2017 | 1806 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Testing 001 |
| 500 | Plant | 345 | 1140 | 163 | 6/20/2017 | 1806 | Captime | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 501 | Plant | 345 | 1140 | 204 | 6/20/2017 | 1806 | Captime | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 502 | Plant | 345 | 1140 | 163 | 6/15/2017 | 1803 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 503 | Plant | 345 | 1140 | 41 | 6/15/2017 | 1803 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 504 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 505 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 506 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 507 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 508 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 509 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 510 | Plant | 345 | 1140 | 122 | 6/6/2017 | 1800 | Captime | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter test 001 6 |
| 511 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter test 001 6 |
| 512 | Plant | 345 | 1140 | 122 | 6/6/2017 | 1800 | Captime | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | meter test 001 6 |
| 513 | Plant | 345 | 1140 | 122 | 6/6/2017 | 1800 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Future AMR Meters 00 |
| 514 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | 2" & 1 1/2" Meter Testing0 |
| 515 | Plant | 345 | 1140 | 122 | 6/6/2017 | 1800 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | 2" & 1 1/2" Meter Testing0 |
| 516 | Plant | 345 | 1140 | 20 | 6/6/2017 | 1800 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 517 | Plant | 345 | 1140 | 20 | 6/6/2017 | 1800 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 518 | Plant | 345 | 1140 | 20 | 6/6/2017 | 1800 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 519 | Plant | 345 | 1140 | 41 | 6/6/2017 | 1800 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 520 | Plant | 345 | 1140 | 41 | 6/6/2017 | 1800 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 521 | Plant | 345 | 1140 | 20 | 6/6/2017 | 1800 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 470 | T4 | 7 | 92262 | 275892 | 17 | 2 | 1098825 AA | | 105 P | P | | 942 |
| 471 | T4 | 7 | 92262 | 275892 | 17 | 2 | 1098825 AA | | 105 P | P | | 931 |
| 472 | T4 | 7 | 92262 | 275892 | 17 | 2 | 1098825 AA | | 105 P | P | | 930 |
| 473 | T4 | 6 | 96449 | 274011 | 17 | 2 | 1098942 AA | | 105 P | P | | 1084 |
| 474 | T4 | 6 | 96449 | 274011 | 17 | 2 | 1098822 AA | | 105 P | P | | 1083 |
| 475 | T4 | 6 | 93263 | 274606 | 17 | 4 | 1099720 AA | | 102 P | P | | 798 |
| 476 | T4 | 6 | 93263 | 274606 | 17 | 2 | 1099720 AA | | 102 P | P | | 797 |
| 477 | T4 | 6 | 93264 | 274606 | 17 | 4 | 1099720 AA | | 102 P | P | | 796 |
| 478 | T4 | 6 | 93264 | 274606 | 17 | 2 | 1099720 AA | | 102 P | P | | 795 |
| 479 | T4 | 6 | 93264 | 274011 | 17 | 2 | 1001142 AA | | 105 P | P | | 1087 |
| 480 | T4 | 6 | 93264 | 274011 | 17 | 3 | 1001142 AA | | 105 P | P | | 1086 |
| 481 | T4 | 6 | 93264 | 274011 | 17 | 2 | 1001142 AA | | 105 P | P | | 1085 |
| 482 | T4 | 6 | 93264 | 274011 | 17 | 4 | 1098942 AA | | 105 P | P | | 1082 |
| 483 | T4 | 6 | 93264 | 274011 | 17 | 1 | 1098942 AA | | 105 P | P | | 1081 |
| 484 | T4 | 6 | 93264 | 274011 | 17 | 2 | 1098942 AA | | 105 P | P | | 1080 |
| 485 | T4 | 6 | 93264 | 274011 | 17 | 3 | 1098942 AA | | 105 P | P | | 1079 |
| 486 | T4 | 6 | 93264 | 274011 | 17 | 4 | 1098822 AA | | 105 P | P | | 1078 |
| 487 | T4 | 6 | 93264 | 274011 | 17 | 3 | 1098822 AA | | 105 P | P | | 1077 |
| 488 | T4 | 6 | 93263 | 274011 | 17 | 1 | 1098828 AA | | 105 P | P | | 1076 |
| 489 | T4 | 6 | 93263 | 274011 | 17 | 3 | 1098828 AA | | 105 P | P | | 1075 |
| 490 | T4 | 6 | 93264 | 274011 | 17 | 4 | 1099579 AA | | 105 P | P | | 1073 |
| 491 | T4 | 6 | 93264 | 274011 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1072 |
| 492 | T4 | 6 | 93264 | 274011 | 17 | 2 | 1099579 AA | | 105 P | P | | 1071 |
| 493 | T4 | 6 | 93264 | 274011 | 17 | 2 | 1099579 AA | | 105 P | P | | 1070 |
| 494 | T4 | 6 | 93264 | 274011 | 17 | 2 | 1099579 AA | | 105 P | P | | 1069 |
| 495 | T4 | 6 | 93264 | 274011 | 17 | 1 | 1099579 AA | | 105 P | P | | 1068 |
| 496 | T4 | 6 | 93263 | 274011 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1067 |
| 497 | T4 | 6 | 93263 | 274011 | 17 | 1 | 1099579 AA | | 105 P | P | | 1066 |
| 498 | T4 | 6 | 93263 | 274011 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1065 |
| 499 | T4 | 6 | 93263 | 274011 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1064 |
| 500 | T4 | 6 | 93263 | 274011 | 17 | 4 | 1099936 AA | | 105 P | P | | 1063 |
| 501 | T4 | 6 | 93263 | 274011 | 17 | 5 | 1099936 AA | | 105 P | P | | 1062 |
| 502 | T4 | 6 | 93264 | 273793 | 17 | 4 | 1099720 AA | | 102 P | P | | 784 |
| 503 | T4 | 6 | 93264 | 273793 | 17 | 1 | 1099720 AA | | 102 P | P | | 783 |
| 504 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001142 AA | | 105 P | P | | 1036 |
| 505 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001142 AA | | 105 P | P | | 1035 |
| 506 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001142 AA | | 105 P | P | | 1034 |
| 507 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001142 AA | | 105 P | P | | 1033 |
| 508 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001142 AA | | 105 P | P | | 1032 |
| 509 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001142 AA | | 105 P | P | | 1031 |
| 510 | T4 | 6 | 93264 | 272684 | 17 | 3 | 1098822 AA | | 105 P | P | | 1026 |
| 511 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1098822 AA | | 105 P | P | | 1025 |
| 512 | T4 | 6 | 93264 | 272684 | 17 | 3 | 1098822 AA | | 105 P | P | | 1024 |
| 513 | T4 | 6 | 93264 | 272684 | 17 | 3 | 1098942 AA | | 105 P | P | | 1023 |
| 514 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1098942 AA | | 105 P | P | | 1022 |
| 515 | T4 | 6 | 93264 | 272684 | 17 | 3 | 1098942 AA | | 105 P | P | | 1021 |
| 516 | T4 | 6 | 93264 | 272684 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1016 |
| 517 | T4 | 6 | 93264 | 272684 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1015 |
| 518 | T4 | 6 | 93264 | 272684 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1014 |
| 519 | T4 | 6 | 93264 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1013 |
| 520 | T4 | 6 | 93264 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1012 |
| 521 | T4 | 6 | 93264 | 272684 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1011 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|--------------------------------|--------------------------------|-----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 522 | Plant | 345 | 1140 | 41 | 6/6/2017 | 1800 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 523 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 524 | Plant | 345 | 1140 | 122 | 6/6/2017 | 1800 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 525 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 526 | Plant | 345 | 1140 | 41 | 6/6/2017 | 1800 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation 0 |
| 527 | Plant | 345 | 1140 | 81 | 6/6/2017 | 1800 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 528 | Plant | 345 | 1130 | 163 | 6/30/2017 | 1809 | Captive | Leonard, James R. | WATER SERVICE LINES | | Replace copper on serviceC |
| 529 | Plant | 345 | 1130 | 81 | 6/6/2017 | 1800 | Captive | Onkst, James H. | WATER SERVICE LINES | | replaced stop 001 6 |
| 530 | Plant | 345 | 1130 | 41 | 6/6/2017 | 1800 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro Pipe Fittings 001 |
| 531 | Plant | 345 | 1130 | 41 | 6/6/2017 | 1800 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro Pipe Fittings 001 |
| 532 | Plant | 345 | 1125 | 163 | 6/30/2017 | 1809 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | inserted plug in 6 inch m00 |
| 533 | Plant | 345 | 1125 | 163 | 6/30/2017 | 1809 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Turner Lane- Creek Crossi0 |
| 534 | Plant | 345 | 1125 | 163 | 6/30/2017 | 1809 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Turner Lane- Creek Crossi0 |
| 535 | Plant | 345 | 1115 | 81 | 6/6/2017 | 1800 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 536 | Plant | 345 | 1115 | 81 | 6/6/2017 | 1800 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 537 | Plant | 345 | 1110 | 41 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Gauge Installation Beans 00 |
| 538 | Plant | 345 | 1110 | 41 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Gauge Installation Beans 00 |
| 539 | Plant | 345 | 1110 | 41 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Gauge Installation Beans 00 |
| 540 | Plant | 345 | 1105 | 81 | 6/6/2017 | 1800 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 541 | Plant | 345 | 1055 | 163 | 6/20/2017 | 1806 | Captive | Turner, John R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Changed locks 001 6 |
| 542 | Plant | 345 | 1055 | 20 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Middlesboro Lock Order 0 |
| 543 | Plant | 345 | 1055 | 81 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Middlesboro Lock Order 0 |
| 544 | Plant | 345 | 1055 | 20 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Middlesboro Lock Order 0 |
| 545 | Plant | 345 | 1055 | 81 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Middlesboro Lock Order 0 |
| 546 | Plant | 345 | 1055 | 20 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Clinton Lock Order 001 |
| 547 | Plant | 345 | 1055 | 81 | 6/20/2017 | 1806 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Clinton Lock Order 001 |
| 548 | Plant | 345 | 1055 | 81 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | purchase Locks for Clinto00 |
| 549 | Plant | 345 | 1055 | 81 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | purchase Locks for Clinto00 |
| 550 | Plant | 345 | 1055 | 163 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | re-plumb Roof Drain on bu |
| 551 | Plant | 345 | 1055 | 81 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | re-plumb Roof Drain on bu |
| 552 | Plant | 345 | 1055 | 81 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Purchase Locks for Middke |
| 553 | Plant | 345 | 1055 | 163 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Install Locks for Middles00 |
| 554 | Plant | 345 | 1055 | 81 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Purchase Locks for Middke |
| 555 | Plant | 345 | 1055 | 81 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Purchase Locks for Middke |
| 556 | Plant | 345 | 1055 | 81 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | purchase Locks for Clinto00 |
| 557 | Plant | 345 | 1055 | 41 | 6/15/2017 | 1803 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | purchase Locks for Clinto00 |
| 558 | Plant | 345 | 1055 | 41 | 6/6/2017 | 1800 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mboro WTP Roof Drain Ins |
| 559 | Plant | 345 | 1055 | 41 | 6/6/2017 | 1800 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Mboro WTP Roof Drain Ins |
| 560 | Plant | 345 | 1190 | 40 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Tires for Backhoe 001 6 |
| 561 | Plant | 345 | 1140 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Exchange 0 |
| 562 | Plant | 345 | 1140 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 563 | Plant | 345 | 1140 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 564 | Plant | 345 | 1140 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 565 | Plant | 345 | 1140 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchan |
| 566 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | MR Handheld Order 00 |
| 567 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation0 |
| 568 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | MR Handheld Order 00 |
| 569 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation0 |
| 570 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | MR Handheld Order 00 |
| 571 | Plant | 345 | 1140 | 122 | 5/23/2017 | 1794 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 572 | Plant | 345 | 1140 | 326 | 5/23/2017 | 1794 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 573 | Plant | 345 | 1140 | 285 | 5/23/2017 | 1794 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 522 | T4 | 6 | 93264 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1010 |
| 523 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001284 AA | | 105 P | P | | 1009 |
| 524 | T4 | 6 | 93264 | 272684 | 17 | 3 | 1001284 AA | | 105 P | P | | 1008 |
| 525 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001284 AA | | 105 P | P | | 1007 |
| 526 | T4 | 6 | 93264 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1006 |
| 527 | T4 | 6 | 93264 | 272684 | 17 | 2 | 1001284 AA | | 105 P | P | | 1005 |
| 528 | T4 | 6 | 96128 | 274606 | 17 | 4 | 1099720 AA | | 102 P | P | | 799 |
| 529 | T4 | 6 | 96128 | 272684 | 17 | 2 | 1098822 AA | | 105 P | P | | 1027 |
| 530 | T4 | 6 | 96128 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1018 |
| 531 | T4 | 6 | 96128 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1017 |
| 532 | T4 | 6 | 91928 | 274606 | 17 | 4 | 1099720 AA | | 102 P | P | | 800 |
| 533 | T4 | 6 | 91928 | 274606 | 17 | 4 | 1099720 AA | | 102 P | P | | 794 |
| 534 | T4 | 6 | 91928 | 274606 | 17 | 4 | 1099720 AA | | 102 P | P | | 793 |
| 535 | T4 | 6 | 92930 | 272684 | 17 | 2 | 1098825 AA | | 105 P | P | | 1029 |
| 536 | T4 | 6 | 92930 | 272684 | 17 | 2 | 1098825 AA | | 105 P | P | | 1028 |
| 537 | T4 | 6 | 95807 | 274011 | 17 | 1 | 1099579 AA | | 105 P | P | | 1061 |
| 538 | T4 | 6 | 95807 | 274011 | 17 | 1 | 1099579 AA | | 105 P | P | | 1060 |
| 539 | T4 | 6 | 95807 | 274011 | 17 | 1 | 1099579 AA | | 105 P | P | | 1059 |
| 540 | T4 | 6 | 91260 | 272684 | 17 | 2 | 1098825 AA | | 105 P | P | | 1030 |
| 541 | T4 | 6 | 92261 | 274011 | 17 | 4 | 1098828 AA | | 105 P | P | | 1074 |
| 542 | T4 | 6 | 92262 | 274011 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1058 |
| 543 | T4 | 6 | 92262 | 274011 | 17 | 2 | 1099579 AA | | 105 P | P | | 1057 |
| 544 | T4 | 6 | 92262 | 274011 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1056 |
| 545 | T4 | 6 | 92262 | 274011 | 17 | 2 | 1099579 AA | | 105 P | P | | 1055 |
| 546 | T4 | 6 | 92261 | 274011 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1054 |
| 547 | T4 | 6 | 92261 | 274011 | 17 | 2 | 1099579 AA | | 105 P | P | | 1053 |
| 548 | T4 | 6 | 92261 | 273793 | 17 | 2 | 1099720 AA | | 102 P | P | | 792 |
| 549 | T4 | 6 | 92261 | 273793 | 17 | 2 | 1099720 AA | | 102 P | P | | 791 |
| 550 | T4 | 6 | 92262 | 273793 | 17 | 4 | 1099720 AA | | 102 P | P | | 790 |
| 551 | T4 | 6 | 92262 | 273793 | 17 | 2 | 1099720 AA | | 102 P | P | | 789 |
| 552 | T4 | 6 | 92262 | 273793 | 17 | 2 | 1099720 AA | | 102 P | P | | 788 |
| 553 | T4 | 6 | 92262 | 273793 | 17 | 4 | 1099720 AA | | 102 P | P | | 787 |
| 554 | T4 | 6 | 92262 | 273793 | 17 | 2 | 1099720 AA | | 102 P | P | | 786 |
| 555 | T4 | 6 | 92262 | 273793 | 17 | 2 | 1099720 AA | | 102 P | P | | 785 |
| 556 | T4 | 6 | 92261 | 273793 | 17 | 2 | 1099720 AA | | 102 P | P | | 782 |
| 557 | T4 | 6 | 92261 | 273793 | 17 | 1 | 1099720 AA | | 102 P | P | | 781 |
| 558 | T4 | 6 | 92262 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1020 |
| 559 | T4 | 6 | 92262 | 272684 | 17 | 1 | 1099579 AA | | 105 P | P | | 1019 |
| 560 | T4 | 5 | 96449 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1198 |
| 561 | T4 | 5 | 93263 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 759 |
| 562 | T4 | 5 | 93264 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 758 |
| 563 | T4 | 5 | 93264 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 757 |
| 564 | T4 | 5 | 93264 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 756 |
| 565 | T4 | 5 | 93264 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 755 |
| 566 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1129 |
| 567 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1128 |
| 568 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1127 |
| 569 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1126 |
| 570 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1125 |
| 571 | T4 | 5 | 93264 | 271343 | 17 | 3 | 1098942 AA | | 105 P | P | | 1124 |
| 572 | T4 | 5 | 93264 | 271343 | 17 | 8 | 1098942 AA | | 105 P | P | | 1123 |
| 573 | T4 | 5 | 93264 | 271343 | 17 | 7 | 1098942 AA | | 105 P | P | | 1122 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 574 | Plant | 345 | 1140 | 326 | 5/23/2017 | 1794 | Captive | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 575 | Plant | 345 | 1140 | 122 | 5/23/2017 | 1794 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 576 | Plant | 345 | 1140 | 326 | 5/23/2017 | 1794 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 577 | Plant | 345 | 1140 | 285 | 5/23/2017 | 1794 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 578 | Plant | 345 | 1140 | 326 | 5/23/2017 | 1794 | Captive | Onkst, James H. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 579 | Plant | 345 | 1140 | 81 | 5/23/2017 | 1794 | Captive | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Worked meter cards 00 |
| 580 | Plant | 345 | 1140 | 81 | 5/23/2017 | 1794 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 581 | Plant | 345 | 1140 | 81 | 5/23/2017 | 1794 | Captive | Raines, Thomas | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 582 | Plant | 345 | 1140 | 81 | 5/23/2017 | 1794 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 583 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation0 |
| 584 | Plant | 345 | 1140 | 20 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation0 |
| 585 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation0 |
| 586 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Installation0 |
| 587 | Plant | 345 | 1140 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Installatio00 |
| 588 | Plant | 345 | 1140 | 20 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Installatio00 |
| 589 | Plant | 345 | 1140 | 81 | 5/23/2017 | 1794 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 590 | Plant | 345 | 1140 | 244 | 5/23/2017 | 1794 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 591 | Plant | 345 | 1140 | 76 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter exchange 0 |
| 592 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter exchange 0 |
| 593 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter exchange 0 |
| 594 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter exchange 0 |
| 595 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter exchange 0 |
| 596 | Plant | 345 | 1140 | 76 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro meter exchang |
| 597 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro meter exchang |
| 598 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro meter exchang |
| 599 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro meter exchang |
| 600 | Plant | 345 | 1140 | 81 | 5/15/2017 | 1791 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro meter exchang |
| 601 | Plant | 345 | 1140 | 20 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 602 | Plant | 345 | 1140 | 40 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 603 | Plant | 345 | 1140 | 40 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 604 | Plant | 345 | 1140 | 40 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 605 | Plant | 345 | 1140 | 40 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 606 | Plant | 345 | 1140 | 40 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 607 | Plant | 345 | 1130 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | WATER SERVICE LINES | | replace galv. service lin001 |
| 608 | Plant | 345 | 1130 | 81 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro Service Line Parts 0 |
| 609 | Plant | 345 | 1130 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro Service Line Parts 0 |
| 610 | Plant | 345 | 1130 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro Service Line Parts 0 |
| 611 | Plant | 345 | 1130 | 163 | 5/15/2017 | 1791 | Captive | Leonard, James R. | WATER SERVICE LINES | | Install new meter base se0 |
| 612 | Plant | 345 | 1130 | 81 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro Service Parts Order |
| 613 | Plant | 345 | 1130 | 41 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro Service Parts Order |
| 614 | Plant | 345 | 1130 | 228 | 5/9/2017 | 1788 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Installed two new Service0 |
| 615 | Plant | 345 | 1130 | 76 | 5/9/2017 | 1788 | Captive | Partin, Michael W. | WATER SERVICE LINES | | replaced 1" setter nut & 00 |
| 616 | Plant | 345 | 1130 | 228 | 5/9/2017 | 1788 | Captive | Onkst, James H. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 617 | Plant | 345 | 1130 | 76 | 5/9/2017 | 1788 | Captive | Onkst, James H. | WATER SERVICE LINES | | Cap Asset 001 6 |
| 618 | Plant | 345 | 1125 | 163 | 5/15/2017 | 1791 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | planning water line repla00 |
| 619 | Plant | 345 | 1125 | 41 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Main replacement Sherwo |
| 620 | Plant | 345 | 1125 | 163 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Main replacement Sherwo |
| 621 | Plant | 345 | 1125 | 265 | 5/9/2017 | 1788 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Leak / replaced 5' 4" mai00 |
| 622 | Plant | 345 | 1125 | 81 | 5/9/2017 | 1788 | Captive | Mills, Wendell G. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 623 | Plant | 345 | 1125 | 81 | 5/9/2017 | 1788 | Captive | Johnson, Harvey H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 624 | Plant | 345 | 1125 | 265 | 5/9/2017 | 1788 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 625 | Plant | 345 | 1125 | 265 | 5/9/2017 | 1788 | Captive | Raines, Thomas | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 574 | T4 | 5 | 93264 | 271343 | 17 | 8 | 1098942 AA | | 105 P | P | | 1121 |
| 575 | T4 | 5 | 93264 | 271343 | 17 | 3 | 1098822 AA | | 105 P | P | | 1120 |
| 576 | T4 | 5 | 93264 | 271343 | 17 | 8 | 1098822 AA | | 105 P | P | | 1119 |
| 577 | T4 | 5 | 93264 | 271343 | 17 | 7 | 1098822 AA | | 105 P | P | | 1118 |
| 578 | T4 | 5 | 93264 | 271343 | 17 | 8 | 1098822 AA | | 105 P | P | | 1117 |
| 579 | T4 | 5 | 93263 | 271343 | 17 | 2 | 1098828 AA | | 105 P | P | | 1116 |
| 580 | T4 | 5 | 93264 | 271343 | 17 | 2 | 1001142 AA | | 105 P | P | | 1111 |
| 581 | T4 | 5 | 93264 | 271343 | 17 | 2 | 1001284 AA | | 105 P | P | | 1110 |
| 582 | T4 | 5 | 93264 | 271343 | 17 | 2 | 1001142 AA | | 105 P | P | | 1109 |
| 583 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1106 |
| 584 | T4 | 5 | 93264 | 271343 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1105 |
| 585 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1104 |
| 586 | T4 | 5 | 93264 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1103 |
| 587 | T4 | 5 | 93263 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1102 |
| 588 | T4 | 5 | 93263 | 271343 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1101 |
| 589 | T4 | 5 | 93263 | 271343 | 17 | 2 | 1099936 AA | | 105 P | P | | 1100 |
| 590 | T4 | 5 | 93263 | 271343 | 17 | 6 | 1099936 AA | | 105 P | P | | 1099 |
| 591 | T4 | 5 | 93263 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 838 |
| 592 | T4 | 5 | 93263 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 837 |
| 593 | T4 | 5 | 93263 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 836 |
| 594 | T4 | 5 | 93263 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 835 |
| 595 | T4 | 5 | 93263 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 834 |
| 596 | T4 | 5 | 93264 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 833 |
| 597 | T4 | 5 | 93264 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 832 |
| 598 | T4 | 5 | 93264 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 831 |
| 599 | T4 | 5 | 93264 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 830 |
| 600 | T4 | 5 | 93264 | 270845 | 17 | 2 | 1099720 AA | | 102 P | P | | 829 |
| 601 | T4 | 5 | 93264 | 270742 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1232 |
| 602 | T4 | 5 | 93264 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1231 |
| 603 | T4 | 5 | 93264 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1230 |
| 604 | T4 | 5 | 93264 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1229 |
| 605 | T4 | 5 | 93264 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1228 |
| 606 | T4 | 5 | 93264 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1227 |
| 607 | T4 | 5 | 96127 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 760 |
| 608 | T4 | 5 | 96128 | 271343 | 17 | 2 | 1099579 AA | | 105 P | P | | 1134 |
| 609 | T4 | 5 | 96128 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1133 |
| 610 | T4 | 5 | 96128 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1132 |
| 611 | T4 | 5 | 96128 | 270845 | 17 | 4 | 1099720 AA | | 102 P | P | | 839 |
| 612 | T4 | 5 | 96128 | 270742 | 17 | 2 | 1099579 AA | | 105 P | P | | 1226 |
| 613 | T4 | 5 | 96128 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1225 |
| 614 | T4 | 5 | 96128 | 270742 | 17 | 6 | 1098942 AA | | 105 P | P | | 1220 |
| 615 | T4 | 5 | 96128 | 270742 | 17 | 2 | 1098942 AA | | 105 P | P | | 1219 |
| 616 | T4 | 5 | 96128 | 270742 | 17 | 6 | 1098822 AA | | 105 P | P | | 1218 |
| 617 | T4 | 5 | 96128 | 270742 | 17 | 2 | 1098822 AA | | 105 P | P | | 1217 |
| 618 | T4 | 5 | 91928 | 270845 | 17 | 4 | 1099720 AA | | 102 P | P | | 828 |
| 619 | T4 | 5 | 91928 | 270742 | 17 | 1 | 1099579 AA | | 105 P | P | | 1224 |
| 620 | T4 | 5 | 91928 | 270742 | 17 | 4 | 1099579 AA | | 105 P | P | | 1223 |
| 621 | T4 | 5 | 91928 | 270742 | 17 | 6.5 | 1098942 AA | | 105 P | P | | 1216 |
| 622 | T4 | 5 | 91928 | 270742 | 17 | 2 | 1098825 AA | | 105 P | P | | 1215 |
| 623 | T4 | 5 | 91928 | 270742 | 17 | 2 | 1098821 AA | | 105 P | P | | 1214 |
| 624 | T4 | 5 | 91928 | 270742 | 17 | 6.5 | 1098822 AA | | 105 P | P | | 1213 |
| 625 | T4 | 5 | 91928 | 270742 | 17 | 6.5 | 1001284 AA | | 105 P | P | | 1200 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|------------------------------|--------------------------------|--------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 626 | Plant | 345 | 1125 | 265 | 5/9/2017 | 1788 | Captive | Killion, Jeffrey | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Cap Asset 001 6 |
| 627 | Plant | 345 | 1115 | 163 | 5/23/2017 | 1794 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 628 | Plant | 345 | 1115 | 163 | 5/23/2017 | 1794 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 629 | Plant | 345 | 1115 | 121 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | H2O2 Scales 001 6 |
| 630 | Plant | 345 | 1115 | 41 | 5/9/2017 | 1788 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 631 | Plant | 345 | 1115 | 38 | 5/9/2017 | 1788 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 632 | Plant | 345 | 1115 | 76 | 5/9/2017 | 1788 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 633 | Plant | 345 | 1105 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Filter 2 Valve Accu0 |
| 634 | Plant | 345 | 1105 | 41 | 5/23/2017 | 1794 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Filter 2 Valve Accu0 |
| 635 | Plant | 345 | 1105 | 81 | 5/23/2017 | 1794 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 636 | Plant | 345 | 1105 | 81 | 5/23/2017 | 1794 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 637 | Plant | 345 | 1105 | 489 | 5/23/2017 | 1794 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 638 | Plant | 345 | 1105 | 407 | 5/23/2017 | 1794 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 639 | Plant | 345 | 1105 | 305 | 5/15/2017 | 1791 | Captive | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Install conduit for Flow 001 |
| 640 | Plant | 345 | 1105 | 162 | 5/9/2017 | 1788 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Finish Water Meter |
| 641 | Plant | 345 | 1105 | 228 | 5/9/2017 | 1788 | Captive | Partin, Michael W. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | road bore for conduct to 00 |
| 642 | Plant | 345 | 1105 | 76 | 5/9/2017 | 1788 | Captive | Partin, Michael W. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | installed Pit drain line 001 6 |
| 643 | Plant | 345 | 1105 | 76 | 5/9/2017 | 1788 | Captive | Partin, Michael W. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | installed Pit drain line 001 6 |
| 644 | Plant | 345 | 1105 | 61 | 5/9/2017 | 1788 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 645 | Plant | 345 | 1105 | 228 | 5/9/2017 | 1788 | Captive | Onkst, James H. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 646 | Plant | 345 | 1105 | 76 | 5/9/2017 | 1788 | Captive | Onkst, James H. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 647 | Plant | 345 | 1105 | 76 | 5/9/2017 | 1788 | Captive | Onkst, James H. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 648 | Plant | 345 | 1100 | 167 | 5/9/2017 | 1788 | Captive | Wilson, Colby | ELECTRIC PUMP EQUIP SRC PUMP | | Cap Asset 001 6 |
| 649 | Plant | 345 | 1100 | 76 | 5/9/2017 | 1788 | Captive | Mills, Wendell G. | ELECTRIC PUMP EQUIP SRC PUMP | | Cap Asset 001 6 |
| 650 | Plant | 345 | 1100 | 152 | 5/9/2017 | 1788 | Captive | Johnson, Harvey H. | ELECTRIC PUMP EQUIP SRC PUMP | | Cap Asset 001 6 |
| 651 | Plant | 345 | 1100 | 167 | 5/9/2017 | 1788 | Captive | Wilson, Colby | ELECTRIC PUMP EQUIP SRC PUMP | | Cap Asset 001 6 |
| 652 | Plant | 345 | 1050 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | STRUCT & IMPRV SRC SUPPLY | | worked on pump station b |
| 653 | Plant | 345 | 1050 | 163 | 5/31/2017 | 1797 | Captive | Leonard, James R. | STRUCT & IMPRV SRC SUPPLY | | worked on pump station b |
| 654 | Plant | 345 | 1190 | 81 | 4/25/2017 | 1782 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | KY Safety Equipment 00 |
| 655 | Plant | 345 | 1190 | 40 | 4/25/2017 | 1782 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | KY Safety Equipment 00 |
| 656 | Plant | 345 | 1190 | 152 | 4/15/2017 | 1779 | Captive | Leonard, James R. | TOOL SHOP & MISC EQPT | | Received Trench Box-assen |
| 657 | Plant | 345 | 1190 | 20 | 4/11/2017 | 1776 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Mboro Trench Box 001 |
| 658 | Plant | 345 | 1190 | 20 | 4/11/2017 | 1776 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Mboro Trench Box 001 |
| 659 | Plant | 345 | 1190 | 81 | 4/11/2017 | 1776 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Mboro Trench Box 001 |
| 660 | Plant | 345 | 1190 | 20 | 4/11/2017 | 1776 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Clinton Trench Box 001 |
| 661 | Plant | 345 | 1190 | 40 | 4/11/2017 | 1776 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Clinton Trench Box 001 |
| 662 | Plant | 345 | 1190 | 38 | 4/11/2017 | 1776 | Captive | Rushing, Ronald | TOOL SHOP & MISC EQPT | | Put together trench box. 00 |
| 663 | Plant | 345 | 1190 | 76 | 4/11/2017 | 1776 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Trench Box 001 6 |
| 664 | Plant | 345 | 1190 | 38 | 4/11/2017 | 1776 | Captive | Turner, John R. | TOOL SHOP & MISC EQPT | | Put together trench box 00 |
| 665 | Plant | 345 | 1190 | 209 | 4/11/2017 | 1776 | Captive | Wilson, Colby | TOOL SHOP & MISC EQPT | | Cap Asset 001 6 |
| 666 | Plant | 345 | 1140 | 152 | 4/30/2017 | 1785 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro meter exchan |
| 667 | Plant | 345 | 1140 | 152 | 4/30/2017 | 1785 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro meter exchan |
| 668 | Plant | 345 | 1140 | 305 | 4/30/2017 | 1785 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Transport Clinton meters-0 |
| 669 | Plant | 345 | 1140 | 40 | 4/25/2017 | 1782 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 670 | Plant | 345 | 1140 | 40 | 4/25/2017 | 1782 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 671 | Plant | 345 | 1140 | 40 | 4/25/2017 | 1782 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 672 | Plant | 345 | 1140 | 40 | 4/25/2017 | 1782 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 673 | Plant | 345 | 1140 | 38 | 4/25/2017 | 1782 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 674 | Plant | 345 | 1140 | 76 | 4/25/2017 | 1782 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 675 | Plant | 345 | 1140 | 76 | 4/25/2017 | 1782 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 676 | Plant | 345 | 1140 | 76 | 4/25/2017 | 1782 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 677 | Plant | 345 | 1140 | 20 | 4/11/2017 | 1776 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 626 | T4 | 5 | 91928 | 270742 | 17 | 6.5 | 1001142 AA | | 105 P | P | | 1199 |
| 627 | T4 | 5 | 92930 | 271343 | 17 | 4 | 1098825 AA | | 105 P | P | | 1115 |
| 628 | T4 | 5 | 92930 | 271343 | 17 | 4 | 1098825 AA | | 105 P | P | | 1114 |
| 629 | T4 | 5 | 92930 | 270742 | 17 | 3 | 1099579 AA | | 105 P | P | | 1222 |
| 630 | T4 | 5 | 92930 | 270742 | 17 | 1 | 1098825 AA | | 105 P | P | | 1212 |
| 631 | T4 | 5 | 92930 | 270742 | 17 | 1 | 1098825 AA | | 105 P | P | | 1211 |
| 632 | T4 | 5 | 92930 | 270742 | 17 | 2 | 1098825 AA | | 105 P | P | | 1210 |
| 633 | T4 | 5 | 91260 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1131 |
| 634 | T4 | 5 | 91260 | 271343 | 17 | 1 | 1099579 AA | | 105 P | P | | 1130 |
| 635 | T4 | 5 | 91260 | 271343 | 17 | 2 | 1098825 AA | | 105 P | P | | 1113 |
| 636 | T4 | 5 | 91260 | 271343 | 17 | 2 | 1098825 AA | | 105 P | P | | 1112 |
| 637 | T4 | 5 | 91260 | 271343 | 17 | 12 | 1001177 AA | | 105 P | P | | 1108 |
| 638 | T4 | 5 | 91260 | 271343 | 17 | 10 | 1001177 AA | | 105 P | P | | 1107 |
| 639 | T4 | 5 | 91260 | 270845 | 17 | 8 | 1099720 AA | | 102 P | P | | 827 |
| 640 | T4 | 5 | 91260 | 270742 | 17 | 4 | 1099579 AA | | 105 P | P | | 1221 |
| 641 | T4 | 5 | 91260 | 270742 | 17 | 6 | 1098942 AA | | 105 P | P | | 1209 |
| 642 | T4 | 5 | 91260 | 270742 | 17 | 2 | 1098942 AA | | 105 P | P | | 1208 |
| 643 | T4 | 5 | 91260 | 270742 | 17 | 2 | 1098942 AA | | 105 P | P | | 1207 |
| 644 | T4 | 5 | 91260 | 270742 | 17 | 1.5 | 1098825 AA | | 105 P | P | | 1206 |
| 645 | T4 | 5 | 91260 | 270742 | 17 | 6 | 1098822 AA | | 105 P | P | | 1205 |
| 646 | T4 | 5 | 91260 | 270742 | 17 | 2 | 1098822 AA | | 105 P | P | | 1204 |
| 647 | T4 | 5 | 91260 | 270742 | 17 | 2 | 1098822 AA | | 105 P | P | | 1203 |
| 648 | T4 | 5 | 97991 | 270742 | 17 | 4 | 1001177 AA | | 105 P | P | | 1233 |
| 649 | T4 | 5 | 97991 | 270742 | 17 | 2 | 1098825 AA | | 105 P | P | | 1202 |
| 650 | T4 | 5 | 97991 | 270742 | 17 | 4 | 1098821 AA | | 105 P | P | | 1201 |
| 651 | T4 | 5 | 97991 | 270742 | 17 | 4 | 1001177 AA | | 105 P | P | | 1197 |
| 652 | T4 | 5 | 95165 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 754 |
| 653 | T4 | 5 | 95165 | 271798 | 17 | 4 | 1099720 AA | | 102 P | P | | 753 |
| 654 | T4 | 4 | 96449 | 268999 | 17 | 2 | 1099579 AA | | 105 P | P | | 972 |
| 655 | T4 | 4 | 96449 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 948 |
| 656 | T4 | 4 | 96449 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 627 |
| 657 | T4 | 4 | 96449 | 267690 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1009 |
| 658 | T4 | 4 | 96449 | 267690 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1008 |
| 659 | T4 | 4 | 96449 | 267690 | 17 | 2 | 1099579 AA | | 110 P | P | | 1007 |
| 660 | T4 | 4 | 96448 | 267690 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1006 |
| 661 | T4 | 4 | 96448 | 267690 | 17 | 1 | 1099579 AA | | 110 P | P | | 1005 |
| 662 | T4 | 4 | 96448 | 267690 | 17 | 1 | 1099936 AA | | 110 P | P | | 1004 |
| 663 | T4 | 4 | 96449 | 267690 | 17 | 2 | 1098825 AA | | 110 P | P | | 994 |
| 664 | T4 | 4 | 96448 | 267690 | 17 | 1 | 1098828 AA | | 110 P | P | | 993 |
| 665 | T4 | 4 | 96449 | 267690 | 17 | 5 | 1001177 AA | | 110 P | P | | 983 |
| 666 | T4 | 4 | 93264 | 269001 | 17 | 4 | 1099720 AA | | 102 P | P | | 703 |
| 667 | T4 | 4 | 93264 | 269001 | 17 | 4 | 1099720 AA | | 102 P | P | | 702 |
| 668 | T4 | 4 | 93263 | 269001 | 17 | 8 | 1099720 AA | | 102 P | P | | 701 |
| 669 | T4 | 4 | 93264 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 971 |
| 670 | T4 | 4 | 93264 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 970 |
| 671 | T4 | 4 | 93264 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 969 |
| 672 | T4 | 4 | 93264 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 968 |
| 673 | T4 | 4 | 93264 | 268999 | 17 | 1 | 1001142 AA | | 105 P | P | | 953 |
| 674 | T4 | 4 | 93264 | 268999 | 17 | 2 | 1001142 AA | | 105 P | P | | 952 |
| 675 | T4 | 4 | 93264 | 268999 | 17 | 2 | 1001142 AA | | 105 P | P | | 951 |
| 676 | T4 | 4 | 93264 | 268999 | 17 | 2 | 1001142 AA | | 105 P | P | | 950 |
| 677 | T4 | 4 | 93264 | 267690 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1003 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|--------|----------------|------------------------|--------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 678 | Plant | 345 | 1140 | 40 | 4/11/2017 | 1776 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 679 | Plant | 345 | 1140 | 40 | 4/11/2017 | 1776 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 680 | Plant | 345 | 1140 | 40 | 4/11/2017 | 1776 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 681 | Plant | 345 | 1140 | 163 | 4/30/2017 | 357007 | Captime | MISSING CAPTIME 4 17 | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RAINES, THOMAS - 3/28/20 |
| 682 | Plant | 345 | 1130 | 152 | 4/25/2017 | 1782 | Captime | Partin, Michael W. | WATER SERVICE LINES | | Retired services 001 6 |
| 683 | Plant | 345 | 1130 | 343 | 4/25/2017 | 1782 | Captime | Partin, Michael W. | WATER SERVICE LINES | | Retired services 001 6 |
| 684 | Plant | 345 | 1130 | 152 | 4/25/2017 | 1782 | Captime | Onkst, James H. | WATER SERVICE LINES | | service kill out 001 6 |
| 685 | Plant | 345 | 1130 | 343 | 4/25/2017 | 1782 | Captime | Onkst, James H. | WATER SERVICE LINES | | service kill out 001 6 |
| 686 | Plant | 345 | 1130 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WATER SERVICE LINES | | Install new 1&1/2 "servic00 |
| 687 | Plant | 345 | 1130 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WATER SERVICE LINES | | Install new 1&1/2 "servic00 |
| 688 | Plant | 345 | 1130 | 40 | 4/11/2017 | 1776 | Captime | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service 602 Dorcheste |
| 689 | Plant | 345 | 1130 | 114 | 4/11/2017 | 1776 | Captime | Rushing, Ronald | WATER SERVICE LINES | | Blacktop in holes wher 100 |
| 690 | Plant | 345 | 1130 | 343 | 4/11/2017 | 1776 | Captime | Partin, Michael W. | WATER SERVICE LINES | | Service kill outs / Food 001 |
| 691 | Plant | 345 | 1130 | 343 | 4/11/2017 | 1776 | Captime | Partin, Michael W. | WATER SERVICE LINES | | Service kill outs / Food 001 |
| 692 | Plant | 345 | 1130 | 266 | 4/11/2017 | 1776 | Captime | Partin, Michael W. | WATER SERVICE LINES | | 1 1/2" Service Install/Ta001 |
| 693 | Plant | 345 | 1130 | 266 | 4/11/2017 | 1776 | Captime | Onkst, James H. | WATER SERVICE LINES | | install 1 1/2 service 001 6 |
| 694 | Plant | 345 | 1130 | 114 | 4/11/2017 | 1776 | Captime | Turner, John R. | WATER SERVICE LINES | | Put Black Top In Holes we0 |
| 695 | Plant | 345 | 1125 | 152 | 4/30/2017 | 1785 | Captime | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Middlesboro Main replacer |
| 696 | Plant | 345 | 1115 | 76 | 4/25/2017 | 1782 | Captime | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 697 | Plant | 345 | 1115 | 152 | 4/25/2017 | 1782 | Captime | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 698 | Plant | 345 | 1115 | 81 | 4/11/2017 | 1776 | Captime | Vaughn, Stephen R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Mboro Lime Feeder Replac |
| 699 | Plant | 345 | 1115 | 38 | 4/11/2017 | 1776 | Captime | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Lime Feeder 001 6 |
| 700 | Plant | 345 | 1115 | 152 | 4/11/2017 | 1776 | Captime | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Lime Feeder 001 6 |
| 701 | Plant | 345 | 1115 | 167 | 4/11/2017 | 1776 | Captime | Wilson, Colby | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Cap Asset 001 6 |
| 702 | Plant | 345 | 1110 | 152 | 4/30/2017 | 1785 | Captime | Leonard, James R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro SCADA system |
| 703 | Plant | 345 | 1110 | 84 | 4/25/2017 | 1782 | Captime | Wilson, Colby | ELECTRIC PUMP EQUIP TRANS DIST | | Cap Asset 001 6 |
| 704 | Plant | 345 | 1110 | 84 | 4/25/2017 | 1782 | Captime | Wilson, Colby | ELECTRIC PUMP EQUIP TRANS DIST | | Cap Asset 001 6 |
| 705 | Plant | 345 | 1105 | 152 | 4/30/2017 | 1785 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meter i |
| 706 | Plant | 345 | 1105 | 305 | 4/30/2017 | 1785 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meter i |
| 707 | Plant | 345 | 1105 | 40 | 4/25/2017 | 1782 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Actuator replaceme |
| 708 | Plant | 345 | 1105 | 162 | 4/25/2017 | 1782 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Filter Pump Replac |
| 709 | Plant | 345 | 1105 | 40 | 4/25/2017 | 1782 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Filter Control Panel Repl00 |
| 710 | Plant | 345 | 1105 | 121 | 4/25/2017 | 1782 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Filter Pump Replac |
| 711 | Plant | 345 | 1105 | 40 | 4/25/2017 | 1782 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meter I |
| 712 | Plant | 345 | 1105 | 40 | 4/25/2017 | 1782 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meter I |
| 713 | Plant | 345 | 1105 | 228 | 4/25/2017 | 1782 | Captime | Turner, John R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Installed raw water meter0 |
| 714 | Plant | 345 | 1105 | 419 | 4/25/2017 | 1782 | Captime | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 715 | Plant | 345 | 1105 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Remove services on east C0 |
| 716 | Plant | 345 | 1105 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Remove services on east C0 |
| 717 | Plant | 345 | 1105 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Remove services on east C0 |
| 718 | Plant | 345 | 1105 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Install Filter Pump B 001 6 |
| 719 | Plant | 345 | 1105 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Remove services on east C0 |
| 720 | Plant | 345 | 1105 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Remove services on east C0 |
| 721 | Plant | 345 | 1105 | 152 | 4/15/2017 | 1779 | Captime | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Remove services on east C0 |
| 722 | Plant | 345 | 1105 | 121 | 4/11/2017 | 1776 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Filter Pump Replac |
| 723 | Plant | 345 | 1105 | 162 | 4/11/2017 | 1776 | Captime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Mboro Filter Pump Replac |
| 724 | Plant | 345 | 1105 | 228 | 4/11/2017 | 1776 | Captime | Johnson, Harvey H. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Filter pump B 001 6 |
| 725 | Plant | 345 | 1105 | 305 | 4/11/2017 | 1776 | Captime | Johnson, Harvey H. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Filter pump B 001 6 |
| 726 | Plant | 345 | 1105 | 481 | 4/11/2017 | 1776 | Captime | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 727 | Plant | 345 | 1100 | 76 | 4/25/2017 | 1782 | Captime | Mills, Wendell G. | ELECTRIC PUMP EQUIP SRC PUMP | | Cap Asset 001 6 |
| 728 | Plant | 345 | 1140 | 152 | 3/31/2017 | 356709 | Captime | MISSING CAPTIME 3 17 | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RAINES, THOMAS - 3/28/20 |
| 729 | Plant | 345 | 1140 | 228 | 3/31/2017 | 356709 | Captime | MISSING CAPTIME 3 17 | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RAINES, THOMAS - 3/24/20 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 678 | T4 | 4 | 93264 | 267690 | 17 | 1 | 1099579 AA | | 110 P | P | | 1002 |
| 679 | T4 | 4 | 93264 | 267690 | 17 | 1 | 1099579 AA | | 110 P | P | | 1001 |
| 680 | T4 | 4 | 93264 | 267690 | 17 | 1 | 1099579 AA | | 110 P | P | | 1000 |
| 681 | JE | 4 | 93264 | 269005 | 17 | | AA | | 120 G | P | | 92 |
| 682 | T4 | 4 | 96128 | 268999 | 17 | 4 | 1098942 AA | | 105 P | P | | 961 |
| 683 | T4 | 4 | 96128 | 268999 | 17 | 9 | 1098942 AA | | 105 P | P | | 960 |
| 684 | T4 | 4 | 96128 | 268999 | 17 | 4 | 1098822 AA | | 105 P | P | | 959 |
| 685 | T4 | 4 | 96128 | 268999 | 17 | 9 | 1098822 AA | | 105 P | P | | 958 |
| 686 | T4 | 4 | 96128 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 629 |
| 687 | T4 | 4 | 96128 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 628 |
| 688 | T4 | 4 | 96128 | 267690 | 17 | 1 | 1099579 AA | | 110 P | P | | 999 |
| 689 | T4 | 4 | 96127 | 267690 | 17 | 3 | 1099936 AA | | 110 P | P | | 998 |
| 690 | T4 | 4 | 96128 | 267690 | 17 | 9 | 1098942 AA | | 110 P | P | | 992 |
| 691 | T4 | 4 | 96128 | 267690 | 17 | 9 | 1098942 AA | | 110 P | P | | 991 |
| 692 | T4 | 4 | 96128 | 267690 | 17 | 7 | 1098942 AA | | 110 P | P | | 990 |
| 693 | T4 | 4 | 96128 | 267690 | 17 | 7 | 1098822 AA | | 110 P | P | | 989 |
| 694 | T4 | 4 | 96127 | 267690 | 17 | 3 | 1098828 AA | | 110 P | P | | 988 |
| 695 | T4 | 4 | 91928 | 269001 | 17 | 4 | 1099720 AA | | 102 P | P | | 700 |
| 696 | T4 | 4 | 92930 | 268999 | 17 | 2 | 1098825 AA | | 105 P | P | | 957 |
| 697 | T4 | 4 | 92930 | 268999 | 17 | 4 | 1098825 AA | | 105 P | P | | 956 |
| 698 | T4 | 4 | 92930 | 267690 | 17 | 2 | 1099579 AA | | 110 P | P | | 997 |
| 699 | T4 | 4 | 92930 | 267690 | 17 | 1 | 1098825 AA | | 110 P | P | | 987 |
| 700 | T4 | 4 | 92930 | 267690 | 17 | 4 | 1098825 AA | | 110 P | P | | 986 |
| 701 | T4 | 4 | 92930 | 267690 | 17 | 4 | 1001177 AA | | 110 P | P | | 982 |
| 702 | T4 | 4 | 95807 | 269001 | 17 | 4 | 1099720 AA | | 102 P | P | | 699 |
| 703 | T4 | 4 | 95807 | 268999 | 17 | 2 | 1001177 AA | | 105 P | P | | 973 |
| 704 | T4 | 4 | 95807 | 268999 | 17 | 2 | 1001177 AA | | 105 P | P | | 949 |
| 705 | T4 | 4 | 91259 | 269001 | 17 | 4 | 1099720 AA | | 102 P | P | | 698 |
| 706 | T4 | 4 | 91259 | 269001 | 17 | 8 | 1099720 AA | | 102 P | P | | 697 |
| 707 | T4 | 4 | 91260 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 967 |
| 708 | T4 | 4 | 91260 | 268999 | 17 | 4 | 1099579 AA | | 105 P | P | | 966 |
| 709 | T4 | 4 | 91260 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 965 |
| 710 | T4 | 4 | 91260 | 268999 | 17 | 3 | 1099579 AA | | 105 P | P | | 964 |
| 711 | T4 | 4 | 91259 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 963 |
| 712 | T4 | 4 | 91259 | 268999 | 17 | 1 | 1099579 AA | | 105 P | P | | 962 |
| 713 | T4 | 4 | 91259 | 268999 | 17 | 6 | 1098828 AA | | 105 P | P | | 955 |
| 714 | T4 | 4 | 91260 | 268999 | 17 | 10 | 1001177 AA | | 105 P | P | | 947 |
| 715 | T4 | 4 | 91260 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 634 |
| 716 | T4 | 4 | 91260 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 633 |
| 717 | T4 | 4 | 91260 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 632 |
| 718 | T4 | 4 | 91260 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 631 |
| 719 | T4 | 4 | 91260 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 630 |
| 720 | T4 | 4 | 91260 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 626 |
| 721 | T4 | 4 | 91260 | 267757 | 17 | 4 | 1099720 AA | | 102 P | P | | 625 |
| 722 | T4 | 4 | 91260 | 267690 | 17 | 3 | 1099579 AA | | 110 P | P | | 996 |
| 723 | T4 | 4 | 91260 | 267690 | 17 | 4 | 1099579 AA | | 110 P | P | | 995 |
| 724 | T4 | 4 | 91260 | 267690 | 17 | 6 | 1098821 AA | | 110 P | P | | 985 |
| 725 | T4 | 4 | 91260 | 267690 | 17 | 8 | 1098821 AA | | 110 P | P | | 984 |
| 726 | T4 | 4 | 91260 | 267690 | 17 | 11.5 | 1001177 AA | | 110 P | P | | 981 |
| 727 | T4 | 4 | 97991 | 268999 | 17 | 2 | 1098825 AA | | 105 P | P | | 954 |
| 728 | JE | 3 | 93264 | 266463 | 17 | | AA | | 120 G | P | | 78 |
| 729 | JE | 3 | 93264 | 266463 | 17 | | AA | | 120 G | P | | 77 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|--------|----------------|------------------------|--------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 730 | Plant | 345 | 1140 | 152 | 3/31/2017 | 356709 | Capttime | MISSING CAPTIME 3 17 | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RAINES, THOMAS - 3/23/20 |
| 731 | Plant | 345 | 1190 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Safety light for service 001 |
| 732 | Plant | 345 | 1190 | 266 | 3/28/2017 | 1773 | Capttime | Partin, Michael W. | TOOL SHOP & MISC EQPT | | Service truck light insta001 |
| 733 | Plant | 345 | 1190 | 266 | 3/28/2017 | 1773 | Capttime | Onkst, James H. | TOOL SHOP & MISC EQPT | | installed safty lights 001 6 |
| 734 | Plant | 345 | 1190 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Safety light for service 001 |
| 735 | Plant | 345 | 1145 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | HYDRANTS | | New Filter Control Panels0 |
| 736 | Plant | 345 | 1145 | 121 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | HYDRANTS | | New Filter Control Panels0 |
| 737 | Plant | 345 | 1145 | 76 | 3/28/2017 | 1773 | Capttime | Partin, Michael W. | HYDRANTS | | Replaced Damaged Hydran |
| 738 | Plant | 345 | 1145 | 305 | 3/28/2017 | 1773 | Capttime | Partin, Michael W. | HYDRANTS | | Replaced Damaged Hydran |
| 739 | Plant | 345 | 1145 | 76 | 3/28/2017 | 1773 | Capttime | Partin, Michael W. | HYDRANTS | | Replaced Damaged Hydran |
| 740 | Plant | 345 | 1145 | 76 | 3/28/2017 | 1773 | Capttime | Onkst, James H. | HYDRANTS | | replaced fire/hyd 001 6 |
| 741 | Plant | 345 | 1145 | 343 | 3/28/2017 | 1773 | Capttime | Onkst, James H. | HYDRANTS | | replaced fire/hyd 001 6 |
| 742 | Plant | 345 | 1145 | 38 | 3/28/2017 | 1773 | Capttime | Onkst, James H. | HYDRANTS | | replaced fire/hyd 001 6 |
| 743 | Plant | 345 | 1140 | 81 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Testing 00 |
| 744 | Plant | 345 | 1140 | 228 | 3/28/2017 | 1773 | Capttime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 745 | Plant | 345 | 1140 | 152 | 3/28/2017 | 1773 | Capttime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 746 | Plant | 345 | 1130 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro WTP Valve Actuator |
| 747 | Plant | 345 | 1130 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro WTP Valve Actuator |
| 748 | Plant | 345 | 1130 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WATER SERVICE LINES | | Mboro WTP Valve Actuator |
| 749 | Plant | 345 | 1130 | 114 | 3/28/2017 | 1773 | Capttime | Rushing, Ronald | WATER SERVICE LINES | | Put dirt around raw water0 |
| 750 | Plant | 345 | 1130 | 76 | 3/28/2017 | 1773 | Capttime | Partin, Michael W. | WATER SERVICE LINES | | Replaced Broken Yoke Stop |
| 751 | Plant | 345 | 1130 | 76 | 3/28/2017 | 1773 | Capttime | Onkst, James H. | WATER SERVICE LINES | | replaced broke stop 001 |
| 752 | Plant | 345 | 1130 | 114 | 3/28/2017 | 1773 | Capttime | Turner, John R. | WATER SERVICE LINES | | Put dirt around raw water0 |
| 753 | Plant | 345 | 1125 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Main Replacement 001 |
| 754 | Plant | 345 | 1115 | 152 | 3/28/2017 | 1773 | Capttime | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Lime feeder 001 6 |
| 755 | Plant | 345 | 1115 | 38 | 3/28/2017 | 1773 | Capttime | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Lime feeder 001 6 |
| 756 | Plant | 345 | 1115 | 76 | 3/28/2017 | 1773 | Capttime | Johnson, Harvey H. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | LIME FEEDER. 001 6 |
| 757 | Plant | 345 | 1115 | 76 | 3/28/2017 | 1773 | Capttime | Johnson, Harvey H. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | LIME FEEDER. 001 6 |
| 758 | Plant | 345 | 1115 | 76 | 3/28/2017 | 1773 | Capttime | Johnson, Harvey H. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | LIME FEEDER. 001 6 |
| 759 | Plant | 345 | 1115 | 76 | 3/28/2017 | 1773 | Capttime | Johnson, Harvey H. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | LIME FEEDER. 001 6 |
| 760 | Plant | 345 | 1110 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro Finish water 0 |
| 761 | Plant | 345 | 1110 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro Finish water 0 |
| 762 | Plant | 345 | 1110 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro Finish water 0 |
| 763 | Plant | 345 | 1110 | 61 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro Finish water 0 |
| 764 | Plant | 345 | 1110 | 76 | 3/28/2017 | 1773 | Capttime | Mills, Wendell G. | ELECTRIC PUMP EQUIP TRANS DIST | | Finished water meter 00 |
| 765 | Plant | 345 | 1110 | 190 | 3/28/2017 | 1773 | Capttime | Johnson, Harvey H. | ELECTRIC PUMP EQUIP TRANS DIST | | Finish Water meter. 001 |
| 766 | Plant | 345 | 1110 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro Finish water 0 |
| 767 | Plant | 345 | 1105 | 152 | 3/28/2017 | 1773 | Capttime | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Filter control consoles 001 |
| 768 | Plant | 345 | 1105 | 81 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Fire Hydrant Installation00 |
| 769 | Plant | 345 | 1105 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Fire Hydrant Installation00 |
| 770 | Plant | 345 | 1105 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton WTP Pump Replace |
| 771 | Plant | 345 | 1055 | 81 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Doors at Mboro WTP Plant |
| 772 | Plant | 345 | 1055 | 152 | 3/28/2017 | 1773 | Capttime | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Wall in filter room 001 6 |
| 773 | Plant | 345 | 1055 | 40 | 3/28/2017 | 1773 | Capttime | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Doors at Mboro WTP Plant |
| 774 | Plant | 345 | 1140 | 152 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton meter cards for r00 |
| 775 | Plant | 345 | 1140 | 152 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | 1 inch meter exchange 00 |
| 776 | Plant | 345 | 1130 | 152 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | WATER SERVICE LINES | | replace broken curb stop 0 |
| 777 | Plant | 345 | 1130 | 152 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | WATER SERVICE LINES | | Replaced service line 001 |
| 778 | Plant | 345 | 1130 | 38 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | WATER SERVICE LINES | | replace broken curb stop 0 |
| 779 | Plant | 345 | 1115 | 152 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | order New Lime Feeder 0 |
| 780 | Plant | 345 | 1115 | 38 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | order New Lime Feeder 0 |
| 781 | Plant | 345 | 1110 | 152 | 3/31/2017 | 1770 | Capttime | Leonard, James R. | ELECTRIC PUMP EQUIP TRANS DIST | | install conduit for flow 001 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 730 | JE | 3 | 93264 | 266463 | 17 | | | AA | 120 | G | P | 76 |
| 731 | T4 | 3 | 96449 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 992 |
| 732 | T4 | 3 | 96449 | 266389 | 17 | 7 | 1098942 | AA | 110 | P | P | 979 |
| 733 | T4 | 3 | 96449 | 266389 | 17 | 7 | 1098822 | AA | 110 | P | P | 978 |
| 734 | T4 | 3 | 96449 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 952 |
| 735 | T4 | 3 | 98150 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 991 |
| 736 | T4 | 3 | 98150 | 266389 | 17 | 3 | 1099579 | AA | 110 | P | P | 990 |
| 737 | T4 | 3 | 98150 | 266389 | 17 | 2 | 1098942 | AA | 110 | P | P | 977 |
| 738 | T4 | 3 | 98150 | 266389 | 17 | 8 | 1098942 | AA | 110 | P | P | 976 |
| 739 | T4 | 3 | 98150 | 266389 | 17 | 2 | 1098942 | AA | 110 | P | P | 975 |
| 740 | T4 | 3 | 98150 | 266389 | 17 | 2 | 1098822 | AA | 110 | P | P | 974 |
| 741 | T4 | 3 | 98150 | 266389 | 17 | 9 | 1098822 | AA | 110 | P | P | 973 |
| 742 | T4 | 3 | 98150 | 266389 | 17 | 1 | 1098822 | AA | 110 | P | P | 972 |
| 743 | T4 | 3 | 93264 | 266389 | 17 | 2 | 1099579 | AA | 110 | P | P | 989 |
| 744 | T4 | 3 | 93264 | 266389 | 17 | 6 | 1001142 | AA | 110 | P | P | 958 |
| 745 | T4 | 3 | 93264 | 266389 | 17 | 4 | 1001142 | AA | 110 | P | P | 957 |
| 746 | T4 | 3 | 96128 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 988 |
| 747 | T4 | 3 | 96128 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 987 |
| 748 | T4 | 3 | 96128 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 986 |
| 749 | T4 | 3 | 96127 | 266389 | 17 | 3 | 1099936 | AA | 110 | P | P | 985 |
| 750 | T4 | 3 | 96128 | 266389 | 17 | 2 | 1098942 | AA | 110 | P | P | 971 |
| 751 | T4 | 3 | 96128 | 266389 | 17 | 2 | 1098822 | AA | 110 | P | P | 970 |
| 752 | T4 | 3 | 96127 | 266389 | 17 | 3 | 1098828 | AA | 110 | P | P | 969 |
| 753 | T4 | 3 | 91928 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 984 |
| 754 | T4 | 3 | 92930 | 266389 | 17 | 4 | 1098825 | AA | 110 | P | P | 968 |
| 755 | T4 | 3 | 92930 | 266389 | 17 | 1 | 1098825 | AA | 110 | P | P | 967 |
| 756 | T4 | 3 | 92930 | 266389 | 17 | 2 | 1098821 | AA | 110 | P | P | 966 |
| 757 | T4 | 3 | 92930 | 266389 | 17 | 2 | 1098821 | AA | 110 | P | P | 965 |
| 758 | T4 | 3 | 92930 | 266389 | 17 | 2 | 1098821 | AA | 110 | P | P | 964 |
| 759 | T4 | 3 | 92930 | 266389 | 17 | 2 | 1098821 | AA | 110 | P | P | 963 |
| 760 | T4 | 3 | 95807 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 983 |
| 761 | T4 | 3 | 95807 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 982 |
| 762 | T4 | 3 | 95807 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 981 |
| 763 | T4 | 3 | 95807 | 266389 | 17 | 1.5 | 1099579 | AA | 110 | P | P | 980 |
| 764 | T4 | 3 | 95807 | 266389 | 17 | 2 | 1098825 | AA | 110 | P | P | 962 |
| 765 | T4 | 3 | 95807 | 266389 | 17 | 5 | 1098821 | AA | 110 | P | P | 961 |
| 766 | T4 | 3 | 95807 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 956 |
| 767 | T4 | 3 | 91260 | 266389 | 17 | 4 | 1098825 | AA | 110 | P | P | 960 |
| 768 | T4 | 3 | 91260 | 266389 | 17 | 2 | 1099579 | AA | 110 | P | P | 955 |
| 769 | T4 | 3 | 91260 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 954 |
| 770 | T4 | 3 | 91259 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 953 |
| 771 | T4 | 3 | 92262 | 266389 | 17 | 2 | 1099579 | AA | 110 | P | P | 993 |
| 772 | T4 | 3 | 92262 | 266389 | 17 | 4 | 1098825 | AA | 110 | P | P | 959 |
| 773 | T4 | 3 | 92262 | 266389 | 17 | 1 | 1099579 | AA | 110 | P | P | 951 |
| 774 | T4 | 3 | 93263 | 266296 | 17 | 4 | 1099720 | AA | 102 | P | P | 756 |
| 775 | T4 | 3 | 93264 | 266296 | 17 | 4 | 1099720 | AA | 102 | P | P | 755 |
| 776 | T4 | 3 | 96128 | 266296 | 17 | 4 | 1099720 | AA | 102 | P | P | 759 |
| 777 | T4 | 3 | 96128 | 266296 | 17 | 4 | 1099720 | AA | 102 | P | P | 758 |
| 778 | T4 | 3 | 96128 | 266296 | 17 | 1 | 1099720 | AA | 102 | P | P | 757 |
| 779 | T4 | 3 | 92930 | 266296 | 17 | 4 | 1099720 | AA | 102 | P | P | 761 |
| 780 | T4 | 3 | 92930 | 266296 | 17 | 1 | 1099720 | AA | 102 | P | P | 760 |
| 781 | T4 | 3 | 95807 | 266296 | 17 | 4 | 1099720 | AA | 102 | P | P | 763 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|--------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 782 | Plant | 345 | 1110 | 38 | 3/31/2017 | 1770 | Captive | Leonard, James R. | ELECTRIC PUMP EQUIP TRANS DIST | | install conduit for flow 001 |
| 783 | Plant | 345 | 1105 | 152 | 3/31/2017 | 1770 | Captive | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | view to quote filter pane00 |
| 784 | Plant | 345 | 1055 | 38 | 3/31/2017 | 1770 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | get quotes wall between f0 |
| 785 | Plant | 345 | 1055 | 152 | 3/31/2017 | 1770 | Captive | Leonard, James R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | get quotes wall between f0 |
| 786 | Plant | 345 | 1190 | 20 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Middlesboro 0 |
| 787 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Safety Light Service Truc00 |
| 788 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Middlesboro 0 |
| 789 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Middlesboro 0 |
| 790 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Middlesboro 0 |
| 791 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Middlesboro 0 |
| 792 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Gas Monitor 001 6 |
| 793 | Plant | 345 | 1190 | 121 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Safety Light Service Truc00 |
| 794 | Plant | 345 | 1190 | 20 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Clinton 001 |
| 795 | Plant | 345 | 1190 | 76 | 3/14/2017 | 1767 | Captive | Mills, Wendell G. | TOOL SHOP & MISC EQPT | | Gas Monitor tank & regula |
| 796 | Plant | 345 | 1190 | 76 | 3/14/2017 | 1767 | Captive | Turner, John R. | TOOL SHOP & MISC EQPT | | WORKED METER CARDS |
| 797 | Plant | 345 | 1190 | 20 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Clinton 001 |
| 798 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Clinton 001 |
| 799 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Clinton 001 |
| 800 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Clinton 001 |
| 801 | Plant | 345 | 1190 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Clinton 001 |
| 802 | Plant | 345 | 1190 | 20 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | Trench Box Middlesboro 0 |
| 803 | Plant | 345 | 1140 | 76 | 3/14/2017 | 1767 | Captive | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | INSTALLED CONDOIT FOR R |
| 804 | Plant | 345 | 1140 | 190 | 3/14/2017 | 1767 | Captive | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | INSTALLED CONDOIT FOR R |
| 805 | Plant | 345 | 1140 | 305 | 3/14/2017 | 1767 | Captive | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | INSTALLED RAW WATER M |
| 806 | Plant | 345 | 1140 | 20 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Water Meters |
| 807 | Plant | 345 | 1140 | 283 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Water Meters |
| 808 | Plant | 345 | 1140 | 20 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Water Meters |
| 809 | Plant | 345 | 1140 | 61 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Water Meters 00 |
| 810 | Plant | 345 | 1140 | 81 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Water Meters 00 |
| 811 | Plant | 345 | 1140 | 20 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Water Meters 00 |
| 812 | Plant | 345 | 1140 | 76 | 3/14/2017 | 1767 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | INSTALLED CONDOIT FOR R |
| 813 | Plant | 345 | 1140 | 190 | 3/14/2017 | 1767 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | INSTALLED CONDOIT FOR R |
| 814 | Plant | 345 | 1140 | 305 | 3/14/2017 | 1767 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | INSTALLED NEW RAW WAT |
| 815 | Plant | 345 | 1130 | 38 | 3/14/2017 | 1767 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Installed 1" conduct 001 |
| 816 | Plant | 345 | 1130 | 362 | 3/14/2017 | 1767 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Installed 1" conduct 001 |
| 817 | Plant | 345 | 1130 | 76 | 3/14/2017 | 1767 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Built temp pit lid 001 6 |
| 818 | Plant | 345 | 1130 | 190 | 3/14/2017 | 1767 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Replaced Meter Yoke sette |
| 819 | Plant | 345 | 1130 | 305 | 3/14/2017 | 1767 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Installed 4'X5' Pit Box @00 |
| 820 | Plant | 345 | 1130 | 38 | 3/14/2017 | 1767 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Unload 4'X 14' pit box 001 |
| 821 | Plant | 345 | 1130 | 247 | 3/14/2017 | 1767 | Captive | Onkst, James H. | WATER SERVICE LINES | | install 1" conduct pipe 001 |
| 822 | Plant | 345 | 1130 | 114 | 3/14/2017 | 1767 | Captive | Onkst, James H. | WATER SERVICE LINES | | build-temp/meter lid 001 |
| 823 | Plant | 345 | 1130 | 190 | 3/14/2017 | 1767 | Captive | Onkst, James H. | WATER SERVICE LINES | | replaced broke-setter 001 |
| 824 | Plant | 345 | 1130 | 305 | 3/14/2017 | 1767 | Captive | Onkst, James H. | WATER SERVICE LINES | | install pit-box 001 6 |
| 825 | Plant | 345 | 1130 | 38 | 3/14/2017 | 1767 | Captive | Onkst, James H. | WATER SERVICE LINES | | unload pit/box 001 6 |
| 826 | Plant | 345 | 1130 | 228 | 3/14/2017 | 1767 | Captive | Turner, John R. | WATER SERVICE LINES | | INSTALLED NEW SERVICE L |
| 827 | Plant | 345 | 1130 | 228 | 3/14/2017 | 1767 | Captive | Rushing, Ronald | WATER SERVICE LINES | | INSTALLED NEW SERVICE L |
| 828 | Plant | 345 | 1125 | 152 | 3/14/2017 | 1767 | Captive | Partin, Michael W. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Repared leak site roadway |
| 829 | Plant | 345 | 1125 | 152 | 3/14/2017 | 1767 | Captive | Onkst, James H. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | repair roadway 001 6 |
| 830 | Plant | 345 | 1125 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Valve Accuator Pit Instal00 |
| 831 | Plant | 345 | 1125 | 121 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Valve Accuator Pit Instal00 |
| 832 | Plant | 345 | 1125 | 202 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Valve Accuator Pit Instal00 |
| 833 | Plant | 345 | 1115 | 38 | 3/14/2017 | 1767 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | New Lime Feeder 001 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 782 | T4 | 3 | 95807 | 266296 | 17 | 1 | 1099720 AA | | 102 P | P | | 762 |
| 783 | T4 | 3 | 91260 | 266296 | 17 | 4 | 1099720 AA | | 102 P | P | | 764 |
| 784 | T4 | 3 | 92262 | 266296 | 17 | 1 | 1099720 AA | | 102 P | P | | 754 |
| 785 | T4 | 3 | 92262 | 266296 | 17 | 4 | 1099720 AA | | 102 P | P | | 753 |
| 786 | T4 | 3 | 96449 | 265020 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1044 |
| 787 | T4 | 3 | 96449 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1043 |
| 788 | T4 | 3 | 96449 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1042 |
| 789 | T4 | 3 | 96449 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1041 |
| 790 | T4 | 3 | 96449 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1040 |
| 791 | T4 | 3 | 96449 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1039 |
| 792 | T4 | 3 | 96449 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1038 |
| 793 | T4 | 3 | 96449 | 265020 | 17 | 3 | 1099579 AA | | 110 P | P | | 1037 |
| 794 | T4 | 3 | 96448 | 265020 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1036 |
| 795 | T4 | 3 | 96449 | 265020 | 17 | 2 | 1098825 AA | | 110 P | P | | 1035 |
| 796 | T4 | 3 | 96448 | 265020 | 17 | 2 | 1098828 AA | | 110 P | P | | 1034 |
| 797 | T4 | 3 | 96448 | 265020 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1009 |
| 798 | T4 | 3 | 96448 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1008 |
| 799 | T4 | 3 | 96448 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1007 |
| 800 | T4 | 3 | 96448 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1006 |
| 801 | T4 | 3 | 96448 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1005 |
| 802 | T4 | 3 | 96449 | 265020 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 986 |
| 803 | T4 | 3 | 93263 | 265020 | 17 | 2 | 1098828 AA | | 110 P | P | | 1033 |
| 804 | T4 | 3 | 93263 | 265020 | 17 | 5 | 1098828 AA | | 110 P | P | | 1032 |
| 805 | T4 | 3 | 93263 | 265020 | 17 | 8 | 1098828 AA | | 110 P | P | | 1031 |
| 806 | T4 | 3 | 93264 | 265020 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1004 |
| 807 | T4 | 3 | 93264 | 265020 | 17 | 7 | 1099579 AA | | 110 P | P | | 1003 |
| 808 | T4 | 3 | 93264 | 265020 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1002 |
| 809 | T4 | 3 | 93263 | 265020 | 17 | 1.5 | 1099579 AA | | 110 P | P | | 1001 |
| 810 | T4 | 3 | 93263 | 265020 | 17 | 2 | 1099579 AA | | 110 P | P | | 1000 |
| 811 | T4 | 3 | 93263 | 265020 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 999 |
| 812 | T4 | 3 | 93263 | 265020 | 17 | 2 | 1099936 AA | | 110 P | P | | 998 |
| 813 | T4 | 3 | 93263 | 265020 | 17 | 5 | 1099936 AA | | 110 P | P | | 997 |
| 814 | T4 | 3 | 93263 | 265020 | 17 | 8 | 1099936 AA | | 110 P | P | | 996 |
| 815 | T4 | 3 | 96128 | 265020 | 17 | 1 | 1098942 AA | | 110 P | P | | 1030 |
| 816 | T4 | 3 | 96128 | 265020 | 17 | 9.5 | 1098942 AA | | 110 P | P | | 1029 |
| 817 | T4 | 3 | 96128 | 265020 | 17 | 2 | 1098942 AA | | 110 P | P | | 1028 |
| 818 | T4 | 3 | 96128 | 265020 | 17 | 5 | 1098942 AA | | 110 P | P | | 1027 |
| 819 | T4 | 3 | 96128 | 265020 | 17 | 8 | 1098942 AA | | 110 P | P | | 1026 |
| 820 | T4 | 3 | 96128 | 265020 | 17 | 1 | 1098942 AA | | 110 P | P | | 1025 |
| 821 | T4 | 3 | 96128 | 265020 | 17 | 6.5 | 1098822 AA | | 110 P | P | | 1024 |
| 822 | T4 | 3 | 96128 | 265020 | 17 | 3 | 1098822 AA | | 110 P | P | | 1023 |
| 823 | T4 | 3 | 96128 | 265020 | 17 | 5 | 1098822 AA | | 110 P | P | | 1022 |
| 824 | T4 | 3 | 96128 | 265020 | 17 | 8 | 1098822 AA | | 110 P | P | | 1021 |
| 825 | T4 | 3 | 96128 | 265020 | 17 | 1 | 1098822 AA | | 110 P | P | | 1020 |
| 826 | T4 | 3 | 96127 | 265020 | 17 | 6 | 1098828 AA | | 110 P | P | | 1019 |
| 827 | T4 | 3 | 96127 | 265020 | 17 | 6 | 1099936 AA | | 110 P | P | | 995 |
| 828 | T4 | 3 | 91928 | 265020 | 17 | 4 | 1098942 AA | | 110 P | P | | 1018 |
| 829 | T4 | 3 | 91928 | 265020 | 17 | 4 | 1098822 AA | | 110 P | P | | 1017 |
| 830 | T4 | 3 | 91928 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 994 |
| 831 | T4 | 3 | 91928 | 265020 | 17 | 3 | 1099579 AA | | 110 P | P | | 993 |
| 832 | T4 | 3 | 91928 | 265020 | 17 | 5 | 1099579 AA | | 110 P | P | | 992 |
| 833 | T4 | 3 | 92930 | 265020 | 17 | 1 | 1098825 AA | | 110 P | P | | 1016 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|--------|----------------|------------------------|--------------------------------|--------------------------------|-----------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation - Remark- |
| 834 | Plant | 345 | 1115 | 76 | 3/14/2017 | 1767 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | New Lime Feeder 001 |
| 835 | Plant | 345 | 1115 | 76 | 3/14/2017 | 1767 | Captive | Johnson, Harvey H. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | New Lime Feeder. 001 |
| 836 | Plant | 345 | 1115 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Middlesboro Lime Feeder |
| 837 | Plant | 345 | 1110 | 152 | 3/14/2017 | 1767 | Captive | Mills, Wendell G. | ELECTRIC PUMP EQUIP TRANS DIST | | Finish water meter 001 |
| 838 | Plant | 345 | 1110 | 305 | 3/14/2017 | 1767 | Captive | Mills, Wendell G. | ELECTRIC PUMP EQUIP TRANS DIST | | Finish water meter 001 |
| 839 | Plant | 345 | 1110 | 305 | 3/14/2017 | 1767 | Captive | Mills, Wendell G. | ELECTRIC PUMP EQUIP TRANS DIST | | Finish water meter 001 |
| 840 | Plant | 345 | 1110 | 152 | 3/14/2017 | 1767 | Captive | Johnson, Harvey H. | ELECTRIC PUMP EQUIP TRANS DIST | | Finish water meter. 001 |
| 841 | Plant | 345 | 1110 | 81 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro Finish Water |
| 842 | Plant | 345 | 1105 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meter |
| 843 | Plant | 345 | 1105 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Middlesboro Filter Pump 0 |
| 844 | Plant | 345 | 1105 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Middlesboro Filter Pump 0 |
| 845 | Plant | 345 | 1105 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meter |
| 846 | Plant | 345 | 1105 | 40 | 3/14/2017 | 1767 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meter |
| 847 | Plant | 345 | 1190 | 152 | 3/15/2017 | 1764 | Captive | Leonard, James R. | TOOL SHOP & MISC EQPT | | Purchase Trench Box 00 |
| 848 | Plant | 345 | 1140 | 152 | 3/15/2017 | 1764 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Install conduit Raw Wate0 |
| 849 | Plant | 345 | 1140 | 152 | 3/15/2017 | 1764 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton tested meter fil00 |
| 850 | Plant | 345 | 1125 | 152 | 3/15/2017 | 1764 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Install Valve Box at WTP 00 |
| 851 | Plant | 345 | 1125 | 305 | 3/15/2017 | 1764 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Install Valve Box at WTP 00 |
| 852 | Plant | 345 | 1125 | 152 | 3/15/2017 | 1764 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Install Valve Box at WTP 00 |
| 853 | Plant | 345 | 1125 | 152 | 3/15/2017 | 1764 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Install Valve Box at WTP 00 |
| 854 | Plant | 345 | 1105 | 305 | 3/15/2017 | 1764 | Captive | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Install Finish Meter cond00 |
| 855 | Plant | 345 | 1105 | 152 | 3/15/2017 | 1764 | Captive | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Install Finish Meter cond00 |
| 856 | Plant | 345 | 1140 | 20 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Install 001 |
| 857 | Plant | 345 | 1140 | 40 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Install 001 |
| 858 | Plant | 345 | 1140 | 81 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Install 001 |
| 859 | Plant | 345 | 1140 | 283 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Install 001 |
| 860 | Plant | 345 | 1140 | 81 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter Install 001 |
| 861 | Plant | 345 | 1140 | 152 | 2/28/2017 | 1761 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 862 | Plant | 345 | 1140 | 40 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Install 001 |
| 863 | Plant | 345 | 1140 | 76 | 2/28/2017 | 1761 | Captive | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 864 | Plant | 345 | 1140 | 20 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Install 001 |
| 865 | Plant | 345 | 1140 | 305 | 2/28/2017 | 1758 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Transport Clinton Meters 0 |
| 866 | Plant | 345 | 1140 | 152 | 2/28/2017 | 1758 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Box Installation 00 |
| 867 | Plant | 345 | 1140 | 152 | 2/28/2017 | 1758 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Box Installation 00 |
| 868 | Plant | 345 | 1140 | 76 | 2/28/2017 | 1758 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Transport Clinton Meters 0 |
| 869 | Plant | 345 | 1140 | 152 | 2/15/2017 | 1755 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Changed3-1inch meters for |
| 870 | Plant | 345 | 1140 | 76 | 2/14/2017 | 1752 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 871 | Plant | 345 | 1140 | 76 | 2/14/2017 | 1752 | Captive | Rushing, Ronald | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 872 | Plant | 345 | 1140 | 40 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Clinton Meter Install 001 |
| 873 | Plant | 345 | 1140 | 38 | 2/14/2017 | 1752 | Captive | Turner, John R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 874 | Plant | 345 | 1140 | 40 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Mboro Meter install 001 |
| 875 | Plant | 345 | 1130 | 381 | 2/28/2017 | 1761 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Replaced 60' service line00 |
| 876 | Plant | 345 | 1130 | 286 | 2/28/2017 | 1761 | Captive | Killion, Jeffrey | WATER SERVICE LINES | | SERVICE LINE LEAK 001 |
| 877 | Plant | 345 | 1130 | 121 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New service, Queensbury H |
| 878 | Plant | 345 | 1130 | 362 | 2/28/2017 | 1761 | Captive | Onkst, James H. | WATER SERVICE LINES | | water/leak service line 00 |
| 879 | Plant | 345 | 1130 | 152 | 2/28/2017 | 1758 | Captive | Leonard, James R. | WATER SERVICE LINES | | Replace leaking service 100 |
| 880 | Plant | 345 | 1130 | 404 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service 1327 N 25th S |
| 881 | Plant | 345 | 1130 | 40 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Hospital 001 |
| 882 | Plant | 345 | 1130 | 286 | 2/28/2017 | 356439 | Captive | MISSING CAPTIME 2 17 | WATER SERVICE LINES | | RAINES, THOMAS - 2/27/20 |
| 883 | Plant | 345 | 1125 | 81 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Mboro Main Replacement |
| 884 | Plant | 345 | 1125 | 152 | 2/28/2017 | 1758 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Turner Lane and 19th main |
| 885 | Plant | 345 | 1125 | 152 | 2/28/2017 | 1758 | Captive | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Turner Lane and 19th main |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 834 | T4 | 3 | 92930 | 265020 | 17 | 2 | 1098825 AA | | 110 P | P | | 1015 |
| 835 | T4 | 3 | 92930 | 265020 | 17 | 2 | 1098821 AA | | 110 P | P | | 1014 |
| 836 | T4 | 3 | 92930 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 991 |
| 837 | T4 | 3 | 95807 | 265020 | 17 | 4 | 1098825 AA | | 110 P | P | | 1013 |
| 838 | T4 | 3 | 95807 | 265020 | 17 | 8 | 1098825 AA | | 110 P | P | | 1012 |
| 839 | T4 | 3 | 95807 | 265020 | 17 | 8 | 1098825 AA | | 110 P | P | | 1011 |
| 840 | T4 | 3 | 95807 | 265020 | 17 | 4 | 1098821 AA | | 110 P | P | | 1010 |
| 841 | T4 | 3 | 95807 | 265020 | 17 | 2 | 1099579 AA | | 110 P | P | | 990 |
| 842 | T4 | 3 | 91259 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 1045 |
| 843 | T4 | 3 | 91260 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 989 |
| 844 | T4 | 3 | 91260 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 988 |
| 845 | T4 | 3 | 91259 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 987 |
| 846 | T4 | 3 | 91259 | 265020 | 17 | 1 | 1099579 AA | | 110 P | P | | 985 |
| 847 | T4 | 3 | 96448 | 265010 | 17 | 4 | 1099720 AA | | 102 P | P | | 755 |
| 848 | T4 | 3 | 93263 | 265010 | 17 | 4 | 1099720 AA | | 102 P | P | | 757 |
| 849 | T4 | 3 | 93263 | 265010 | 17 | 4 | 1099720 AA | | 102 P | P | | 756 |
| 850 | T4 | 3 | 91928 | 265010 | 17 | 4 | 1099720 AA | | 102 P | P | | 761 |
| 851 | T4 | 3 | 91928 | 265010 | 17 | 8 | 1099720 AA | | 102 P | P | | 760 |
| 852 | T4 | 3 | 91928 | 265010 | 17 | 4 | 1099720 AA | | 102 P | P | | 759 |
| 853 | T4 | 3 | 91928 | 265010 | 17 | 4 | 1099720 AA | | 102 P | P | | 758 |
| 854 | T4 | 3 | 91260 | 265010 | 17 | 8 | 1099720 AA | | 102 P | P | | 754 |
| 855 | T4 | 3 | 91260 | 265010 | 17 | 4 | 1099720 AA | | 102 P | P | | 753 |
| 856 | T4 | 2 | 93264 | 262551 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1083 |
| 857 | T4 | 2 | 93263 | 262551 | 17 | 1 | 1099579 AA | | 110 P | P | | 1080 |
| 858 | T4 | 2 | 93264 | 262551 | 17 | 2 | 1099579 AA | | 110 P | P | | 1079 |
| 859 | T4 | 2 | 93264 | 262551 | 17 | 7 | 1099579 AA | | 110 P | P | | 1078 |
| 860 | T4 | 2 | 93263 | 262551 | 17 | 2 | 1099579 AA | | 110 P | P | | 1077 |
| 861 | T4 | 2 | 93263 | 262551 | 17 | 4 | 1099936 AA | | 110 P | P | | 1076 |
| 862 | T4 | 2 | 93264 | 262551 | 17 | 1 | 1099579 AA | | 110 P | P | | 1071 |
| 863 | T4 | 2 | 93263 | 262551 | 17 | 2 | 1098828 AA | | 110 P | P | | 1066 |
| 864 | T4 | 2 | 93264 | 262551 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1065 |
| 865 | T4 | 2 | 93263 | 262549 | 17 | 8 | 1099720 AA | | 102 P | P | | 656 |
| 866 | T4 | 2 | 93264 | 262549 | 17 | 4 | 1099720 AA | | 102 P | P | | 655 |
| 867 | T4 | 2 | 93264 | 262549 | 17 | 4 | 1099720 AA | | 102 P | P | | 654 |
| 868 | T4 | 2 | 93263 | 262549 | 17 | 2 | 1099720 AA | | 102 P | P | | 650 |
| 869 | T4 | 2 | 93263 | 260877 | 17 | 4 | 1099720 AA | | 102 P | P | | 620 |
| 870 | T4 | 2 | 93263 | 260867 | 17 | 2 | 1099936 AA | | 112 P | P | | 998 |
| 871 | T4 | 2 | 93263 | 260867 | 17 | 2 | 1099936 AA | | 112 P | P | | 997 |
| 872 | T4 | 2 | 93263 | 260867 | 17 | 1 | 1099579 AA | | 112 P | P | | 996 |
| 873 | T4 | 2 | 93263 | 260867 | 17 | 1 | 1098828 AA | | 112 P | P | | 995 |
| 874 | T4 | 2 | 93264 | 260867 | 17 | 1 | 1099579 AA | | 112 P | P | | 994 |
| 875 | T4 | 2 | 96128 | 262551 | 17 | 10 | 1098942 AA | | 110 P | P | | 1082 |
| 876 | T4 | 2 | 96128 | 262551 | 17 | 7.5 | 1001142 AA | | 110 P | P | | 1081 |
| 877 | T4 | 2 | 96128 | 262551 | 17 | 3 | 1099579 AA | | 110 P | P | | 1075 |
| 878 | T4 | 2 | 96128 | 262551 | 17 | 9.5 | 1098822 AA | | 110 P | P | | 1067 |
| 879 | T4 | 2 | 96128 | 262549 | 17 | 4 | 1099720 AA | | 102 P | P | | 649 |
| 880 | T4 | 2 | 96128 | 260867 | 17 | 10 | 1099579 AA | | 112 P | P | | 1000 |
| 881 | T4 | 2 | 96128 | 260867 | 17 | 1 | 1099579 AA | | 112 P | P | | 999 |
| 882 | JE | 2 | 96128 | 262554 | 17 | | AA | | 112 G | P | | 117 |
| 883 | T4 | 2 | 91928 | 262551 | 17 | 2 | 1099579 AA | | 110 P | P | | 1074 |
| 884 | T4 | 2 | 91928 | 262549 | 17 | 4 | 1099720 AA | | 102 P | P | | 653 |
| 885 | T4 | 2 | 91928 | 262549 | 17 | 4 | 1099720 AA | | 102 P | P | | 651 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|-------|----------------|------------------------|--------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 886 | Plant | 345 | 1115 | 76 | 2/28/2017 | 1761 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | New Lime feeder 001 |
| 887 | Plant | 345 | 1115 | 38 | 2/28/2017 | 1761 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | New Lime feeder 001 |
| 888 | Plant | 345 | 1115 | 76 | 2/28/2017 | 1761 | Captive | Mills, Wendell G. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | New Lime feeder 001 |
| 889 | Plant | 345 | 1115 | 152 | 2/28/2017 | 1758 | Captive | Leonard, James R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Lime Feeder replacment 0 |
| 890 | Plant | 345 | 1115 | 152 | 2/28/2017 | 1758 | Captive | Leonard, James R. | WATER TREATMENT SYSTEMS | CHLRNTOR, MIXERS, CHEM PUMPS | Lime Feeder replacment 0 |
| 891 | Plant | 345 | 1110 | 20 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Mboro Finish Water MTR |
| 892 | Plant | 345 | 1110 | 20 | 2/28/2017 | 1761 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Clinton Raw Water MTR |
| 893 | Plant | 345 | 1110 | 81 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Clinton Raw Water Meter I |
| 894 | Plant | 345 | 1110 | 40 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Clinton Raw Water Meter I |
| 895 | Plant | 345 | 1110 | 40 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Clinton Raw Water Meter I |
| 896 | Plant | 345 | 1110 | 81 | 2/14/2017 | 1752 | Captive | Vaughn, Stephen R. | ELECTRIC PUMP EQUIP TRANS DIST | | Mboro Finish Water Meter |
| 897 | Plant | 345 | 1105 | 305 | 2/15/2017 | 1755 | Captive | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Haul 6 ft dia meter pit t001 |
| 898 | Plant | 345 | 1105 | 152 | 2/15/2017 | 1755 | Captive | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Purchasing Meter Vaults f0 |
| 899 | Plant | 345 | 1105 | 152 | 2/15/2017 | 1755 | Captive | Leonard, James R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Purchasing Meter Vaults f0 |
| 900 | Plant | 345 | 1105 | 38 | 2/14/2017 | 1752 | Captive | Turner, John R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 901 | Plant | 345 | 1140 | 20 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Installation 00 |
| 902 | Plant | 345 | 1140 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Installation 00 |
| 903 | Plant | 345 | 1140 | 20 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Installation 00 |
| 904 | Plant | 345 | 1140 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Installation 00 |
| 905 | Plant | 345 | 1140 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Installation 00 |
| 906 | Plant | 345 | 1140 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Installation 00 |
| 907 | Plant | 345 | 1140 | 76 | 1/31/2017 | 1749 | Captive | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 908 | Plant | 345 | 1130 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Hospital 001 |
| 909 | Plant | 345 | 1130 | 81 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Hospital 001 |
| 910 | Plant | 345 | 1130 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WATER SERVICE LINES | | New Service Hospital 001 |
| 911 | Plant | 345 | 1130 | 152 | 1/31/2017 | 1749 | Captive | Partin, Michael W. | WATER SERVICE LINES | | Repave roadway/ Leak site |
| 912 | Plant | 345 | 1130 | 152 | 1/31/2017 | 1749 | Captive | Onkst, James H. | WATER SERVICE LINES | | REPAVED ROAD 001 |
| 913 | Plant | 345 | 1105 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Finish water meter instal00 |
| 914 | Plant | 345 | 1105 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Finish water meter instal00 |
| 915 | Plant | 345 | 1105 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Finish water meter instal00 |
| 916 | Plant | 345 | 1105 | 81 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Finish water meter instal00 |
| 917 | Plant | 345 | 1105 | 20 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meters |
| 918 | Plant | 345 | 1105 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meters |
| 919 | Plant | 345 | 1105 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Clinton Raw Water Meters |
| 920 | Plant | 345 | 1105 | 84 | 1/31/2017 | 1749 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 921 | Plant | 345 | 1105 | 251 | 1/31/2017 | 1749 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 922 | Plant | 345 | 1105 | 76 | 1/31/2017 | 1749 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Transducer finished meter0 |
| 923 | Plant | 345 | 1105 | 76 | 1/31/2017 | 1749 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Transducer finished meter0 |
| 924 | Plant | 345 | 1105 | 152 | 1/31/2017 | 1749 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Transducer finished meter0 |
| 925 | Plant | 345 | 1105 | 76 | 1/31/2017 | 1749 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Transducer finished meter0 |
| 926 | Plant | 345 | 1105 | 38 | 1/31/2017 | 1749 | Captive | Mills, Wendell G. | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Transducer finished meter0 |
| 927 | Plant | 345 | 1105 | 84 | 1/31/2017 | 1749 | Captive | Wilson, Colby | WTR ELECT EQUIP,PUMPS,MOTORS | PUMPS & MOTORS | Cap Asset 001 6 |
| 928 | Plant | 345 | 1055 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | WTP Office Equipment 0 |
| 929 | Plant | 345 | 1055 | 40 | 1/31/2017 | 1749 | Captive | Vaughn, Stephen R. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | WTP Office Equipment 0 |
| 930 | Plant | 345 | 1055 | 42 | 1/31/2017 | 1749 | Captive | Wilson, Colby | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 931 | Plant | 345 | 1055 | 42 | 1/31/2017 | 1749 | Captive | Wilson, Colby | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Cap Asset 001 6 |
| 932 | Plant | 345 | 1055 | 38 | 1/31/2017 | 1749 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Lab/office chairs 001 6 |
| 933 | Plant | 345 | 1055 | 38 | 1/31/2017 | 1749 | Captive | Mills, Wendell G. | WATER BLDG & GRNDS | WATER TREATMNT BLDG, STG BLDGS | Lab/office chairs 001 6 |
| 934 | Plant | 345 | 1140 | 152 | 1/31/2017 | 1746 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Middlesboro Meter Exchang |
| 935 | Plant | 345 | 1140 | 152 | 1/31/2017 | 1746 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Midd finished water meter |
| 936 | Plant | 345 | 1140 | 76 | 1/31/2017 | 1746 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Raw Water Meter Project |
| 937 | Plant | 345 | 1140 | 152 | 1/31/2017 | 1746 | Captive | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Raw Water Meter Project |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 886 | T4 | 2 | 92930 | 262551 | 17 | 2 | 1098825 AA | | 110 P | P | | 1070 |
| 887 | T4 | 2 | 92930 | 262551 | 17 | 1 | 1098825 AA | | 110 P | P | | 1069 |
| 888 | T4 | 2 | 92930 | 262551 | 17 | 2 | 1098825 AA | | 110 P | P | | 1068 |
| 889 | T4 | 2 | 92930 | 262549 | 17 | 4 | 1099720 AA | | 102 P | P | | 657 |
| 890 | T4 | 2 | 92930 | 262549 | 17 | 4 | 1099720 AA | | 102 P | P | | 652 |
| 891 | T4 | 2 | 95807 | 262551 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1073 |
| 892 | T4 | 2 | 95806 | 262551 | 17 | 0.5 | 1099579 AA | | 110 P | P | | 1072 |
| 893 | T4 | 2 | 95806 | 260867 | 17 | 2 | 1099579 AA | | 112 P | P | | 1004 |
| 894 | T4 | 2 | 95806 | 260867 | 17 | 1 | 1099579 AA | | 112 P | P | | 1003 |
| 895 | T4 | 2 | 95806 | 260867 | 17 | 1 | 1099579 AA | | 112 P | P | | 1002 |
| 896 | T4 | 2 | 95807 | 260867 | 17 | 2 | 1099579 AA | | 112 P | P | | 1001 |
| 897 | T4 | 2 | 91259 | 260877 | 17 | 8 | 1099720 AA | | 102 P | P | | 619 |
| 898 | T4 | 2 | 91259 | 260877 | 17 | 4 | 1099720 AA | | 102 P | P | | 618 |
| 899 | T4 | 2 | 91259 | 260877 | 17 | 4 | 1099720 AA | | 102 P | P | | 617 |
| 900 | T4 | 2 | 91259 | 260867 | 17 | 1 | 1098828 AA | | 112 P | P | | 993 |
| 901 | T4 | 1 | 93264 | 258647 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1110 |
| 902 | T4 | 1 | 93264 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1109 |
| 903 | T4 | 1 | 93264 | 258647 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1108 |
| 904 | T4 | 1 | 93264 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1107 |
| 905 | T4 | 1 | 93264 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1106 |
| 906 | T4 | 1 | 93264 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1105 |
| 907 | T4 | 1 | 93264 | 258647 | 17 | 2 | 1001142 AA | | 105 P | P | | 1088 |
| 908 | T4 | 1 | 96128 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1104 |
| 909 | T4 | 1 | 96128 | 258647 | 17 | 2 | 1099579 AA | | 105 P | P | | 1103 |
| 910 | T4 | 1 | 96128 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1102 |
| 911 | T4 | 1 | 96128 | 258647 | 17 | 4 | 1098942 AA | | 105 P | P | | 1097 |
| 912 | T4 | 1 | 96128 | 258647 | 17 | 4 | 1098822 AA | | 105 P | P | | 1096 |
| 913 | T4 | 1 | 91260 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1119 |
| 914 | T4 | 1 | 91260 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1118 |
| 915 | T4 | 1 | 91260 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1117 |
| 916 | T4 | 1 | 91260 | 258647 | 17 | 2 | 1099579 AA | | 105 P | P | | 1116 |
| 917 | T4 | 1 | 91259 | 258647 | 17 | 0.5 | 1099579 AA | | 105 P | P | | 1115 |
| 918 | T4 | 1 | 91259 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1114 |
| 919 | T4 | 1 | 91259 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1113 |
| 920 | T4 | 1 | 91260 | 258647 | 17 | 2 | 1001177 AA | | 105 P | P | | 1101 |
| 921 | T4 | 1 | 91260 | 258647 | 17 | 6 | 1001177 AA | | 105 P | P | | 1100 |
| 922 | T4 | 1 | 91260 | 258647 | 17 | 2 | 1098825 AA | | 105 P | P | | 1095 |
| 923 | T4 | 1 | 91260 | 258647 | 17 | 2 | 1098825 AA | | 105 P | P | | 1094 |
| 924 | T4 | 1 | 91260 | 258647 | 17 | 4 | 1098825 AA | | 105 P | P | | 1093 |
| 925 | T4 | 1 | 91260 | 258647 | 17 | 2 | 1098825 AA | | 105 P | P | | 1092 |
| 926 | T4 | 1 | 91260 | 258647 | 17 | 1 | 1098825 AA | | 105 P | P | | 1091 |
| 927 | T4 | 1 | 91260 | 258647 | 17 | 2 | 1001177 AA | | 105 P | P | | 1087 |
| 928 | T4 | 1 | 92262 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1112 |
| 929 | T4 | 1 | 92262 | 258647 | 17 | 1 | 1099579 AA | | 105 P | P | | 1111 |
| 930 | T4 | 1 | 92262 | 258647 | 17 | 1 | 1001177 AA | | 105 P | P | | 1099 |
| 931 | T4 | 1 | 92262 | 258647 | 17 | 1 | 1001177 AA | | 105 P | P | | 1098 |
| 932 | T4 | 1 | 92262 | 258647 | 17 | 1 | 1098825 AA | | 105 P | P | | 1090 |
| 933 | T4 | 1 | 92262 | 258647 | 17 | 1 | 1098825 AA | | 105 P | P | | 1089 |
| 934 | T4 | 1 | 93264 | 258606 | 17 | 4 | 1099720 AA | | 102 P | P | | 616 |
| 935 | T4 | 1 | 93264 | 258606 | 17 | 4 | 1099720 AA | | 102 P | P | | 615 |
| 936 | T4 | 1 | 93263 | 258606 | 17 | 2 | 1099720 AA | | 102 P | P | | 614 |
| 937 | T4 | 1 | 93263 | 258606 | 17 | 4 | 1099720 AA | | 102 P | P | | 613 |

| | A | B | C | D | E | F | G | H | I | J | K |
|-----|---------------|------|-------|--------|-----------|--------|----------------|------------------------|--------------------------------|--------------------------------|------------------------------|
| 1 | PLANT/PROJECT | BU # | OBJ # | Amount | G/L Date | Doc # | Classification | Explanation Alpha Name | Asset Worked On | Additional Description | Explanation -Remark- |
| 938 | Plant | 345 | 1140 | 76 | 1/31/2017 | 1746 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Raw Water Meter Project |
| 939 | Plant | 345 | 1140 | 76 | 1/31/2017 | 1746 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Raw Water Meter Project |
| 940 | Plant | 345 | 1140 | 152 | 1/31/2017 | 1746 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Annual review of Clinton 00 |
| 941 | Plant | 345 | 1140 | 38 | 1/31/2017 | 1746 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Raw Water Meter Project |
| 942 | Plant | 345 | 1140 | 76 | 1/31/2017 | 1746 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Midd finished water meter |
| 943 | Plant | 345 | 1130 | 76 | 1/31/2017 | 1746 | Captime | Leonard, James R. | WATER SERVICE LINES | | Replaced service line 001 |
| 944 | Plant | 345 | 1130 | 114 | 1/31/2017 | 1746 | Captime | Leonard, James R. | WATER SERVICE LINES | | Replaced service line 001 |
| 945 | Plant | 345 | 1125 | 152 | 1/31/2017 | 1746 | Captime | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Turner lane water line pro0 |
| 946 | Plant | 345 | 1125 | 76 | 1/31/2017 | 1746 | Captime | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Turner lane water line pro0 |
| 947 | Plant | 345 | 1125 | 76 | 1/31/2017 | 1746 | Captime | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Turner lane water line pro0 |
| 948 | Plant | 345 | 1110 | 152 | 1/31/2017 | 1746 | Captime | Leonard, James R. | ELECTRIC PUMP EQUIP TRANS DIST | | Middlesboro SCADA 00 |
| 949 | Plant | 345 | 1195 | 76 | 1/17/2017 | 1743 | Captime | Mills, Wendell G. | LABORATORY EQPT | | Laboratory Equipment 00 |
| 950 | Plant | 345 | 1195 | 76 | 1/17/2017 | 1743 | Captime | Mills, Wendell G. | LABORATORY EQPT | | Laboratory Equipment 00 |
| 951 | Plant | 345 | 1190 | 152 | 1/17/2017 | 1743 | Captime | Partin, Michael W. | TOOL SHOP & MISC EQPT | | Replaced bolts in Jack ha00 |
| 952 | Plant | 345 | 1190 | 121 | 1/17/2017 | 1743 | Captime | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | New Backhoe teeth 001 |
| 953 | Plant | 345 | 1190 | 40 | 1/17/2017 | 1743 | Captime | Vaughn, Stephen R. | TOOL SHOP & MISC EQPT | | New Backhoe teeth 001 |
| 954 | Plant | 345 | 1140 | 76 | 1/17/2017 | 1743 | Captime | Partin, Michael W. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Meter Exchang 001 6 |
| 955 | Plant | 345 | 1140 | 76 | 1/17/2017 | 1743 | Captime | Killion, Jeffrey | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 956 | Plant | 345 | 1140 | 40 | 1/17/2017 | 1743 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Instalation 00 |
| 957 | Plant | 345 | 1140 | 40 | 1/17/2017 | 1743 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | New Meter Instalation 00 |
| 958 | Plant | 345 | 1130 | 343 | 1/17/2017 | 1743 | Captime | Killion, Jeffrey | WATER SERVICE LINES | | Cap Asset 001 6 |
| 959 | Plant | 345 | 1130 | 628 | 1/17/2017 | 1743 | Captime | Partin, Michael W. | WATER SERVICE LINES | | Replaced service under ro0 |
| 960 | Plant | 345 | 1130 | 628 | 1/17/2017 | 1743 | Captime | Onkst, James H. | WATER SERVICE LINES | | water/leak 19th street 00 |
| 961 | Plant | 345 | 1130 | 525 | 1/17/2017 | 1743 | Captime | Vaughn, Stephen R. | WATER SERVICE LINES | | New service Line Install 001 |
| 962 | Plant | 345 | 1130 | 81 | 1/17/2017 | 1743 | Captime | Vaughn, Stephen R. | WATER SERVICE LINES | | New service line instal c001 |
| 963 | Plant | 345 | 1140 | 152 | 1/15/2017 | 1740 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Planning Raw Water Meter |
| 964 | Plant | 345 | 1140 | 152 | 1/15/2017 | 1740 | Captime | Leonard, James R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Planning Raw Water Meter |
| 965 | Plant | 345 | 1130 | 152 | 1/15/2017 | 1740 | Captime | Leonard, James R. | WATER SERVICE LINES | | replaced 2 ft cu tubing/1001 |
| 966 | Plant | 345 | 1125 | 152 | 1/15/2017 | 1740 | Captime | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Planning Water line repla00 |
| 967 | Plant | 345 | 1125 | 152 | 1/15/2017 | 1740 | Captime | Leonard, James R. | WATER MAINS, NEW OR REPL | SECT OF MAIN INSTALL NEW/REPL | Planning Water line repla00 |
| 968 | Plant | 345 | 1140 | 40 | 1/3/2017 | 1737 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 969 | Plant | 345 | 1140 | 40 | 1/3/2017 | 1737 | Captime | Vaughn, Stephen R. | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | Cap Asset 001 6 |
| 970 | Plant | 345 | 1130 | 114 | 1/3/2017 | 1737 | Captime | Killion, Jeffrey | WATER SERVICE LINES | | replaced meter yoke {leak0 |
| 971 | Plant | 345 | 1130 | 114 | 1/3/2017 | 1737 | Captime | Onkst, James H. | WATER SERVICE LINES | | Leak/setter yoak replaced0 |
| 972 | Plant | 345 | 1130 | 114 | 1/3/2017 | 1737 | Captime | Partin, Michael W. | WATER SERVICE LINES | | Replaced Meter Yoke (Lea |
| 973 | Plant | 345 | 1140 | 76 | 1/31/2017 | 356108 | Captime | MISSING CAPTIME 1 17 | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RAINES, THOMAS - 1/9/201 |
| 974 | Plant | 345 | 1140 | 76 | 1/31/2017 | 356108 | Captime | MISSING CAPTIME 1 17 | METER INSTALLATIONS-NEW/REPL | METER REPLACEMENTS OR INSTALLS | RAINES, THOMAS - 1/23/20 |
| 975 | Plant | 345 | 1130 | 343 | 1/31/2017 | 356108 | Captime | MISSING CAPTIME 1 17 | WATER SERVICE LINES | | RAINES, THOMAS - 1/12/20 |

| | L | M | N | O | P | Q | R | S | T | U | V | W |
|-----|-------|-------|----------|--------------|----|-------|----------------|----|--------|--------|-------------|----------------|
| 1 | Do Ty | Month | Asset ID | Batch Number | FY | Units | Address Number | LT | Doc Co | Bth Ty | Posted Code | JE Line Number |
| 938 | T4 | 1 | 93263 | 258606 | 17 | 2 | 1099720 AA | | 102 P | P | | 612 |
| 939 | T4 | 1 | 93263 | 258606 | 17 | 2 | 1099720 AA | | 102 P | P | | 611 |
| 940 | T4 | 1 | 93263 | 258606 | 17 | 4 | 1099720 AA | | 102 P | P | | 610 |
| 941 | T4 | 1 | 93263 | 258606 | 17 | 1 | 1099720 AA | | 102 P | P | | 609 |
| 942 | T4 | 1 | 93264 | 258606 | 17 | 2 | 1099720 AA | | 102 P | P | | 604 |
| 943 | T4 | 1 | 96128 | 258606 | 17 | 2 | 1099720 AA | | 102 P | P | | 608 |
| 944 | T4 | 1 | 96128 | 258606 | 17 | 3 | 1099720 AA | | 102 P | P | | 607 |
| 945 | T4 | 1 | 91928 | 258606 | 17 | 4 | 1099720 AA | | 102 P | P | | 617 |
| 946 | T4 | 1 | 91928 | 258606 | 17 | 2 | 1099720 AA | | 102 P | P | | 606 |
| 947 | T4 | 1 | 91928 | 258606 | 17 | 2 | 1099720 AA | | 102 P | P | | 605 |
| 948 | T4 | 1 | 95807 | 258606 | 17 | 4 | 1099720 AA | | 102 P | P | | 603 |
| 949 | T4 | 1 | 97601 | 257494 | 17 | 2 | 1098825 AA | | 105 P | P | | 966 |
| 950 | T4 | 1 | 97601 | 257494 | 17 | 2 | 1098825 AA | | 105 P | P | | 965 |
| 951 | T4 | 1 | 96449 | 257494 | 17 | 4 | 1098942 AA | | 105 P | P | | 967 |
| 952 | T4 | 1 | 96449 | 257494 | 17 | 3 | 1099579 AA | | 105 P | P | | 964 |
| 953 | T4 | 1 | 96449 | 257494 | 17 | 1 | 1099579 AA | | 105 P | P | | 957 |
| 954 | T4 | 1 | 93264 | 257494 | 17 | 2 | 1098942 AA | | 105 P | P | | 968 |
| 955 | T4 | 1 | 93264 | 257494 | 17 | 2 | 1001142 AA | | 105 P | P | | 962 |
| 956 | T4 | 1 | 93264 | 257494 | 17 | 1 | 1099579 AA | | 105 P | P | | 959 |
| 957 | T4 | 1 | 93264 | 257494 | 17 | 1 | 1099579 AA | | 105 P | P | | 958 |
| 958 | T4 | 1 | 96128 | 257494 | 17 | 9 | 1001142 AA | | 105 P | P | | 970 |
| 959 | T4 | 1 | 96128 | 257494 | 17 | 16.5 | 1098942 AA | | 105 P | P | | 969 |
| 960 | T4 | 1 | 96128 | 257494 | 17 | 16.5 | 1098822 AA | | 105 P | P | | 963 |
| 961 | T4 | 1 | 96128 | 257494 | 17 | 13 | 1099579 AA | | 105 P | P | | 961 |
| 962 | T4 | 1 | 96128 | 257494 | 17 | 2 | 1099579 AA | | 105 P | P | | 960 |
| 963 | T4 | 1 | 93263 | 257174 | 17 | 4 | 1099720 AA | | 102 P | P | | 467 |
| 964 | T4 | 1 | 93263 | 257174 | 17 | 4 | 1099720 AA | | 102 P | P | | 466 |
| 965 | T4 | 1 | 96128 | 257174 | 17 | 4 | 1099720 AA | | 102 P | P | | 465 |
| 966 | T4 | 1 | 91928 | 257174 | 17 | 4 | 1099720 AA | | 102 P | P | | 464 |
| 967 | T4 | 1 | 91928 | 257174 | 17 | 4 | 1099720 AA | | 102 P | P | | 463 |
| 968 | T4 | 1 | 93264 | 256654 | 17 | 1 | 1099579 AA | | 110 P | P | | 491 |
| 969 | T4 | 1 | 93264 | 256654 | 17 | 1 | 1099579 AA | | 110 P | P | | 490 |
| 970 | T4 | 1 | 96128 | 256654 | 17 | 3 | 1001142 AA | | 110 P | P | | 489 |
| 971 | T4 | 1 | 96128 | 256654 | 17 | 3 | 1098822 AA | | 110 P | P | | 488 |
| 972 | T4 | 1 | 96128 | 256654 | 17 | 3 | 1098942 AA | | 110 P | P | | 487 |
| 973 | JE | 1 | 93264 | 258668 | 17 | | AA | | 102 G | P | | 85 |
| 974 | JE | 1 | 93264 | 258668 | 17 | | AA | | 102 G | P | | 84 |
| 975 | JE | 1 | 96128 | 258668 | 17 | | AA | | 102 G | P | | 83 |

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2. Refer to Water Service Kentucky's response to Staff's Second Request, Item 5.c., in which Steve Lubertozi states that Water Service Kentucky's position is that salaries should be capitalized when employees are engaged in construction for project work.

a. State whether Water Service Kentucky has proposed an adjustment of this nature before in any of its prior rate cases that were before the Kentucky Public Service Commission.

b. If so, identify which case the adjustment was proposed. If not, indicate why Water Service of Kentucky has never proposed the adjustment before.

Response:

- a. WSCK has proposed the capitalization of employees' time who are engaged in construction for project work. In this case, the Company is requesting that the Commission allow it to recover reasonably incurred salary expense for all other employee activity that is not related to project work through the income statement. The Company did not propose to recover all salary expense not booked in connection with the construction of projects through the income statement in previous rate cases.
- b. All of WSCK's sister companies within the Midwest Business Unit utilize a rate of return methodology to recover investment in their utilities. WSCK is unique in that, in previous rate cases, it has been encouraged to file, and has filed, rate cases utilizing the operating margin methodology. Since filing the rate case in Case No. 2015-00382, WSCK's management realized the incongruence of capitalizing salaries expense and recovering those expenses over the useful lives of the assets being

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depreciated, while not earning a reasonable return. As alluded to in witness Lubertozzi's testimony, no prudent investor would elect to recover an annual level of salaries expense over 50 years without returning a return on that investment.

Witness: Rob Guttormsen

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3. Refer to the responses to Staff's Second Request, Item 7.b. Provide all calculations that were used in developing the meter cost justifications in an Excel spreadsheet format with all rows and columns unprotected and accessible.

Response:

No such document exists. As indicated in Response to Item 7.b. to Staff's Second Request, it is not clear what is meant by "cost justification of the meters."

Witness: Mike Miller

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4. Refer to the responses to Staff's Second Request, Items 9.a. and 9.b.
 - a. Identify each affiliate of Water Service Kentucky's that used the services of Guastella Associates, LLC (Guastella Associates), to perform a depreciation analysis.
 - b. For those affiliates identified in Item 4.a. above, provide copies of the Depreciation Report, of the Direct Testimony filed in the proceeding, and the regulatory final decision
 - c. In Excel spreadsheet format with formulas intact and unprotected, and all rows and columns fully accessible, provide copies of all workpapers, calculations, an assumption used by Guastella Associates in developing each depreciation analysis identified in Item 4.a. above.

Response:

- a. Guastella Associates performed depreciation studies for Utility Services of Illinois, Inc. and Utilities Inc. of Indiana.
- b. See the multiple Attachments to Response to PSC DR 3. The attachments for the depreciation study for Utility Services of Illinois, Inc. is the latest of others performed by Guastella Associates that include the multiple systems of Utility Service of Illinois, Inc. Guastella Associates had performed separate studies for a number of those same systems on the same basis as the study provided in the attachment, and they were similarly approved by the Illinois Commerce Commission. Mr. Guastella

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- was unable to locate any additional Depreciation Reports, Direct Testimony, or the regulatory decisions related to WSCK affiliates.
- c. The attachments in response to 4b, above, include the “working” exhibits. The assumptions and basis for those studies are essentially the same and consistent with the information previously provided in response to Items 24 and 25 of the Staff’s Second Request.

Witness: John Guastella

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5. Refer to the responses to Staff's Second Request, Item 10.
- a. Provide all calculations that were used in developing these consumption charges in Excel spreadsheet format with all rows and columns unprotected and accessible.
- b. Explain in detail how Water Service Kentucky used judgment in determining the increases to the tier 1 and tier 2 rates. Provide support for this judgment for each rate class and tier.

Response:

- a. There are no additional calculations that are not included in the Excel versions of Exhibit CEH-1 and in the Company Exhibit 7, which were previously supplied.
- b. Judgment related to cost of service principles and gradualism were used in determining the relative increases for tier 1 and tier 2. In consideration that the Industrial customers have 89% of their consumption in tier 2, the tier 2 rate was set so that the revenue from the industrial class was equal to cost of service. The tier 1 rate was then set to recover the balance of Company's full revenue requirement that was not recovered through the customer charge or tier 2 rates.

Witness: Constance Heppenstall

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6. Refer to the responses to the Commission Staff's Second Request, Item 11.a.(1). In its January 30, 2018 Order establishing Case No. 2018-0043, the Commission ordered Water Service Kentucky to continue to record a deferred liability to reflect the reduction in the current income tax expense that resulted from the enactment of the Tax Cuts and Jobs Act's (TCJA) decrease in the FIT rate from 35 percent to 21 percent. Explain why Water Service Kentucky has not complied with the Commission's directive in the January 30, 2018 Order.

Response:

Due to the TCJA there are two types of possible regulatory liabilities that could be created, see below:

1. Excess Accumulated Deferred Income Taxes Due: As stated in the Direct Testimony of Steven M. Lubertozi in Case No. 2017-00481, WSCK's customer's rates are set using the Operating Ratio ("OR") methodology. An OR case allows a utility to recover its costs plus a return or margin on certain expenses. A rate base rate of return rate case allows a utility to earn a return on and of its investment, and this investment would typically include reduction (liability) from Accumulated Deferred Income Taxes. Absent this liability, it would not be appropriate to WSCK to create the regulatory liability for the excess deferred income taxes contemplated in the Commission's December 27, 2017 order. Therefore, WSCK did not set up a regulatory liability as it relates to the Excess Accumulated Deferred Income Taxes.

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2. Reduction of the federal corporate income tax expense included in rates: In WSCK's most recent rate case, Case No. 2015-00382, there was no determination as to the amount of federal corporate income tax expenses included in rates. With no determination of the federal corporate income tax expense included in customer's rates there is no refund due to customers. Therefore, WSCK would not be in a position to record a regulatory liability and none were recorded. Even if there was a way to calculate a regulatory liability, WSCK's revenue was deficient to cover all of its operating expenses including the authorized operating ratio, regardless of the federal income tax rate. See WSCK's Response to Item 8 of the Staff's Third Information Request

Witness: Steve Lubertozi

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7. Provide Water Service Kentucky's income statement for the 12-month period ending September 30, 2017.

Response:

Please see the attached file "Response to PSC DR 3-7 3-9 (WSCK Tax DR)".

Witness: Steve Lubertozi

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Response to PSC DR 3-7 3-9
(WSCK Tax DR)

Response to Commission Staff's Third Information Request, Questions 7

| Line No. | Description | 09/30/17 | 12/31/17 | 12/31/17 |
|----------|--|--------------|--------------|--------------|
| 1. | Total Revenue | \$ 2,472,699 | \$ 2,477,391 | \$ 2,477,391 |
| 2. | | | | |
| 3. | Maintenance Expense | 991,801 | 1,114,973 | 1,114,973 |
| 4. | General Expense | 787,980 | 670,828 | 670,828 |
| 5. | Depreciation & Amortization | 278,843 | 278,884 | 278,884 |
| 6. | Taxes Other Than Income | 136,283 | 156,799 | 156,799 |
| 7. | Income from Management Services | (177,248) | (177,741) | (177,741) |
| 8. | Interest Expense | 162,864 | 156,983 | 156,983 |
| 9. | | | | |
| 10. | Taxable Income | \$ 292,175 | \$ 276,666 | \$ 276,666 |
| 11. | State Tax Rate | 6% | 6% | 5% |
| 12. | Total State Income Taxes | 17,530 | 16,600 | 13,833 |
| 13. | | | | |
| 14. | Taxable Income before taxes | \$ 292,175 | \$ 276,666 | \$ 276,666 |
| 15. | | | | |
| 16. | Less: State I/T | 17,530 | 16,600 | 13,833 |
| 17. | | | | |
| 18. | Federal Taxable Income | 274,644 | 260,066 | 262,833 |
| 19. | Federal Tax Rate | 35% | 35% | 21% |
| 20. | | | | |
| 21. | Total Federal Taxes | \$ 96,126 | \$ 91,023 | \$ 55,195 |
| 22. | | | | |
| 23. | Net Income | \$ 178,519 | \$ 169,043 | \$ 207,638 |
| 24. | | | | |
| 25. | Total Operating Expenses | \$ 2,294,181 | \$ 2,308,348 | \$ 2,269,753 |
| 26. | Less: Federal & State Income Taxes | 113,656 | 107,623 | 69,028 |
| 27. | | | | |
| 28. | Operating Expenses Net of Income Taxes | \$ 2,180,525 | \$ 2,200,725 | \$ 2,200,725 |
| 29. | Divide by: Operating Ratio | 88% | 88% | 88% |
| 30. | | | | |
| 31. | Revenue to Cover Operating Ratio | \$ 2,477,869 | \$ 2,500,824 | \$ 2,500,824 |
| 32. | | | | |
| 33. | Revenue (Deficiency) or Excess | \$ (5,169) | \$ (23,432) | \$ (23,432) |
| 34. | | | | |
| 35. | Rate Base | \$ 5,816,009 | \$ 6,278,121 | \$ 6,278,121 |
| 36. | | | | |
| 37. | Equity Thickness | 51.85% | 51.85% | 51.85% |
| 38. | | | | |
| 39. | Return on Equity | 5.92% | 5.19% | 6.38% |

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8. a. Using Water Service Kentucky's income statement provided in the response to Item 7. above, and the table below, provide the revenue reduction resulting from the decrease in the federal income tax (FIT) rate from 35 percent to 21 percent.

b. Provide all workpapers, calculations and assumptions that were used in developing this response in Excel spreadsheet format with all rows and columns unprotected and accessible.

Response:

WSCK objects to this request as the information requested for the 12-month period ending September 30, 2017, is not relevant in the calculation of rates or any issues raised in Case No. 2018-00043. Without waiving this objection, WSCK responds as follows: WSCK does not believe there is any revenue reduction due to customer resulting from the decrease to the federal income tax rate from 35% to 21%. For the 12 months ended September 2017 and for the 12 months ended December 2017, WSCK's revenue was deficient to cover all of its operating expenses including the authorized operating ratio regardless of the federal income tax rate. Furthermore, WSCK's Return on Equity was 5.92% as of September 2017 and was 5.19% as of December 2017, which is well below the range of ROEs sought by investors and well below ROEs granted by Commissions across the US. See attached Excel file titled "Response to PSC DR 3-7 3-9 (WSCK Tax DR)".

Witness: Steve Lubertozi

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9. Provide Water Service Kentucky's income statement for the calendar year ending December 31, 2017.

Response:

The income statement was provided in response to Item 3 of the Commission's First Request for Information. See the Excel file "Staff DR 1.3 - Filing Template." In addition, please see the Excel file "Response to PSC DR 3-7 3-9 (WSCK Tax DR)".

Witness: Steve Lubertozi

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10. a. Using Water Service Kentucky's income statement provided in the response to Item 9. above, and the table provided in Item 8 provide the revenue reduction resulting from the decrease in the federal income tax (FIT) rate from 35 percent to 21 percent.

b. Provide all workpapers, calculations and assumptions that were used in developing this response in Excel spreadsheet format with all rows and columns unprotected and accessible.

Response:

Please note that WSCK completed this request as it anticipated the Staff's request to be.

In response, please see the response provided to Staff DR 3-8.

Witness: Steve Lubertozi

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11. Miller states that the tank painting projects are anticipated to begin in early April 2019 and take approximately four months to complete. Identify an example in which the Kentucky Public Service Commission has allowed an adjustment for a capital project of this nature that has yet to be started or completed in a historical test-year rate case.

Response:

The Company is unaware of any other Kentucky Commission allowed adjustment for a projected capital project which has yet to be started or completed in a historical test-year rate case. The Company's position is that the Kentucky Commission makes its determination in each case based on the evidence submitted in that case. Consistent with rate year operating expense adjustments for items which are known and measurable in nature, these tank painting projects are also known and measurable and should be included for recovery. The Company has had the tanks evaluated by an engineering firm and it is by their recommendation that the work be performed in the next 1-2 years. The interior coating is failing and a delay in performing the necessary work may result in additional repair and replacement costs as the tanks corrode. The Company believes the optimal timing for bidding the work out is around the 4th quarter of 2018, while painting contractors are scheduling their work for the year ahead.

Attempting to start and/or complete these projects inside of a short window with the sole purpose of having shown that the projects are "started", with short notice to contractors,

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would likely result in inflated bids and reduced quality. Neither inflated costs or reduced quality are appropriate trade-offs to increase the chances that the Commission accepts the Company's tank painting adjustment even as the Company can still show the costs are known and measurable.

Witness: Mike Miller

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12. Refer to the responses to Staff's Second Request, Item 23.a., in which Mr. Miller states that "The reduction from 2016 to 2017 was based on switching from a type of carbon, to a more effective type" State what the previous type of carbon Water Service of Kentucky was using and what type that they switched to, to realize a cost savings.

Response:

WSCK previous was using Cabot Hydrodarco B. WSCK is currently using Jacobi AquaSorb C.

Witness: Mike Miller

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13. In the responses to Item 25.a. of Staff's Second Request John Guastella states that Guastella Associates has performed similar studies for clients in other jurisdictions that were approved.

a. Identify those state regulatory bodies where Guastella Associates presented a Depreciation Report and provided testimony for studies similar to Water Service Kentucky.

b. For those jurisdictions identified in Item 7.a. above, provide copies of the Depreciation Report, of the Direct Testimony filed in the proceeding, and the regulatory final decision.

c. In Excel spreadsheet format with formulas intact and unprotected, and all rows and columns fully accessible, provide copies of all workpapers, calculations, and assumptions used by Guastella Associates in developing each depreciation analysis identified in Item 7.a. above.

Response:

In addition to Illinois and Indiana discussed in Item 4b above, similar depreciation studies were performed for Guastella Associates client in rate cases in Arizona. Comparable data was also used for depreciation rates in rate filings in other jurisdictions and accepted but without the need to present a depreciation study. The "as-filed" testimony and the proposed depreciation rates in Arizona case WS-01303A-16-0145 are attached to this response. The proposed depreciation rates were accepted by the Arizona Commission, whose decision can be viewed at <http://docket.images.azcc.gov/0000180847.pdf>. The "as-filed" testimony in Arizona case WS-01303A-17-0257 is attached. That case is

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currently pending, but no parties to the case objected to the depreciation rates proposed by Guastella Associates, and Mr. Guastella's presence at the hearing was not requested.

The electronic docket for that case may be viewed at the following link:

<http://edocket.azcc.gov/Docket/DocketDetailSearch?docketId=20138#docket-detail-container1>

Witness: John Guastella

Documents from
Arizona Corporation Commission
Case WS-01303A-17-0257

BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

TOM FORESE, Chairman
BOB BURNS
DOUG LITTLE
ANDY TOBIN
BOYD W. DUNN

IN THE MATTER OF THE APPLICATION
OF EPCOR WATER ARIZONA INC. FOR A
DETERMINATION OF THE CURRENT
FAIR VALUE OF ITS UTILITY PLANT AND
PROPERTY AND FOR
INCREASES/DECREASES IN ITS RATES
AND CHARGES BASED THEREON FOR
UTILITY SERVICE BY ITS AGUA FRIA,
ANTHEM, HAVASU, MOHAVE, NORTH
MOHAVE, PARADISE VALLEY, SUN CITY,
SUN CITY WEST, TUBAC, AND WILLOW
VALLEY WATER DISTRICTS AND FOR
CONSIDERATION OF CONSOLIDATION
PROPOSALS

DOCKET NO: WS-01303A-17-

**DIRECT TESTIMONY
OF
JOHN F. GUASTELLA
ON BEHALF OF
EPCOR WATER ARIZONA INC.**

**DIRECT TESTIMONY
OF
JOHN F. GUASTELLA
ON BEHALF OF
EPCOR WATER ARIZONA INC.**

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1 **EXECUTIVE SUMMARY**

2 John F. Guastella testifies as follows:

3 In connection with the rate application by EPCOR Water Arizona Inc. (“EWAZ” or
4 “Company”) for its Agua Fria, Anthem, Chaparral, Havasu, Mohave, North Mohave,
5 Paradise Valley, Sun City, Sun City West, Tubac and Willow Valley Water Districts, I am
6 recommending the use of similar average service lives and resultant depreciation rates, by
7 account, for all water systems, as reflected in Exhibit JFG-1. EWAZ now uses various
8 depreciation rates, including some that reflect general guidelines by the Utilities Division
9 Staff of the Arizona Corporation Commission (“Commission”). On the basis of previous
10 comparative depreciation studies I performed on behalf of the Company, and its predecessor,
11 Arizona American Water Company, and a review of the environmental impact on certain
12 assets of climate conditions unique to Arizona, I found that the Commission Staff’s
13 recommended guideline depreciation rates are appropriate for most accounts, with the
14 exception of power production and pumping, water treatment equipment, meter installations
15 and vaults, ground storage tanks, and transportation equipment.

1 **I. INTRODUCTION AND QUALIFICATIONS**

2 **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND TELEPHONE**
3 **NUMBER.**

4 A. My name is John F. Guastella. My business address is Guastella Associates, LLC,
5 725 N. Highway A1A, Suite B103, Jupiter, Florida 33477. My telephone number is
6 (561) 747-9867.

7 **Q. BRIEFLY DESCRIBE YOUR QUALIFICATIONS AND EXPERIENCE.**

8 A. I graduated from Stevens Institute of Technology with a degree in Mechanical
9 Engineering. My professional career began with employment by the New York State
10 Public Service Commission (“NYPSC”) where I worked for 16 years. When I left the
11 NYPSC to form my own consulting firm, I was Director of the Water Division
12 responsible for the regulation of some 450 water utilities, involving all aspects of rates
13 and valuation, and the service provided by the water utilities. While with the NYPSC,
14 I served as Chairman of the Staff Subcommittee of the Water Committee of the
15 National Association of Regulatory Utility Commissioners, (“NARUC”), and I was
16 one of the founders and faculty of the NARUC Water Rate Seminar. I remain a
17 faculty member of this rate seminar and have taught the basics of rate setting and
18 utility regulation to some 7,500 students over the last 42 years. As a consultant, I
19 have been involved in the preparation of rate analyses, valuations, appraisals,
20 depreciation studies, and various studies regarding utility regulatory issues. I have
21 testified as an expert in 25 states with respect to rate setting, valuation, depreciation,
22 appraisals and condemnation cases, before regulatory agencies, courts and at
23 municipal hearings. A detailed statement of my qualifications and experience is
24 attached as Exhibit JFG-A.

1 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

2 A. I am President of Guastella Associates, LLC.

3 **II. PURPOSE OF TESTIMONY**

4 **Q. PLEASE DESCRIBE THE PURPOSE OF YOUR TESTIMONY.**

5 A. The purpose of my testimony is to describe my review of the depreciation rates
6 applicable to the depreciable assets of the EPCOR Water Arizona Inc. (“EWAZ” or
7 “Company”) water systems, and provide my opinion as to appropriate revisions.

8 **III. DEPRECIATION RATES**

9 **Q. PLEASE DESCRIBE THE APPROACH YOU USED REGARDING YOUR**
10 **ANALYSIS OF AVERAGE SERVICE LIVES AND DEPRECIATION RATES**
11 **FOR EWAZ’S DEPRECIABLE WATER ASSETS.**

12 A. Consistent with my recent study of the Company’s wastewater depreciation rates as
13 presented in Docket No. WS-01303A-16-0145 and a previous 2010 depreciation
14 study of water and wastewater assets, it has been determined that the best available
15 depreciation analysis be performed on the basis of comparative average service lives
16 and depreciation rates. The primary reasons found for this approach are the lack of
17 sufficient retirement data because of the size of the Company’s various districts and
18 their historic development, and the high cost of performing actuarial studies that
19 would likely produce incomplete or uncertain results for systems with limited
20 retirement data. It continues to be my experience that actuarial studies are rarely, if
21 ever, performed for water utilities the size of EWAZ. Instead, depreciation rates are
22 typically established on the basis of comparative analyses.

23 **Q. PLEASE DESCRIBE THE GOAL OF DEPRECIATION FOR RATE-**
24 **SETTING PURPOSES.**

1 A. The goal of depreciation for rate-setting purposes is to allow utilities to recover the
2 original cost of the assets that are used and useful in providing service to their
3 customers, and at a level that spreads the recovery of the costs over the estimated life
4 of the assets so that each generation of customers pays its fair share of the costs
5 according to the use of the assets in providing service to them. The Uniform System
6 of Accounts (“USOA”) published by the National Association of Regulatory Utility
7 Commissioners (“NARUC”) defines depreciation as follows:

8 Depreciation, as applied to depreciable utility plant, means the loss
9 in service value not restored by current maintenance, incurred in
10 connection with the consumption or prospective retirement of utility
11 plant in the course of providing service from causes which are
12 known to be in current operation and against which the utility is not
13 protected by insurance. Among the causes to be given consideration
14 are wear and tear, decay, action of the elements, inadequacy,
15 obsolescence, changes in the art, changes in demand, and
16 requirements of public authorities.¹
17

18 Under this definition, depreciation studies are performed in order to estimate the
19 average service lives of various depreciable assets, the major component with which
20 to calculate depreciation rates. Application of depreciation rates to the original cost
21 of assets establishes annual depreciation expense allowances in utility rates for
22 service that will meet the goal of reasonable cost recovery and intergenerational
23 equity. In addition to average service lives, the other component in the calculation of
24 depreciation rates is net salvage values, or salvage value less cost of removal. I would
25 note, however, that it is my understanding that the Arizona Corporation Commission
26 (“Commission”) Utilities Division Staff (“Staff”) recommended guideline depreciation
27 rates take into account net salvage within its estimated average service lives.

¹ Citation - From the 1996 NARUC USOA Manual at 10.

1 **Q. WOULD YOU BRIEFLY EXPLAIN HOW THE RESULTS OF YOUR**
2 **PREVIOUS DEPRECIATION STUDIES CONTINUE TO BE USEFUL**
3 **WITH RESPECT TO THE WATER SYSTEM ASSETS?**

4 A. The comparable data in the 2010 study were primarily for assets of water utilities,
5 which provided a database of a range of average service lives and depreciation rates.
6 Consistent with my recent wastewater study,² I have taken into account the climate in
7 Arizona and the extent to which the Commission Staff's guideline depreciation rates
8 compare to the range of average service lives and resultant depreciation rates from my
9 database. I have discussed with the Company whether there are any factors with
10 respect to depreciation of specific assets that may be subject to variation from the
11 Commission Staff's guideline depreciation rates that are material enough to warrant
12 revision.

13 **Q. DID THE COMPANY IDENTIFY ANY PARTICULAR WATER ASSETS**
14 **THAT WARRANT ALTERNATIVES TO THE COMMISSION STAFF'S**
15 **GUIDELINE DEPRECIATION RATES?**

16 A. Yes. Based on discussions with Company personnel, it was concluded that while
17 most of the Commission Staff's guideline depreciation rates were within the range of
18 my data base as well as reasonably representative of the Company's existing and
19 anticipated experience, there were a few categories of accounts for which different
20 depreciation rates would be more appropriate. Those accounts include the various
21 pumping equipment accounts (all 311 Accounts), water treatment equipment – non-
22 media accounts (320100 and 320101 Accounts), ground storage accounts (above and
23 below ground) (330200, 330300, and 330400 Accounts) and meter installations

² Docket No. WS-01303A-16-0145 filed on April 29, 2016 and located at
<http://docket.images.azcc.gov/0000169077.pdf>.

1 (Account 334200), meter vault accounts (Account 334300), and transportation
2 equipment accounts (341100, 341101, 341200, 341300, and 341400 Accounts).

3 **Q. DID YOU DEVELOP ALTERNATIVES TO THE COMMISSION STAFF'S**
4 **GUIDELINE DEPRECIATION RATES TO REFLECT THOSE**
5 **CONSIDERATIONS?**

6 A. Yes.

7 **Q. WHAT DEPRECIATION RATES DO YOU RECOMMEND FOR THE**
8 **PUMPING EQUIPMENT ACCOUNTS?**

9 A. I recommend an 8.33% depreciation rate for the pumping equipment accounts,
10 including: A/C 31100 Pumping Equipment Steam, A/C 311001 Pumping Equipment,
11 A/C 311200 Pumping Equipment Electric, A/C 311300 Pumping Equipment Diesel,
12 A/C 311400 Pumping Equipment Hydraulic, A/C 311500 Pumping Equipment Other
13 and A/C 311530 Pumping Equipment Water Treatment. The Commission Staff's
14 guideline depreciation rate for these accounts is 12.5% on the basis of an average
15 service life ("ASL") of 8 years. As previously noted, I assume that the Commission
16 Staff's guideline depreciation rates and average service lives take into account its
17 judgment with respect to net salvage. While the Commission Staff's guideline
18 depreciation rate of 12.5% for pumping equipment is the same as my recommendation
19 for wastewater pumps, it is too high for water pumps. After confirming with the
20 Company, instead of an 8-year ASL, 12 years would be more appropriate. The
21 resulting depreciation rate of 8.33% would be less than Commission Staff's
22 recommended 12.5% rate.

23 **Q. WHAT DEPRECIATION RATES DO YOU RECOMMEND FOR THE**
24 **WATER TREATMENT ACCOUNTS?**

1 A. The Commission Staff's guideline depreciation rate of 3.33% is the same for all water
2 treatment accounts. While I agree that a 30 year ASL and a 3.33% depreciation rate is
3 appropriate for treatment structures, A/C 304300 Structures and Improvements
4 Treatment, the ASLs for treatment equipment, non-media and filter media, are
5 significantly less than 30 years. My previous study recommended a 20-year ASL for
6 water treatment equipment non-media, A/C 320100 and 320101, and an ASL of 10
7 years for water treatment filter media, A/C 320200; the Company agrees that those
8 ASLs are more reasonable. Accordingly, I recommend depreciation rates of 5.0% for
9 A/C 320100 and A/C 320101 and 10% for A/C 320200.

10 **Q. WHAT DEPRECIATION RATES DO YOU RECOMMEND FOR GROUND**
11 **LEVEL AND BELOW GROUND LEVEL TANKS?**

12 A. The Commission Staff's guideline depreciation rate of 5% for above and below ground
13 tanks reflects a 20-year ASL that is significantly lower than comparable data from my
14 previous study. Based on discussions with the Company confirming that its
15 experience with these tanks is longer than 20 years, I recommend an ASL of 50 years
16 and a resultant 2.0% depreciation rate for A/C 330200 Ground Level Tanks, A/C
17 330300 Below Ground Tanks, and A/C 330400 Clearwell.

18 **Q. WHAT DEPRECIATION RATES DO YOU RECOMMEND FOR METER**
19 **INSTALLATIONS AND METER VAULTS?**

20 A. While the Commission Staff's ASL of 12 years for meters is consistent with the
21 Company's meter change out schedule, it is not an appropriate ASL for meter
22 installations and meter vaults for which a 30-year ASL is more reasonable.
23 Accordingly, I recommend a depreciation rate of 3.33% for A/C 334200 Meter
24 Installations and A/C 334300 for Meter Vaults.

1 **Q. WHAT DEPRECIATION RATES DO YOU RECOMMEND FOR**
2 **TRANSPORTATION EQUIPMENT?**

3 A. I am proposing a seven-year useful life or 14.29% annual depreciation rate for
4 NARUC accounts 341100-Transportation Equipment Light Duty Trucks, 341101-
5 Transportation Equipment Light Duty Trucks, 341200- Transportation Equipment
6 Heavy Duty Trucks, 341300- Transportation Equipment Autos, and 341400-
7 Transportation Equipment Other. This recommendation is consistent with the
8 Company's replacement plans for all light- and heavy- duty vehicles at 85,000 miles
9 or seven years. Based on discussions with the Company, maintenance costs and
10 safety risks experience significant increases year over year for these vehicles and
11 equipment when retained longer than seven years.

12 **Q. DO YOU HAVE ANY OTHER REVISIONS TO THE COMMISSION STAFF'S**
13 **GUIDELINE DEPRECIATION RATES?**

14 A. No. In my opinion, while my revisions to certain of the Commission Staff's guideline
15 depreciation rates better reflect comparable data and particular circumstances of the
16 Company's experience, the overall increases and decreases to those accounts, along
17 with adoption of the other Commission Staff's guideline depreciation rates, should
18 achieve intergenerational equity with respect to asset cost recovery.

19 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

20 A. Yes.

EXHIBIT JFG-1

**Recommended Depreciation Rates
Water**

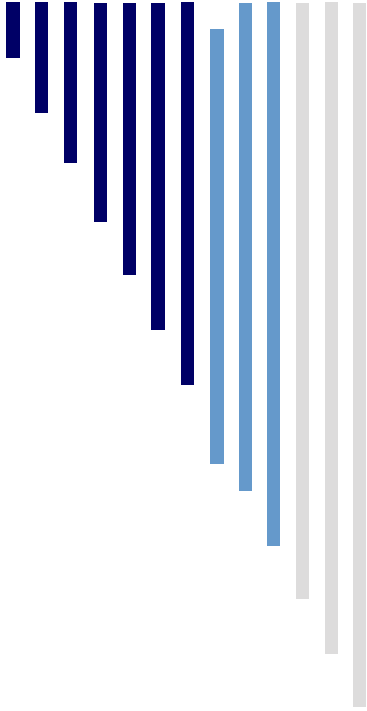
| Account No. | Description | Annual Depreciation Rates |
|-------------|--|---------------------------|
| 304100 | Structures & Improvements Supply | 3.33% |
| 304200 | Structures & Improvements Pumping | 3.33% |
| 304300 | Structures & Improvements Treatment | 3.33% |
| 304400 | Structures & Improvements Trans & Dist | 3.33% |
| 304500 | Structures & Improvements General | 3.33% |
| 304600 | Structures & Improvements Offices | 3.33% |
| 304620 | Structures & Improvements Leasehold | 3.33% |
| 304621 | Structures & Improvements Leasehold | 3.33% |
| 304700 | Structures & Improvements Store,Shop,Gge | 3.33% |
| 304800 | Structures & Improvements Miscellaneous | 3.33% |
| 305000 | Collect & Impounding | 2.50% |
| 306000 | Lake, River & Other Intakes | 2.50% |
| 307000 | Wells & Springs | 3.33% |
| 308000 | Infiltration Galleries | 6.67% |
| 309000 | Supply Mains | 2.00% |
| 310000 | Power Production Equipment | 5.00% |
| 310100 | Power Production Equipment | 5.00% |
| 311000 | Pumping Equipment Steam | 8.33% |
| 311001 | Pumping Equipment | 8.33% |
| 311200 | Pumping Equipment Electric | 8.33% |
| 311300 | Pumping Equipment Diesel | 8.33% |
| 311400 | Pumping Equipment Hydraulic | 8.33% |
| 311500 | Pumping Equipment Other | 8.33% |
| 311530 | Pumping Equipment Water Treatment | 8.33% |
| 320100 | Water Treatment Equipment Non-Media | 5.00% |
| 320101 | Water Treatment Equipment Non-Media | 5.00% |
| 320200 | Water Treatment Equipment Filter Media | 10.00% |
| 330000 | Distribution Reservoirs & Standpipes | 2.22% |
| 330100 | Elevated Tank & Standpipes | 2.22% |
| 330200 | Ground Level Tanks | 2.00% |
| 330300 | Below Ground Tanks | 2.00% |
| 330400 | Clearwell | 2.00% |
| 331001 | TD Mains Not Classified by Size | 2.00% |
| 331100 | TD Mains 4in & Less | 2.00% |
| 331200 | TD Mains 6in to 8in | 2.00% |
| 331300 | TD Mains 10in to 16in | 2.00% |
| 331400 | TD Mains 18in & Grtr | 2.00% |
| 332000 | Fire Mains | 2.00% |
| 333000 | Services | 3.33% |
| 334100 | Meters | 8.33% |
| 334101 | Meters | 8.33% |
| 334200 | Meter Installations | 3.33% |

**Recommended Depreciation Rates
Water**

| Account No. | Description | Annual Depreciation Rates |
|-------------|--|---------------------------|
| 334300 | Meter Vaults | 3.33% |
| 335000 | Hydrants | 2.00% |
| 336000 | Backflow Prevention Devices | 6.67% |
| 339100 | Other P/E-Intangible | 6.67% |
| 339200 | Other P/E-Supply | 6.67% |
| 339500 | Other TD Plant | 6.67% |
| 339600 | Other P/E-CPS | 6.67% |
| 339601 | Other P/E-CPS | 6.67% |
| 340100 | Office Furniture & Equipment | 6.67% |
| 340200 | Computer & Periphel Equipment | 20.00% |
| 340201 | Computer & Periphel Equipment | 20.00% |
| 340300 | Computer Software | 20.00% |
| 340301 | Computer Software | 20.00% |
| 340310 | Computer Software | 20.00% |
| 340325 | Computer Software Customized | 20.00% |
| 340330 | Computer Software Other | 20.00% |
| 340500 | Other Office Equipment | 6.67% |
| 341100 | Transportation Equip Light Duty Trucks | 14.29% |
| 341101 | Transportation Equip Light Duty Trucks | 14.29% |
| 341200 | Transportation Equip Heavy Duty Trucks | 14.29% |
| 341300 | Transportation Equipment Autos | 14.29% |
| 341400 | Transportation Equipment Other | 14.29% |
| 342000 | Stores Equipment | 4.00% |
| 343000 | Tools,Shop,Garage Equipment | 5.00% |
| 343001 | Tools,Shop,Garage Equipment | 5.00% |
| 344000 | Laboratory Equipment | 10.00% |
| 344001 | Laboratory Equipment | 10.00% |
| 345000 | Power Operated Equipment | 5.00% |
| 345001 | Power Operated Equipment | 5.00% |
| 346100 | Communication Equipment Non-Telephone | 10.00% |
| 346101 | Communication Equipment Non-Telephone | 10.00% |
| 346190 | Remote Control & Instrument | 10.00% |
| 346200 | Communication Equipment Telephone | 10.00% |
| 346201 | Communication Equipment Telephone | 10.00% |
| 346300 | Communication Equipment Other | 10.00% |
| 347000 | Miscellaneous Equipment | 10.00% |
| 347001 | Miscellaneous Equipment | 10.00% |
| 348000 | Other Tangible Plant | 10.00% |

EXHIBIT JFG-A

Qualifications & Experience



Rate Setting
Valuation
Management
Consulting

...SERVING REGULATED AND UNREGULATED WATER AND WASTEWATER UTILITIES SINCE 1978

INTRODUCTION

GUASTELLA ASSOCIATES, LLC

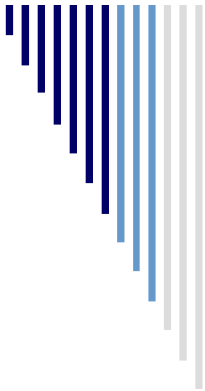
Guastella Associates, LLC (“formerly John F. Guastella Associates, Inc.”) is a consulting firm that specializes in providing utility rate setting, valuation and management services for public and privately-owned water and wastewater utilities.

John F. Guastella established Guastella Associates in 1978. Previously, Mr. Guastella was Director of the Water Division of the New York Public Service Commission. The Water Division provided the New York Commission with technical assistance in regulating the rates and service provided by approximately 450 privately-owned utilities. During the period from 1987 through 1991, Mr. Guastella also managed a 5,500 customer water utility in New York State. In 1989, Guastella Associates acquired the rates and valuation section of Coffin & Richardson, Inc., a general consulting firm that also provided a full range of services to water and wastewater utilities. Since 2009, Guastella Associates has served as the general manager of Daufuskie Island Utility Company, Inc. (“DIUC”), responsible for its day-to-day operations, billing, bookkeeping, financing, capital improvement projects and regulatory relations. DIUC provides water and wastewater service to some 550 connected customers and 600 availability customers located on Daufuskie Island, South Carolina.

As can be seen from the following qualifications and experience, key staff members have many years of combined experience in virtually every aspect of utility rate setting and valuation. The technical expertise of key staff, combined with their former employment by real estate and utility companies, a regulatory agency, and the management of water utilities, provides a total perspective towards addressing the rates and valuation needs of today’s water and wastewater utilities.

Guastella Associates has assisted the largest privately-owned utilities with respect to the most challenging issues, performing complex studies and providing expert testimony in administrative hearings as well as court proceedings. In addition, our client base has included hundreds of small water and wastewater utilities - - obtaining rate increases that turn operating losses into profits, posturing them for financing, correcting record keeping errors and, for some, negotiating their sale at multiples of their original cost net investment rate base. Some of our most successful assignments have been to help establish new developer-related water and wastewater utilities, applying the correct principles at the outset in order to develop fully compensatory initial rates, record keeping procedures and asset management, so they are structured to become self-sustaining utilities that will achieve the highest possible profit and ultimate market value.

Our wide-range of experience and expertise has enabled us to successfully address the special needs of large investor-owned utilities in rate cases and condemnation proceedings.



OUTLINE OF SERVICES

GUASTELLA ASSOCIATES, LLC

Guastella Associates, LLC (“formerly John F. Guastella Associates, Inc.”) is a consulting firm specializing in utility management, valuation, appraisals and rate determinations. Guastella Associates has been providing professional services to regulated and unregulated utilities since 1978.

Specific areas of expertise includes:

I. RATE ANALYSIS

A. Revenue Requirements

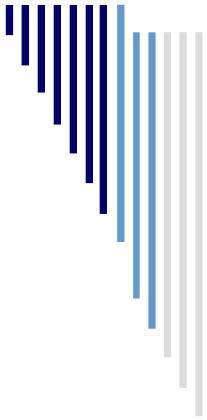
1. Examination of books and records -- revenues, expenses and capital investment.
2. Determination of the cost of providing service (revenue requirement) -- normalize historical data, establish known changes and perform projections.

B. Rate Design

1. Perform cost allocation studies to establish cost of service for residential, commercial, industrial, wholesale and fire protection customers, and for other special users.
2. Develop rate structures -- combine billing analyses and cost allocations to form usage rates, flat rates, minimum service and facilities charges, and such other special charges as connection fees, availability rates, etc.

C. Reports

1. Investor-owned utilities -- prepare complete rate filings for submission to regulatory agencies; prepare testimony, exhibits, and assist in all aspects of adjudication process.
2. Municipal utilities -- prepare detailed rate reports in support of rate increases for use by municipal officials and presentation at municipal hearings.



OUTLINE OF SERVICES

GUASTELLA ASSOCIATES, LLC

II. VALUATIONS

A. Appraisals

1. Eminent domain condemnation proceedings, negotiations for sale of utilities, damage claims for insurance and ad valorem tax and management purposes.
2. Determinations of original cost, replacement cost, reproduction cost and market value, including going concern value.
3. Calculation of the present value of cash flow under the income approach to market value determinations.
4. Analyses of market data under the sales comparison approach.

B. Depreciation

1. Actuarial studies using retirement rate or simulated plant balances methods to determine average service lives of physical property, theoretical depreciation reserve requirements and depreciation rates.
2. Establish affordable depreciation rates on the basis of comparative analyses of similar property of other utilities and practices of regulatory agencies and association

C. Feasibility Studies

1. Utility acquisitions by investors and municipalities.
2. Economic studies to establish extension of service costs and policy -- inside and outside service area.
3. Main extension agreements, guaranteed revenue contracts, refund provisions.

D. Financial Planning

1. Establish financing requirements for capital improvements.
2. Determine revenue and rate needs for various combinations of debt and equity financing.
3. Assist certain utilities in securing financing.
4. Establish financing needs, initial rates and regulatory approval of proposed new utilities.

III. MANAGEMENT

A. Operations

1. Provides general management of water and wastewater utilities.
2. Assist in day-to-day decisions as to utility accounting and related impact on rates.
3. Solve problems as to record keeping in accordance with regulatory requirements and prescribed systems of accounts.
4. Establish general policy and tariff provisions for customer service, billing, collecting, meter testing, complaint handling, and customer and regulatory relations.

B. Administrative

1. Coordinate activities with regulatory agencies to assure compliance with rules, regulations and orders.
2. Negotiations for purchase or sale of utility property and special contracts.

C. Training

1. On-the-job training for employees while working on various projects.
2. Special educational seminars on all aspects of utility rate settings, financing, valuation and rules.

PROFESSIONAL QUALIFICATIONS AND EXPERIENCE
of
JOHN F. GUASTELLA

B.S., Mechanical Engineering, Stevens Institute of Technology, 1962

Member:

American Water Works Association, Lifetime Member
National Association of Water Companies
New England Water Works Association, Lifetime Member

Committees:

AWWA, Water Rates Committee (Water Rates Manual M-1, 1983 Edition)
National Association of Regulatory Utility Commissioners (NARUC) and NAWC, Joint-Committee on Rate Design
NAWC, Rates and Revenues Committee
NAWC, Small Water Company Committee

Mr. Guastella is President of Guastella Associates, LLC (“formerly John F. Guastella Associates, Inc.”) which provides management, valuation and rate consulting services for municipal and investor-owned utilities, as well as regulatory agencies. His clients include utilities in the states of Alaska, Arizona, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Maine, Maryland, Massachusetts, Missouri, Michigan, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Ohio, Pennsylvania, South Carolina, Texas, Rhode Island and Virginia. He has provided consulting services that include all aspects of utility regulation and rate setting, encompassing revenue requirements, revenues, operation and maintenance expenses, depreciation, taxes, return on investment, cost allocation and rate design. He has performed depreciation studies for the establishment of average service lives and depreciation rates of utility property. He has performed appraisals of utility companies for management purposes and in connection with condemnation proceedings. He has also negotiated the sale of utility companies. He directs the general management of a water and wastewater utility in South Carolina.

Mr. Guastella served for more than four years as President of Country Knolls Water Works, Inc., a water utility that served some 5,500 customers in Saratoga County, New York. He also served as a member of the Board of Directors of the National Association of Water Companies.

Mr. Guastella has qualified and testified as an expert witness before regulatory agencies and municipal jurisdictions in the states of Alaska, Arizona, California, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Maryland, Massachusetts, Missouri, Montana, Nevada, New Hampshire, New Mexico, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas and Virginia.

Prior to establishing his own firm, Mr. Guastella was employed by the New York State Public Service Commission for sixteen years. For two years he was involved in the regulation of electric and gas utilities, with the remaining years devoted to the regulation of water utilities. In 1970, he was promoted to Chief of Rates and Finance in the Commission's Water Division. In 1972, he was made Assistant Director of the Water Division. In 1974, he was appointed by Alfred E. Kahn, then Chairman of the Commission, to be Director of the Water Division, a position he held until he resigned from the Commission in August 1978.

At the Commission, his duties included the performance and supervision of engineering and economic studies concerning rates and service of many public utilities. As Director of the Water Division, he was responsible for the regulation of more than 450 water companies in New York State and headed a professional staff of 32 engineers and three technicians. A primary duty was to attend Commission sessions and advise the Commission during its decision making process. In the course of that process, an average of about fifty applications per year would be reviewed and analyzed. The applications included testimony, exhibits and briefs

involving all aspects of utility valuation and rate setting. He also made legislative proposals and participated in drafting Bills that were enacted into law: one expanded the N.Y. Public Service Commission's jurisdiction over small water companies and another dealt specifically with rate regulation and financing of developer-related water systems.

In addition to his employment and client experience, Mr. Guastella served as Vice-Chairman of the Staff-Committee on Water of the National Association of Regulatory Utility Commissioners (NARUC). This activity included the preparation of the "Model Record-Keeping Manual for Small Water Companies," which was published by the NARUC. This manual provides detailed instruction on the kinds of operation and accounting records that should be kept by small water utilities, and on how to use those records.

Each year since 1974 he has prepared study material, assisted in program coordination and served as an instructor at the Eastern Annual Seminar on Water Rate Regulation sponsored over the years by the NARUC in conjunction with the University of South Florida, Florida Atlantic University, the University of Utah, Florida State University, the University of Florida and currently Michigan State University. In 1980 he was instrumental in the establishment of the Western NARUC Rate Seminar and has annually served as an instructor since that time. This course is recognized as one of the best available for teaching rate-setting principles and methodology. More than 7,500 students have attended this course, including regulatory staff, utility personnel and members of accounting, engineering, legal and consulting firms throughout the country.

Mr. Guastella served as an instructor and panelist in a seminar on water and wastewater regulation conducted by the Independent Water and Sewer Companies of Texas. In 1998, he prepared and conducted a seminar on basic rate regulation on behalf of the New England Chapter of the National Association of Water Companies. In 2000 and 2001, Mr. Guastella developed and conducted a special seminar for developer related water and wastewater utilities in conjunction with Florida State University, and again in 2003 in conjunction with the University of Florida. It provided essential training for the financial structuring of small water and wastewater utilities, rate setting, financing and the establishment of their market value in the event of a negotiated sale or condemnation. In 2004, he prepared and conducted a special workshop seminar on behalf of the Office of Regulatory Staff of South Carolina, covering rate setting, valuation and general regulation of water and wastewater utilities. In 2006, he participated in an expert workshop on full cost pricing conducted by the U. S. Environmental Protection Agency in coordination with the Institute of Public Utilities, Michigan State University. In 2006 and again in 2013, he prepared and conducted a special seminar on rate setting and valuation on behalf of the New York Chapter of the NAWC. In 2007 and again in 2015, he prepared and conducted a special seminar on rate setting and valuation on behalf of the New England Chapter of NAWC.

Mr. Guastella has made presentations on a wide variety of rate, valuation and regulatory issues at meetings of the National Association of Regulatory Utility Commissioners, the American Water Works Association, the New England Water Works Association, the National Association of Water Companies, the New England Conference of Public Utilities Commissioners, the Florida, New England, New Jersey and New York Chapters of NAWC, the Mid-America Regulatory Conference, the Southeastern Association of Regulatory Utility Commissioners, the Pennsylvania Environmental Conference, the Public Utility Law Section of the New Jersey Bar Association, and the NAWC Water Utility Executive Council.

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|--------------|--------------------------------------|
| 1966 | Sunhill Water Corporation | New York | 23968 |
| 1967 | Amagansett Water Company | New York | 24210 |
| 1967 | Worley Homes, Inc. | New York | 24466 |
| 1968 | Amagansett Water Company | New York | 24718 |
| 1968 | Amagansett Water Company | New York | 24883 |
| 1968 | Sunhill Water Corporation | New York | 23968 |
| 1968 | Worley Homes, Inc. | New York | Supreme Court |
| 1969 | Amagansett Water Supply | New York | 24883 |
| 1969 | Citizens Water Supply Co. | New York | 25049 |
| 1969 | Worley Homes, Inc. | New York | 24466/24992 |
| 1970 | Brooklyn Union Gas Company | New York | 25448 |
| 1970 | Consolidated Edison of New York | New York | 25185 |
| 1971 | Hudson Valley Water Companies | New York | 26093 |
| 1971 | Jamaica Water Supply Company | New York | 26094 |
| 1971 | Port Chester Water Works, Inc. | New York | 25797 |
| 1971 | U & I Corp. - Merrick District | New York | 26143 |
| 1971 | Wanakah Water Company | New York | 25873 |
| 1972 | Spring Valley Water Company | New York | 26226 |
| 1972 | U & I Corp. - Woodhaven District | New York | 26232 |
| 1973 | Citizens Water Supply Company | New York | 26366 |
| 1978 | Rhode Island DPU&C (Bristol County) | Rhode Island | 1367A |
| 1979 | Candlewick Lake Utilities Co. | Illinois | 76-0218 |
| 1979 | Candlewick Lake Utilities Co. | Illinois | 76-0347 |
| 1979 | Candlewick Lake Utilities Co. | Illinois | 78-0151 |
| 1979 | Jacksonville Suburban Utilities | Florida | 770316-WS |
| 1979 | New York Water Service Corporation | New York | 27594 |
| 1979 | Salem Hills Sewerage Disposal Corp. v. V. of Voorheesville | New York | Supreme Court |

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|------------------------------------|--------------|--------------------------------------|
| 1979 | Seabrook Water Corporation | New Jersey | 7910-846 |
| 1979 | Southern Utilities Corporation | Florida | 770317-WS |
| 1979 | Township of South Brunswick | New Jersey | Municipal |
| 1979 | Westchester Joint Water Works | New York | Municipal |
| 1979 | Woodhaven Utilities Corporation | Illinois | 77-0109 |
| 1980 | Crestwood Village Sewer Company | New Jersey | BPU 802-78 |
| 1980 | Crestwood Village Water Company | New Jersey | BPU 802-77 |
| 1980 | Gateway Water Supply Corporation | Texas | Municipal |
| 1980 | GWW-Central Florida District | Florida | 800004-WS |
| 1980 | Jamaica Water Supply Company | New York | 27587 |
| 1980 | Rhode Island DPU&C (Newport Water) | Rhode Island | 1480 |
| 1981 | Briarcliff Utilities, Inc. | Texas | 3620 |
| 1981 | Candlewick Lake Utilities Co. | Illinois | 81-0011 |
| 1981 | Caroline Water Company, Inc. | Virginia | 810065 |
| 1981 | GDU, Inc. - Northport | Florida | Municipal |
| 1981 | GDU, Inc. - Port Charlotte | Florida | Municipal |
| 1981 | GDU, Inc. - Port Malabar | Florida | 80-2192 |
| 1981 | Hobe Sound Water Company | Florida | 8000776 |
| 1981 | Lake Buckhorn Utilities, Inc. | Ohio | 80-999 |
| 1981 | Lake Kiowa Utilities, Inc. | Texas | 3621 |
| 1981 | Lakengren Utilities, Inc. | Ohio | 80-1001 |
| 1981 | Lorelei Utilities, Inc. | Ohio | 80-1000 |
| 1981 | New York Water Service Corporation | New York | 28042 |
| 1981 | Rhode Island DPU&C (Newport Water) | Rhode Island | 1581 |
| 1981 | Shawnee Hills Utility Company | Ohio | 80-1002 |
| 1981 | Smithville Water Company, Inc. | New Jersey | 808-541 |
| 1981 | Spring Valley Water Company, Inc. | New York | 27936 |
| 1981 | Spring Valley Water Company, Inc. | New York | 27936 |
| 1981 | Sunhill Water Corporation | New York | 27903 |

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|--------------|--------------------------------------|
| 1981 | Swan Lake Water Corporation | New York | 27904 |
| 1982 | Chesterfield Commons Sewer Company | New Jersey | 822-84 |
| 1982 | Chesterfield Commons Water Company | New Jersey | 822-83 |
| 1982 | Crescent Waste Treatment Corp. | New York | Municipal |
| 1982 | Crestwood Village Sewer Company | New Jersey | 821-33 |
| 1982 | Crestwood Village Water Company | New Jersey | 821-38 |
| 1982 | Salem Hills Sewerage Disposal Corp. | New York | Municipal |
| 1982 | Township of South Brunswick | New Jersey | Municipal |
| 1982 | Woodhaven Utilities Corporation | Illinois | 82-0167 |
| 1983 | Country Knolls Water Works, Inc. | New York | 28194 |
| 1983 | Heritage Hills Water Works Corp. | New York | 28453 |
| 1984 | Crestwood Village Sewer Company | New Jersey | 8310-861 |
| 1984 | Crestwood Village Water Company | New Jersey | 8310-860 |
| 1984 | Environmental Disposal Corp. | New Jersey | 816-552 |
| 1984 | GDU, Inc. - Port St. Lucie | Florida | 830421 |
| 1984 | Heritage Village Water (water/sewer) | Connecticut | 84-08-03 |
| 1984 | Hurley Water Company, Inc. | New York | 28820 |
| 1984 | New York Water Service Corporation | New York | 28901 |
| 1985 | Deltona Utilities (water/sewer) | Florida | 830281 |
| 1985 | J. Filiberto Sanitation, Inc. | New Jersey | 8411-1213 |
| 1985 | Sterling Forest Pollution Control | New York | Municipal |
| 1985 | Water Works Enterprise, Grand Forks | North Dakota | Municipal |
| 1986 | GDU, Inc. - Port Charlotte | Florida | Municipal |
| 1986 | GDU, Inc. - Sebastian Highlands | Florida | Municipal |
| 1986 | Kings Grant Water/Sewer Companies (settled) | New Jersey | WR8508-868 |
| 1986 | Mt. Ebo Sewage Works, Inc. | New York | Municipal |
| 1986 | Sterling Forest Pollution Control | New York | Municipal |
| 1987 | Country Knolls Water Works, Inc. | New York | 29443 |
| 1987 | Crestwood Village Sewer Co. (settled) | New Jersey | WR8701-38 |

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|---------------|--------------------------------------|
| 1987 | Deltona Utilities – Marco Island | Florida | 85151-WS |
| 1987 | Deltona Utilities, Inc. - Citrus Springs (settled) | Florida | 870092-WS |
| 1987 | First Brewster Water Corp. v. Town of Southeast (settled) | New York | Supreme Court |
| 1987 | GDU, Inc. - Silver Springs Shores | Florida | 870239-WS |
| 1987 | Ocean County Landfill Corporation | New Jersey | SR-8703117 |
| 1987 | Palm Coast Utility Corporation | Florida | 870166-WS |
| 1987 | Sanlando Utilities Corp. (settled) | Florida | 860683-WS |
| 1987 | Township of South Brunswick | New Jersey | Municipal |
| 1987 | Woodhaven Utilities Corp. (settled) | Illinois | 87-0047 |
| 1988 | Crescent Estates Water Co., Inc. | New York | 88-W-035 |
| 1988 | Elizabethtown Water Co. | New Jersey | OAL PUC3464-88 |
| 1988 | Heritage Village Water Company | Connecticut | 87-10-02 |
| 1988 | Instant Disposal Service, Inc. | New Jersey | SR-87080864 |
| 1988 | J. Filiberto Sanitation v. Morris County Transfer Station | New Jersey | 01487-88 |
| 1988 | Ohio Water Service Co. | Ohio | 86-1887-WW-CO1 |
| 1988 | St. Augustine Shores Utilities | Florida | 870980-WS |
| 1989 | Elizabethtown Water Co. | New Jersey | BPU WR89020132J |
| 1989 | GDU (FPSC generic proceeding as to rate setting procedures) | Florida | 880883-WS |
| 1989 | Gordon's Corner Water Co. | New Jersey | OAL PUC479-89 |
| 1989 | Heritage Hills Sewage Works | Connecticut | Municipal |
| 1989 | Heritage Village Water Company | Connecticut | 87-10-02 |
| 1989 | Palm Coast Utility Corporation | Florida | 890277-WS |
| 1989 | Southbridge Water Supply Co. | Massachusetts | DPU 89-25 |
| 1989 | Sterling Forest Water Co. | New York | PSC 88-W-263 |
| 1990 | American Utilities, Inc. - United States Bankruptcy Court | New Jersey | 85-00316 |
| 1990 | City of Carson City | Nevada | Municipal |
| 1990 | Country Knolls Water Works, Inc. | New York | 90-W-0458 |
| 1990 | Elizabethtown Water Company | New Jersey | WR900050497J |

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List of Proceedings in which
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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|--------------|--------------------------------------|
| 1990 | Kent County Water Authority | Rhode Island | 1952 |
| 1990 | Palm Coast Utility Corporation | Florida | 871395-WS |
| 1990 | Southern States Utilities, Inc. | Florida | Workshop |
| 1990 | Trenton Water Works | New Jersey | WR90020077J |
| 1990 | Waste Management of New Jersey | New Jersey | SE 87070552 |
| 1990 | Waste Management of New Jersey | New Jersey | SE 87070566 |
| 1991 | City of Grand Forks | North Dakota | Municipal |
| 1991 | Gordon's Corner Water Co. | New Jersey | OAL PUC8329-90 |
| 1991 | Southern States Utilities, Inc. | Florida | 900329-WS |
| 1992 | Elizabethtown Water Co. | New Jersey | WR 91081293J |
| 1992 | General Development Utilities, Inc. - Port Malabar Division | Florida | 911030-WS |
| 1992 | General Development Utilities, Inc. - West Coast Division | Florida | 911067-WS |
| 1992 | Heritage Hills Water Works, Inc. | New York | 92-2-0576 |
| 1993 | General Development Utilities, Inc. - Port LaBelle Division | Florida | 911737-WS |
| 1993 | General Development Utilities, Inc. - Silver Springs Shores | Florida | 911733-WS |
| 1993 | General Waterworks of Pennsylvania - Dauphin Cons. Water Supply | Pennsylvania | R-00932604 |
| 1993 | Kent County Water Authority | Rhode Island | 2098 |
| 1993 | Southern States Utilities - FPSC Rulemaking | Florida | 911082-WS |
| 1993 | Southern States Utilities - Marco Island | Florida | 920655-WS |
| 1994 | Capital City Water Company | Missouri | WR-94-297 |
| 1994 | Capital City Water Company | Missouri | WR-94-297 |
| 1994 | Elizabethtown Water Company | New Jersey | WR94080346 |
| 1994 | Elizabethtown Water Company | New Jersey | WR94080346 |
| 1994 | Environmental Disposal Corp. | New Jersey | WR94070319 |
| 1994 | General Development Utilities - Port Charlotte | Florida | 940000-WS |
| 1994 | General Waterworks of Pennsylvania | Pennsylvania | R-00943152 |

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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|--------------|--------------------------------------|
| 1994 | Hoosier Water Company - Mooresville Division | Indiana | 39839 |
| 1994 | Hoosier Water Company - Warsaw Division | Indiana | 39838 |
| 1994 | Hoosier Water Company - Winchester Division | Indiana | 39840 |
| 1994 | West Lafayette Water Company | Indiana | 39841 |
| 1994 | Wilmington Suburban Water Corporation | Delaware | 94-149 (stld) |
| 1995 | Butte Water Company | Montana | Cause 90-C-90 |
| 1995 | Heritage Hills Sewage Works Corporation | New York | Municipal |
| 1996 | Consumers Illinois Water Company | Illinois | 95-0342 |
| 1996 | Elizabethtown Water Company | New Jersey | WR95110557 |
| 1996 | Palm Coast Utility Corporation | Florida | 951056-WS |
| 1996 | PenPac, Inc. | New Jersey | OAL-00788-93N |
| 1996 | Southern States Utilities, Marco Island | Florida | 950495-WS |
| 1997 | Crestwood Village Water Company | New Jersey | BPU 96100739 |
| 1997 | Indiana American Water Co., Inc. | Indiana | IURC 40703 |
| 1997 | Missouri-American Water Company | Missouri | WR-97-237 |
| 1997 | South County Water Corp | New York | 97-W-0667 |
| 1997 | United Water Florida | Florida | 960451-WS |
| 1998 | Consumer Illinois Water Company | Illinois | 98-0632 |
| 1998 | Consumers Illinois Water Company | Illinois | 97-0351 |
| 1998 | Heritage Hills Water Company | New York | 97-W-1561 |
| 1998 | Missouri-American Wastewater Company | Missouri | SR-97-238 |
| 1999 | Consumers Illinois Water Company | Illinois | 99-0288 |
| 1999 | Environmental Disposal Corp. | New Jersey | WR99040249 |
| 1999 | Indiana American Water Co., Inc. | Indiana | IURC 41320 |
| 2000 | South Haven Sewer Works, Inc. | Indiana | Cause: 41410 |
| 2000 | Utilities Inc. of Maryland | Maryland | CAL 97-17811 |
| 2001 | Artesian Water Company | Delaware | 00-649 |
| 2001 | Citizens Utilities Company | Illinois | 01-0001 |
| 2001 | Elizabethtown Water Company | New Jersey | WR-0104205 |

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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|----------------|--------------------------------------|
| 2001 | Kiawah Island Utility, Inc. | South Carolina | 2001-164-W/S |
| 2001 | Placid Lakes Water Company | Florida | 011621-WU |
| 2001 | South Haven Sewer Works, Inc. | Indiana | 41903 |
| 2001 | Southlake Utilities, Inc. | Florida | 981609-WS |
| 2002 | Artesian Water Company | Delaware | 02-109 |
| 2002 | Consumers Illinois Water- Grant Park | Illinois | 02-0480 |
| 2002 | Consumers Illinois Water- Village Woods | Illinois | 02-0539 |
| 2002 | Valencia Water Company | California | 02-05-013 |
| 2003 | Consumers Illinois Water - Indianola | Illinois | 03-0069 |
| 2003 | Elizabethtown Water Company | New Jersey | WR-030-70510 |
| 2003 | Golden Heart Utilities, Inc. | Alaska | U-02-13, 14 & 15 |
| 2003 | Utilities, Inc. – Georgia | Georgia | CV02-0495-AB |
| 2004 | Aquarion Water Company | Connecticut | 04-02-14 |
| 2004 | Artesian Water Company | Delaware | 04-42 |
| 2004 | El Dorado Utilities, Inc. | New Mexico | D-101-CU-2004- |
| 2004 | Environmental Disposal Corp. | New Jersey | DPU WR 03 070509 |
| 2004 | Heritage Hills Water Company | New York | 03-W-1182 |
| 2004 | Sun Valley Water & Washoe County Dept. of Water Revenues | Nevada | TMWA Municipal |
| 2004 | Jersey City MUA | New Jersey | Municipal |
| 2004 | Rockland Electric Company | New Jersey | EF02110852 |
| 2005 | Aquarion Water Company | New Hampshire | DW 05-119 |
| 2005 | Intercoastal Utilities, Inc. | Florida | 04-0007-0011-0001 |
| 2005 | Haig Point Utility Company, Inc. | South Carolina | 2005-34-W/S |
| 2005 | South Central Connecticut Regional Water Auth. | Connecticut | Municipal |
| 2006 | Pennichuck Water Works, Inc. | New Hampshire | DW-04048 |
| 2006 | Village of Williston Park | New York | Municipal |
| 2006 | Jersey City MUA | New Jersey | Municipal |
| 2006 | Groton Utilities | Connecticut | Municipal |

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List of Proceedings in which
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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|----------------|--------------------------------------|
| 2006 | Connecticut Water Company | Connecticut | 06-07-08 |
| 2006 | Birmingham Utilities, Inc. | Connecticut | 06-05-10 |
| 2006 | Aqua Florida Utilities, Inc. | Florida | 060368-WS |
| 2007 | Aquarion Water Company of CT | Connecticut | 07-05-19 |
| 2007 | Pennichuck Water Works, Inc. | New Hampshire | DW 04-048 |
| 2007 | Aqua Indiana - Utility Center | Indiana | 43331 |
| 2007 | Environmental Disposal Corp. | New Jersey | WR 04 080760 |
| 2007 | Aqua Florida Utilities, Inc. | Florida | 07-0183 |
| 2007 | Aqua Illinois, Inc. - Hawthorn Woods, Willowbrook & Vermilion | Illinois | 07-0620/07-0621/08-0067 |
| 2008 | Aqua Florida Utilities, Inc. | Florida | 080121-WS |
| 2008 | Aquarion Water Company of MA | Massachusetts | D.P.U. 08-27 |
| 2008 | Haig Point Utility Company, Inc. | South Carolina | 2007-414-WS |
| 2009 | R.M.V. Land & C.M. Livestock, L.C.C. | New Jersey | EM02050313 |
| 2010 | City of Griffin | Georgia | Civil Action No. 09V-2866 |
| 2010 | Connecticut Water Company | Connecticut | 09-12-11 |
| 2010 | Montville WPCA | Connecticut | 1400012464 |
| 2010 | Milford Water Company | Massachusetts | DPU 10-78 |
| 2010 | Arizona American Water Company | Arizona | W-01303A-10-0448 |
| 2011 | Aqua Illinois | Illinois | ICC Docket (Consolidated) |
| 2011 | Artesian Water Company | Maryland | MPSC Case 9252 |
| 2011 | Artesian Water Company | Delaware | PSC 11-207 |
| 2011 | Kiawah Island Utility, Inc. | South Carolina | 2011-317-WS |
| 2012 | Washington Gas Light | Maryland | Senate SB541 |
| 2012 | Washington Gas Light | Maryland | House HB662 |
| 2012 | Daufuskie Island Utility | South Carolina | 2011-229-W/S |
| 2012 | Milford Water Company | Massachusetts | DPU 12-86 |
| 2013 | Artesian Water Company | Pennsylvania | 2:10-CV-07453-JP |
| 2013 | Aquarion Water Company - Oxford | Massachusetts | CA 09-00592E |

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List of Proceedings in which
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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|----------------|---|
| 2013 | Water Management Services | Florida | 110200-WU |
| 2013 | City of Fernandina Beach | Florida | Civil Action No. 13CA000485AXYX |
| 2013 | City of Elizabeth | New Jersey | Docket Nos. UNN-L-0556-10 and UNN-L-2608-11 |
| 2014 | Daufuskie Island Utility Company, Inc. | South Carolina | Case No. 2013-CP-7-02255 |
| 2014 | Artesian Water Company | Delaware | Docket No. PSC 14-132 |
| 2014 | Aquarion Water Company - Hingham | New Hampshire | SUCU 2013-03159-BLS2 |
| 2015 | EPCOR | Arizona | Docket No. WS-01303A-14-0010 |
| 2015 | Mountain Water Company | Montana | Case # DV-14-352 |
| 2015 | Daufuskie Island Utility Company, Inc. | South Carolina | Docket No. 2014-346-WS |
| 2015 | Housatonic Water Works | Massachusetts | D.P.U. 15-179 |
| 2016 | EPCOR Water Arizona | Arizona | Docket No. WS-01303A-16-0145 |
| 2016 | Community Utilities of Indiana | Indiana | Case No. 44724 |
| 2016 | Utilities Inc. Of Florida | Florida | Docket No. 16101-WS |

Papers and Presentations

By

John F. Guastella

| Year | Title | Forum |
|-------------------|--|--|
| 1974 through 2016 | 1. Basics of Rate Setting 2. Cost Allocation and Rate Design 3. Revenue Requirements | Semi-annual seminars on utility rate regulation, National Association of Regulatory Utility Commissioners, sponsored by the University of South Florida, the University of Utah, Florida State University, The University of Florida and currently Michigan State University |
| 1974 | Rate Design Studies: A Regulatory Point-of- View | Annual convention of the National Association of Water Companies, New Haven, Connecticut |
| 1976 | Lifeline Rates | Annual convention of the National Association of Water Companies, Chattanooga, Tennessee |
| 1977 | Regulating Water Utilities: The Customers' Best Interest | Annual symposium of the New England Conference of Public Utilities Commissioners, Mystic Seaport, Connecticut |
| 1978 | Rate Design: Preaching v. Practice | Annual convention of the National Association of Water Companies, Baton Rouge, Louisiana |
| 1979 | Small Water Companies | Annual symposium of the New England Conference of Public Utilities Commissioners, Newport, Rhode Island |
| 1979 | Rate Making Problems Peculiar to Private Water and Sewer Companies | Special educational program sponsored by Independent Water and Sewer Companies of Texas, Austin, Texas |
| 1980 | Water Utility Regulation | Annual meeting of the National Association of Regulatory Utility Commissioners, Houston, Texas |
| 1981 | The Impact of Water Rates on Water Usage | Annual Pennsylvania Environmental Conference, Harrisburg, Pennsylvania |
| 1981 | A Realistic Approach to Regulating Water Utilities | Mid-America Regulatory Conference, Clarksville, Indiana |
| 1982 | Issues in Water Utility Regulation | Annual symposium of the New England Conference of Public Utilities Commissioners, Rockport, Maine |
| 1982 | New Approaches to the Regulation of Water Utilities | Southeastern Association of Regulatory Utility Commissioners, Asheville, North Carolina |
| 1983 | Allocating Costs and Revenues Fairly and Effectively | Maryland Water and Sewer Finance Conference, Westminster, Maryland |
| 1983 | Lifeline and Social Policy Pricing | Annual conference of the American Water Works Association, Las Vegas, Nevada (published) |
| 1984 | The Real Cost of Service: Some Special Considerations | Annual New Jersey Section AWWA Spring Meeting, Atlantic City, New Jersey |
| 1987 | Margin Reserve: It's Not the Issue | Florida Waterworks Association Newsletter, April/May/June 1987 issue |

Papers and Presentations

By

John F. Guastella

| Year | Title | Forum |
|-------------|---|---|
| 1987 | A "Current" Issue: CIAC | NAWC - New England Chapter November 6, 1987 meeting |
| 1988 | Small Water Company rate Setting: Take It or Leave It | NAWC - New York Chapter June 14, 1988 meeting |
| 1989 | The Solution to all the Problems of Good Small Water Companies | NAWC Quarterly magazine, Winter issue |
| 1989 | Current Issues Workshop - Panel | New England Conference of Public Utilities Commissioners, Kennebunkport, Maine |
| 1991 | Alternative Rate Structures | New Jersey Section 1991 Annual Conference, AWWA, Atlantic City, New Jersey |
| 1994 | Conservation Impact on Water Rates | New England NAWC and New England AWWA, Sturbridge, Massachusetts |
| 1996 | Utility Regulation - 21st Century | NAWC Annual Meeting, Orlando, Florida |
| 1997 | Current Status Drinking Water State Revolving Fund | NAWC Annual Meeting, San Diego, California |
| 1998 | Small Water Companies - Problems and Solutions | NAWC Annual Meeting, Indianapolis, Indiana |
| 1998 | Basic Rate Regulation Seminar | New England Chapter - NAWC, Rockport, Maine |
| 2000 | Developer Related Water and Sewer Utilities Seminar | Florida State University, Orlando, Florida |
| 2001 | Developer Related Water and Sewer Utilities Seminar | Florida State University, Orlando, Florida |
| 2002 | Regulatory Cooperation - Small Company Education | New England Chapter - NAWC, Annual Meeting |
| 2003 | Developer Related Water and Sewer Utilities Seminar | University of Florida, Orlando, Florida |
| 2004 | Basic Regulation & Rate Setting Training Seminar | Office of Regulatory Staff, Columbia, South Carolina |
| 2005 | Municipal Water Rates | Nassau-Suffolk Water Commissioners Association, Franklin Square, New York |
| 2005 | Innovations in Rate Setting and Procedures | NAWC New York Chapter, West Point, New York |

Papers and Presentations
By
John F. Guastella

| Year | Title | Forum |
|-------------|--|--|
| 2006 | Basics of Rate Setting | The Connecticut Water Company, Clinton, Connecticut |
| 2006 | Innovations in Rate Setting and Procedures | NAWC New York Chapter, Catskill, New York |
| 2006 | Best Practices as Regulatory Policy | NAWC New England Chapter, Ogunquit, Maine |
| 2006 | Rate and Valuation Seminar | NAWC New York Chapter |
| 2006 | Full Cost Pricing | U.S. Environmental Protection Agency Expert Workshop, Lansing, Michigan |
| 2006 | Innovations in Rate Setting | NAWC New England Chapter, Portsmouth, New Hampshire |
| 2007 | Weather Sensitive Customer Demands | NAWC Water Utility Executive Council, Half Moon Bay, California |
| 2007 | Basics of Rate Setting and Valuation Seminar | NAWC New England Chapter, Ogunquit, Maine |
| 2007 | Small Company Characteristics | National Drinking Water Symposium, La Jolla, California |
| 2013 | Rate and Valuation Seminar | NAWC New York Chapter |
| 2015 | Rate and Valuation Seminar | NAWC New England Chapter |

Testimony from
Arizona Corporation Commission
Case WS-01303A-16-0145

BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

DOUG LITTLE, Chairman
BOB STUMP
TOM FORESE
BOB BURNS
ANDY TOBIN

IN THE MATTER OF THE APPLICATION OF
EPCOR WATER ARIZONA INC. FOR A
DETERMINATION OF THE CURRENT FAIR
VALUE OF ITS UTILITY PLANT AND
PROPERTY AND FOR
INCREASES/DECREASES IN ITS RATES AND
CHARGES BASED THEREON FOR UTILITY
SERVICE BY ITS AGUA FRIA, ANTHEM,
MOHAVE, SUN CITY, AND SUN CITY WEST
WASTEWATER DISTRICTS AND FOR
CONSIDERATION OF CONSOLIDATION AND
DE-CONSOLIDATION PROPOSALS

DOCKET NO: WS-01303A-16-_____

**DIRECT TESTIMONY
OF
JOHN F. GUASTELLA
ON BEHALF OF
EPCOR WATER ARIZONA INC.
APRIL 29, 2016**

**DIRECT TESTIMONY
OF
JOHN F. GUASTELLA
ON BEHALF OF
EPCOR WATER ARIZONA INC.
APRIL 29, 2016**

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1 **EXECUTIVE SUMMARY**

2 John F. Guastella testifies as follows:

3 In connection with the rate application by EPCOR Water Arizona Inc. (“EWAZ” or
4 “Company”) for its Agua Fria, Anthem, Mohave, Sun City, Sun City West wastewater systems, I
5 am recommending the use of similar average service lives and resultant depreciation rates, by
6 account, for all wastewater systems, as reflected in Exhibit JFG-1. EWAZ now uses
7 depreciation rates that reflect those general guidelines by the Arizona Corporation Commission
8 (“ACC” or “Commission”) Staff. On the basis of a previous comparative depreciation study I
9 performed on behalf of the Company’s predecessor, Arizona American Water Company, and a
10 review of the environmental impact on certain assets of climate conditions unique to Arizona, I
11 found that the ACC Staff’s recommended depreciation rates are reasonable, with the exception of
12 two general accounts that require revision based on EWAZ’s experience operating and
13 maintaining their systems. Specifically, for reasons I will discuss in detail, I recommend that the
14 depreciation rate for the Collection Sewers - Gravity account be established at 2.5% instead of
15 2.0% and the depreciation rate for the various Treatment & Disposal Equipment accounts be
16 established at 6.67% instead of 5.0%.

17 With respect to the “Tolleson Agreement” under which the City of Tolleson treats the
18 wastewater of EWAZ’s Sun City Wastewater District, past decisions of the ACC require “Rate
19 Component 3” and “Rate Component 4” be treated as regulatory assets and amortized over the
20 life of the assets, and not the life of the financing. I agree with that treatment because, like other
21 depreciable assets, it essentially apportions the cost of the “Tolleson” assets paid by EWAZ over
22 the average service life of the assets, which is consistent with intergenerational equity – present
23 and future customers pay their fair share. There are four additional Tolleson assets requiring
24 amortization to be reflected in this rate application: one is a Rate Component 3 Reserve &

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1 Contingencies cost for which a 10.33 year amortization period is appropriate, consistent with the
2 contractual arraignment between EWAZ and Tolleson as well as ACC's previously approved
3 amortization of a similar cost; and there are three Rate Component 4 Treatment & Disposal
4 Equipment assets (dechlorination, solids handling and ammonia) for which a 15 year
5 amortization is appropriate, consistent with my recommendation of average service lives and
6 depreciation rates with respect to similar Treatment & Disposal Equipment utility plant.

1 **I. INTRODUCTION AND QUALIFICATIONS**

2 **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND TELEPHONE**
3 **NUMBER.**

4 A. My name is John F. Guastella. My business address is Guastella Associates, LLC, 725
5 N. Highway A1A, Suite B103, Jupiter, FL 33477. My telephone number is (617) 423-
6 3030.

7 **Q. BRIEFLY DESCRIBE YOUR QUALIFICATIONS AND EXPERIENCE.**

8 A. I graduated from Stevens Institute of Technology with a degree in Mechanical
9 Engineering. My professional career began with employment by the New York State
10 Public Service Commission where I worked for 16 years. When I left the Commission to
11 form my own consulting firm, I was Director of the Water Division responsible for the
12 regulation of some 450 water utilities, involving all aspects of rate and valuation, and the
13 service provided by the water utilities. While with the Commission I served as Chairman
14 of the Staff Committee of the Water Committee of the National Association of
15 Regulatory Utility Commissioners, (“NARUC”), and I was one of the founders and
16 faculty of the NARUC Water Rate Seminar. I have continued, to date, as a faculty
17 member of this rate seminar and have taught the basics of rate setting and utility
18 regulation to some 7,500 students over the last 42 years. As a consultant, I have been
19 involved in the preparation of rate analyses, valuations, appraisals, depreciation studies,
20 and various studies regarding utility regulatory issues. I have testified as an expert in
21 some 25 states with respect to rate setting, valuation, depreciation, appraisals and
22 condemnation cases, before either regulatory agencies, courts or municipal hearings. A
23 detailed statement of my qualifications and experience is attached as Exhibit JFG-A.

1 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

2 A. I am president of Guastella Associates, LLC.

3 **II. PURPOSE OF TESTIMONY**

4 **Q. PLEASE DESCRIBE THE PURPOSE OF YOUR TESTIMONY.**

5 A. The purpose of my testimony is to describe my review of the depreciation rates
6 applicable to the depreciable assets of the Company's wastewater systems, and provide
7 my opinion as to appropriate revisions. My testimony also addresses the amortization
8 periods of certain deferred costs paid by the Company under its agreement with the City
9 of Tolleson ("Tolleson Agreement") for the wastewater treatment provided by the City of
10 Tolleson for wastewater from the Company's Sun City Wastewater District.

11 **III. DEPRECIATION RATES**

12 **Q. PLEASE DESCRIBE THE APPROACH YOU USED REGARDING YOUR**
13 **ANALYSIS OF AVERAGE SERVICE LIVES AND DEPRECIATION RATES**
14 **FOR EWAZ's DEPRECIABLE WASTEWATER ASSETS.**

15 A. As confirmed in discussions with the Company, it was determined that my depreciation
16 analysis should be performed on the basis of comparative average service lives and
17 depreciation rates. The primary reasons for this approach are the lack of sufficient
18 retirement data because of the size of the Company's various districts and their historic
19 development, and the high cost of performing actuarial studies that would likely produce
20 incomplete or uncertain results for systems with limited retirement data. It has been my
21 experience that actuarial studies are rarely, if ever, performed for small water utilities
22 and I am not aware of any such studies for assets of a wastewater system. Instead,
23 depreciation rates are typically established on the basis of comparative analyses.

1 **Q. WHAT IS THE GOAL OF DEPRECIATION?**

2 A. The goal of depreciation for rate setting purposes is to allow utilities to recover the
3 original cost of the assets that are used and useful in providing service to their
4 customers, and at a level that spreads the recovery of the costs over the estimated life of
5 the assets so that each generation of customers pays its fair share of the costs according
6 to the use of the assets in providing service to them. The Uniform System of Accounts
7 published by the National Association of Regulatory Utility Commissioners
8 (“NARUC”) defines depreciation as:

9 Depreciation, as applied to depreciable utility plant, means the loss in service value not
10 restored by current maintenance, incurred in connection with the consumption or
11 prospective retirement of utility plant in the course of providing service from causes
12 which are known to be in current operation and against which the utility is not
13 protected by insurance. Among the causes to be given consideration are wear and tear,
14 decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in
15 demand, and requirements of public authorities.

16
17 Under this definition, depreciation studies are performed in order to estimate the average
18 service lives of various depreciable assets, the major component with which to calculate
19 depreciation rates. Application of depreciation rates to the original cost of assets
20 establishes annual depreciation expense allowances in utility rates for service that will
21 meet the goal of reasonable cost recovery and intergenerational equity. In addition to
22 average service lives, the other component in the calculation of depreciation rates is net
23 salvage values, or salvage value less cost of removal.

24 **Q. WOULD YOU BRIEFLY DESCRIBE THE DEPRECIATION STUDY YOU**
25 **PREVIOUSLY PREPARED ON BEHALF OF EWAZ’S PREDECESSOR,**
26 **ARIZONA AMERICAN WATER COMPANY?**

Page 4 of 8

1 A. In 2010, I prepared a depreciation study of Arizona American's water and wastewater
2 systems, which was performed on the basis of comparable data of average service lives
3 and depreciation rates for utilities throughout the country.

4 Q. **WAS THAT STUDY USEFUL IN YOUR DEVELOPMENT OF DEPRECIATION**
5 **RECOMMENDATIONS FOR EWAZ'S WASTEWATER ASSETS IN THIS**
6 **CASE?**

7 A. Yes. The comparable data in that study were primarily for assets of water utilities on the
8 basis of which similar wastewater assets were assigned average service lives and
9 depreciation rates. It was also clear that the data for utilities located throughout the
10 country had climates that were not similar to Arizona, requiring judgement as to the
11 range of results that would best fit wastewater assets located in Arizona's climate, as well
12 as the more toxic consistency of wastewater as compared to water. In performing that
13 study, I also sought input from the ACC Staff who I expected had experience in Arizona
14 with respect to all the utilities under its jurisdiction. Specifically, as I stated in that study,

15 In an informal meeting with the ACC Staff in order to obtain input from the
16 perspective of the Company's economic regulator, various matters were raised by
17 Staff, essentially to assure that the depreciation study would consider all aspects
18 affecting depreciation. It is noted that, as Staff observed, certain items may be
19 subject to earlier retirement because of quality of materials used in construction
20 or for other unanticipated causes. Although we have applied judgment to each
21 account, there may be such items that will require special treatment. It is
22 suggested that the best way to deal with unusual circumstances would be to
23 establish additional sub-accounts in order to segregate special items and adjust
24 the depreciation rates to better meet those conditions if and when they occur.

1 Having now observed that the Company has been using depreciation rates that have
2 been accepted by the ACC Staff,¹ my follow up with the Company was to determine
3 whether there are any factors with respect to specific assets that may be subject to earlier
4 retirements or unanticipated causes, as cautioned some 7 years ago, as well as just
5 recently by the ACC Staff, that are material enough to revise certain depreciation rates.

6 **Q. DID THE COMPANY IDENTIFY ANY PARTICULAR WASTEWATER**
7 **ASSETS THAT WARRANT REVISION OF APPLICABLE DEPRECIATION**
8 **RATES?**

9 A. Yes. In discussing my depreciation study with EWAZ's engineers, they expressed
10 concern about the depreciation rates applicable to the Treatment & Disposal Equipment
11 accounts and the Collection Sewers - Gravity account. To briefly summarize their
12 concerns, they discussed the impact of hydrogen sulfide that, while present in all
13 wastewater plants, has a greater impact in Arizona due to the relatively higher
14 temperatures, the decreased water use as a result of conservation efforts and seasonal
15 occupation, all of which increases the concentration of solids and organics into the
16 wastewater. The higher strength wastewater and high temperatures produce higher
17 concentrations of hydrogen sulfide, depletes oxygen and decreases pH levels. The result
18 is an increase in deterioration of concrete and metal structures and equipment. The
19 Company's engineers followed up with a White Paper report that provides a detailed

¹ February 5, 2016 Memorandum by ACC Staff on Depreciation Rates For Wastewater Companies
(<http://www.azcc.gov/Search.Asp>).

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1 explanation of their experience and findings at EWAZ's wastewater districts. The
2 White Paper is attached as Exhibit JFG-2.

3 **Q. DID YOU REVISE THE DEPRECIATION RATES TO REFLECT THESE**
4 **CONDITIONS?**

5 A. Yes. With respect to the Treatment & Disposal Equipment accounts, I reduced the
6 average service life from 20 years to 15 years, resulting in an increase in depreciation
7 rates from 5.0% to 6.67%. With respect to the Collection Sewers – Gravity account,
8 about 25% or more of the total cost in that account includes the cost of manholes that are
9 more affected by the adverse conditions described by the Company's engineers than the
10 sewer mains in terms of their average service life. Accordingly, I weighted the average
11 service life by assigning 10 years to 25% of the cost and leaving the remaining 75% of
12 the cost at the 50 years as reflected in the existing 2.0% depreciation rates. The result is a
13 weighted 40 year average service life, and a 2.50% depreciation rate. The depreciation
14 rates I am recommending, including these revisions, are contained in Exhibit JFG-1.

15 **Q. ARE THESE THE ONLY REVISIONS YOU ARE RECOMMENDING TO BE**
16 **MADE TO WASTEWATER DEPRECIATION RATES RECOMMENDED BY**
17 **THE ACC STAFF?**

18 A. Yes. With these exceptions for future use, the depreciation rates recommended by the
19 ACC Staff reflect conditions typically found in Arizona where the Company's assets are
20 located. The rates that the Company has been applying are inconsistent among districts
21 and adopting rates that are consistent among districts for similar equipment is appropriate
22 both under stand-alone treatment of the districts as well as under a consolidated

1 paradigm. I find the depreciation rates recommended by the ACC Staff are not out of
2 line with general comparative data on a regional basis and, more importantly, reflect the
3 judgement of both the Company and ACC Staff who are most familiar with local
4 conditions.

5 **IV. TOLLESON AGREEMENT**

6 **Q. WOULD YOU BRIEFLY DESCRIBE WHAT IS KNOWN AS THE “TOLLESON**
7 **AGREEMENT”?**

8 A. Yes. The Tolleson Agreement is a long term agreement under which the City of Tolleson
9 treats at its Tolleson Wastewater Treatment Plant the wastewater of the Company’s Sun
10 City Wastewater District which does not have its own treatment facility. The Company
11 pays for the wastewater treated under the Tolleson Agreement in accordance with four
12 “Rate Components”; the first two are financing and operating costs that the ACC has
13 treated for rate setting purposes as part of the Company’s operating expenses, and Rate
14 Components 3 and 4 are the Company’s upfront payments for capital costs that the ACC
15 treats as deferred regulatory assets. For rate setting purposes, the ACC has required the
16 Company to recover the cost of the regulatory assets over the life of the assets, and not
17 over the life of the financing of the payments to the City of Tolleson.

18 **Q. DO YOU AGREE WITH THE ACC’S RATE SETTING TREATMENT OF THE**
19 **REGULATORY ASSETS BY AMORTIZING THE COSTS OVER THE LIFE OF**
20 **THE ASSETS?**

21 A. Yes. For rate setting purposes, the cost of the regulatory assets is essentially the same as
22 the assets directly owned by the Company, for which the recovery of the cost is through

1 the annual amortization over the life of the assets and the unamortized balance is
2 includable in rate base to recognize the associated carrying cost, or cost of capital.

3 **Q. THERE ARE FOUR NEW DEFERRED COSTS THAT MUST BE TREATED**
4 **FOR RATE SETTING IN THIS CASE: RATE COMPONENT - 3 RESERVES &**
5 **CONTINGENCIES, RATE COMPONENT 4 - DECHLORINATION PROJECT,**
6 **RATE COMPONENT 4 - SOLIDS HANDLING PROJECT, AND RATE**
7 **COMPONENT 4 – AMMONIA PROJECT. WHAT AMORTIZATION PERIODS**
8 **DO YOU RECOMMEND FOR THESE RATE COMPONENTS?**

9 A. The Rate Component 3 – Reserves & Contingencies is a category that is intended to be
10 used for investments in capital assets that have an estimated service life of 10 years or
11 less. In a previous rate case proceeding, an existing similar category was allowed to be
12 amortized over 10.33 years. Since this period has been established as a reasonable
13 amortization period by the ACC, the Company is proposing a 10.33 year amortization
14 period to the new additions to Rate Component 3 – Reserves and Contingencies. In my
15 opinion, it would be consistent and appropriate also to use 10.33 years for this new
16 deferred amount. Because the deferred costs of the three projects under Rate Component
17 4 are assets similar to those in the Company’s Treatment & Disposal accounts, I
18 recommend that they be amortized over the same average service life applicable to those
19 accounts, or 15 years.

20 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

21 A. Yes.

**EPCOR Water Arizona Inc.
Recommended Depreciation Rates
Wastewater Districts**

| A/C No. | Description | Average Service Lives | Annual Depreciation Rates |
|-------------------------|--|------------------------------|----------------------------------|
| Collection Plant | | | |
| 354.2 | Structures and Improvements | 30 | 3.33% |
| 355.0 | Power Generation Equipment | 20 | 5.00% |
| 355.5 | Power Generation Equipment - RWTP | 20 | 5.00% |
| 360.0 | Collection Sewers - Force | 50 | 2.00% |
| 361.0 | Collection Sewers - Gravity | 40 | 2.50% |
| 362.0 | Special Collecting Structures | 50 | 2.00% |
| 363.0 | Service to Customers | 50 | 2.00% |
| 364.0 | Flow Measuring Devices | 10 | 10.00% |
| Pumping Plant | | | |
| 354.3 | Structures and Improvements | 30 | 3.33% |
| 355.3 | Power Generation Equipment | 20 | 5.00% |
| 370.0 | Receiving Wells | 30 | 3.33% |
| 371.0 | Pumping Equipment | 8 | 12.50% |
| 371.1 | Pumping Equipment - Electric | 8 | 12.50% |
| 371.2 | Pumping Equipment - Other Power | 8 | 12.50% |
| Treatment Plant | | | |
| 354.4 | Structures and Improvements | 30 | 3.33% |
| 355.5 | Power Generation Equipment | 20 | 5.00% |
| 380.0 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.05 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.1 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.2 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.25 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.3 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.35 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.4 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.5 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.6 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.625 | Treatment & Disposal Equip. | 15 | 6.67% |
| 380.65 | Treatment & Disposal Equip. | 15 | 6.67% |
| 381.0 | Plant Sewers | 20 | 5.00% |
| 382.0 | Outfall Sewer Lines | 30 | 3.33% |
| 389.1 | WW Other Pit & Misc. Equip. Intangible | 15 | 6.67% |
| 389.6 | Other P/E - CPS | 15 | 6.67% |
| General Plant | | | |
| 354.5 | Structures and Improvements | 30 | 3.33% |
| 390.0 | Office Furniture & Equipment | 15 | 6.67% |
| 390.2 | Computers & Peripheral | 5 | 20.00% |
| 390.3 | Computer Software | 5 | 20.00% |
| 391.0 | Transportation Equipment | 5 | 20.00% |
| 392.0 | Stores Equipment | 25 | 4.00% |
| 393.0 | Tools, Shop and Garage Equip. | 20 | 5.00% |
| 394.0 | Laboratory Equipment | 10 | 10.00% |
| 395.0 | Power Operated Equipment | 20 | 5.00% |
| 396.0 | Communication Equipment | 10 | 10.00% |
| 397.0 | Miscellaneous Equipment | 10 | 10.00% |
| 398.0 | Other Tangible Plant | 10 | 10.00% |



Memorandum

DATE: April 5, 2016
TO: Andrew Brown, P.E.
FROM: Paul Kinshella, P.E.
SUBJECT: White Paper - "Useful Life of WW Infrastructure (Plant Equipment and Pipelines)"

Attached is a White Paper addressing the Useful Life of WW Infrastructure (Plant & Equipment and Pipelines) in Arizona. This paper was developed to quantify and qualify the conditions that impact the life of wastewater equipment in Arizona, primarily extremely warm temperatures and water conservation efforts. As a result, infrastructure and equipment do not achieve the life expectancy that may be achieved in other environments.

WW Infrastructure (Plant Equipment and Pipelines) – Useful Life

General Wastewater Treatment Plant Conditions

Fugitive hydrogen sulfide (H₂S) is present at all wastewater treatment plants. Plants with odor scrubbers only reduce the airborne H₂S to the level that is required to meet air quality standards. The remainder of the H₂S is discharged into the air. Some of the H₂S is still in the wastewater after it passes through the headworks of the wastewater plant. This H₂S is released in non-scrubbed process area of the treatment plant.

H₂S production is impacted by temperature, wastewater strength and lack of oxygen. Wastewater temperatures in the Phoenix area are the highest in the country. Water conservation has decreased the amount of water discharged from each household. People flush less water into the wastewater collection system. They put the same or increasing amounts of solids and organics into the wastewater. This results in an ever increasing strength of wastewater. The higher strength and higher temperature wastewater produces greater concentrations of H₂S. The high strength wastewater quickly strips out any available oxygen leaving an ideal environment for the production of H₂S in the wastewater collection systems EPCOR operates. Our H₂S problem is growing and continually shortening the life of the infrastructure and equipment we use to transport and treat wastewater.

Off-gassed H₂S serves as a food for the bacterial slime layer that grows in the warm moist environments in the wastewater treatment and collection systems. The first stage of the bacteria that grows lowers the pH (through the formation of sulfuric acid) by one pH unit. The first step takes the pH from 7 to 6. The pH of 6 then selects a different strain of bacteria. This strain of bacteria now lowers the pH from 6 to 5. This cycle continues until the pH is 2 or below. Sulfuric acid at this pH level quickly destroys concrete and metal structures and equipment.

Processes at the treatment plant or in the wastewater collection system that are covered have high humidity in the airspace above the water level. As the temperature cools this humidity condenses on the metal and other materials above the water level. Covers over the aerated bioreactors not only hold in moisture but result in higher levels of carbon dioxide in the confined air space. Carbon dioxide can form carbonic acid corroding metals or weakening the surface of concrete structures.

We use chlorine for disinfection at our treatment plants. It is not possible to keep all the chlorine contained in the piping and storage vessels. Fugitive chlorine even at very low levels of concentration corrodes equipment at the wastewater treatment and pumping systems. The copper in control systems, electrical equipment and motors has a shortened life due to the combined exposure of small amounts of chlorine gas and H₂S.

Wastewater Collection Mains

There are two areas of the wastewater collection system that have different type of failure modes. Each has separate issues the lead to a shortened useful life.

Manholes represent over 25% of the cost of a gravity sewer collection system. The manholes are constructed of concrete and are subject to H₂S corrosion. If the manhole is sufficiently corroded it will collapse and result in a sewer blockage and overflow. The H₂S issue is worse in the collection system in areas with a high percentage of seasonal occupation. Up to 50% of the houses in neighborhoods EPCOR serves are not occupied in the summer. This decreases the flow during these months. This results in solids being deposited in the sewer lines. These solids decompose and form major quantities of H₂S. This H₂S is forced out of the sewer mains twice daily as flow increase in the morning and after dinner. The pick holes in manhole lids are where the gas is exhausted. This results in high concentrations of H₂S in the manholes for extended periods. The H₂S greatly shortens the life of manholes in areas such as Sun City and Sun City West.

Sewer mains in Sun City and Sun City West are primarily located under or behind the sidewalk rather than in the street. This makes them more vulnerable to root intrusion. As wastewater collection systems age, one of the first areas in the sewer pipes to deteriorate is the material used to make the joints water tight. This is true of both vitrified clay and PVC pipes. Once the joint deteriorates sufficiently to allow seepage, roots in the vicinity will enter the pipe. As the roots grow, they break the pipe joint open resulting in failure of the pipe. This is a common failure in both Sun City and Sun City West due to the location of the wastewater mains. The laterals of these pipes experience the same issues and damage at or near the sewer wye connecting the main to the lateral quickly causes a premature failure of the pipe.



Root intrusion clogging the pipe causing solids deposition and increasing H₂S production. Photos from CCTV inspection of EPCOR sewers



Root intrusion breaking the pipes, causing deposition resulting in H₂S formation



Solids deposition - lack of flow in the summer time causing H₂S formation.

Wastewater Treatment Plants

The preliminary and primary treatment processes of the plants operate in very harsh environments that severely limit the life of the equipment. These areas experience the highest H₂S levels. These areas are enclosed to limit the dissemination of odors which results in a high humidity environment. The diurnal atmospheric temperature changes condense moisture on the equipment. Corrosion and the rough service greatly shorten the life of equipment and the structures in these areas.

Specific equipment and processes in these areas are:

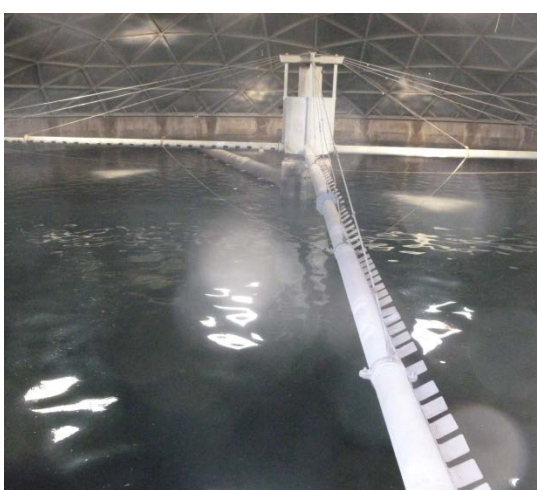
- Flow Measurement
- Bar Screens
- Grit Removal
- Primary Sedimentation Basins?



Corrosion of metal at wastewater treatment plants caused by H₂S in covered basins. Plant about 8 years old.



Repair of wastewater treatment tank replaced. Corroded metal removed for replacement



Odor containment structure in moist air causing corrosion shortening the life of the covers.



Raw wastewater screen located in a highly corrosive area with a very short life.



Concrete corrosion at a wastewater treatment plant

Aeration basin and secondary sedimentation basins are typically covered to limit fugitive odors. The covers increase the humidity and corrosion under the covers. Metal equipment and concrete in these process areas are exposed to carbonic acids. In order to treat wastewater to the recently required standards, anoxic/anaerobic zones without free oxygen must be present. These conditions decrease the service life of the equipment and concrete or steel basins in these areas.

The recent water quality requirements imposed on treatment plants, especially those that treat wastewater for reuse, require a high concentration of mixed liquor (biological solids) in the treatment process. The increase solids place a greater work load on the solids handling and treatment equipment. The sludge digester and treatment areas processes can produce H₂S gas. This gas shortens the life of the equipment and structures used for these processes. The sludge dewatering equipment must perform in a corrosive environment that limits the useful life of equipment. If the sludge is not dewatered, it must be transported in liquid form. The pumps and equipment using this transportation process have a shorter life due to the increase in solids from the biological process that must be treated and disposed.



Air diffuser damage – Expected life 5-8 years

Electrical equipment at wastewater treatment plants is challenged by two different modes of attack. Fugitive H₂S attacks the copper wire. This occurs primarily at the switch gear and control panels. This deterioration is compounded by manufacturers not making replacement parts for electrical equipment that is more than 10 years old. This is particularly true for variable frequency drives and the internal circuits that provide the control for this equipment.

There are electric cables throughout a wastewater plant to power the equipment. The failure mode for electrical equipment is the deterioration of the insulating cover on the wire cables. The life of the insulating material on the wires is shortened by the heat we experience in Arizona. If the power distribution is allowed to fail, it fails catastrophically. Replacement of cable in an unplanned event can take months and the processes that were fed by those cables will not provide treatment during these periods. Power cables must be replaced before failure. A wastewater plant must not let power cables go to the maximum life before replacement. The consequence of failure is too great.

In order to control the complex process now used to treat wastewater, a robust SCADA system must be in place. The systems consist of measuring devices, logic controllers and process adjustment equipment like valves, pumps and chemical feed equipment. This equipment is located in rough duty service areas. This limits the service life of the equipment. The electronics industry that supplies this equipment is constantly developing new equipment. This also means that they are no longer making parts for their older equipment (about 3 to 5 years). This lack of parts availability limits the life the equipment.

Lift Stations and Force Mains

Wastewater is held in the wet well of a lift station until sufficient volume is collected to allow the pump to run for sufficient time to allow the motor to dissipate the heat caused by start-up of the motor. Because this wastewater is held for a period of time, H₂S is generated. The decrease in flow the EPCOR system experiences in the summer months caused by the seasonal residence issues only increases this problem.

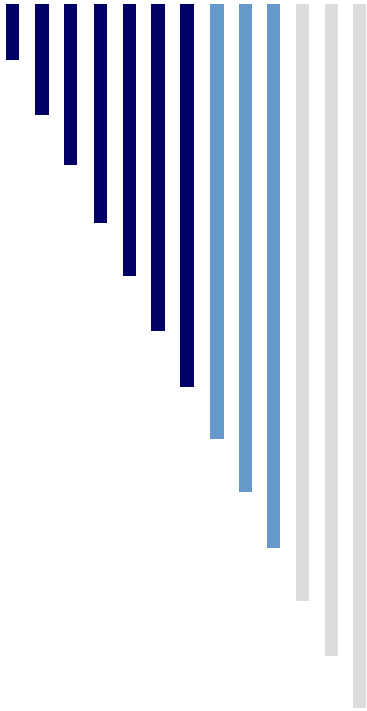
The H₂S decreases the life of the lift station concrete, the pumps and other mechanical equipment at the station especially in the wet well. H₂S that is not off gassed in the wet well is pumped with the wastewater into the force main. Because the lift station pumps run an off and on cycle, the wastewater sits in the force main for extended periods. This is especially true during summer months. The H₂S off gasses in the force main and collects at any high points inevitably left in the main. This H₂S gas shortens the life of all pipe materials but especially any metal pipes or pipe fittings. Air relief valves are installed on force mains to vent the H₂S that has collected in the pipe. This H₂S corrodes the valves and fittings that were installed to release the trapped gas. This shortens the life of the wastewater force main collection systems.

Electrical/SCADA Equipment and Motors

Very small amounts of H₂S are very destructive to the copper in electric motors, SCADA equipment, and to some degree mechanical equipment at a wastewater plant. This corrosion attack also affects the wire carrying power to the treatment processes at a wastewater treatment plant.

Guastella Associates, LLC

Qualifications & Experience



Rate Setting
Valuation
Management
Consulting

...SERVING REGULATED AND UNREGULATED WATER AND WASTEWATER UTILITIES SINCE 1978

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INTRODUCTION

GUASTELLA ASSOCIATES, LLC

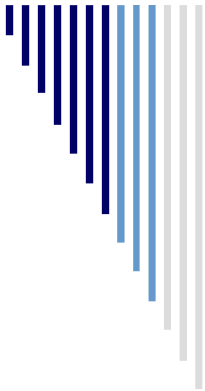
Guastella Associates, LLC (“formerly John F. Guastella Associates, Inc.”) is a consulting firm that specializes in providing utility rate setting, valuation and management services for public and privately-owned water and wastewater utilities.

John F. Guastella established Guastella Associates in 1978. Previously, Mr. Guastella was Director of the Water Division of the New York Public Service Commission. The Water Division provided the New York Commission with technical assistance in regulating the rates and service provided by approximately 450 privately-owned utilities. During the period from 1987 through 1991, Mr. Guastella also managed a 5,500 customer water utility in New York State. In 1989, Guastella Associates acquired the rates and valuation section of Coffin & Richardson, Inc., a general consulting firm that also provided a full range of services to water and wastewater utilities. Since 2009, Guastella Associates has served as the general manager of Daufuskie Island Utility Company, Inc. (“DIUC”), responsible for its day-to-day operations, billing, bookkeeping, financing, capital improvement projects and regulatory relations. DIUC provides water and wastewater service to some 550 connected customers and 600 availability customers located on Daufuskie Island South, Carolina.

As can be seen from the following qualifications and experience, key staff members have many years of combined experience in virtually every aspect of utility rate setting and valuation. The technical expertise of key staff, combined with their former employment by real estate and utility companies, a regulatory agency, and the management of water utilities, provides a total perspective towards addressing the rates and valuation needs of today’s water and wastewater utilities.

Guastella Associates has assisted the largest privately-owned utilities with respect to the most challenging issues, performing complex studies and providing expert testimony in administrative hearings as well as court proceedings. In addition, our client base has included hundreds of small water and wastewater utilities - - obtaining rate increases that turn operating losses into profits, posturing them for financing, correcting record keeping errors and, for some, negotiating their sale at multiples of their original cost net investment rate base. Some of our most successful assignments have been to help establish new developer-related water and wastewater utilities, applying the correct principles at the outset in order to develop fully compensatory initial rates, record keeping procedures and asset management, so they are structured to become self-sustaining utilities that will achieve the highest possible profit and ultimate market value.

Our wide-range of experience and expertise has enabled us to successfully address the special needs of large investor-owned utilities in rate cases and condemnation proceedings.



OUTLINE OF SERVICES GUASTELLA ASSOCIATES, LLC

Guastella Associates, LLC (“formerly John F. Guastella Associates, Inc.”) is a consulting firm specializing in utility management, valuation, appraisals and rate determinations. Guastella Associates has been providing professional services to regulated and unregulated utilities since 1978.

Specific areas of expertise includes:

I. RATE ANALYSIS

A. Revenue Requirements

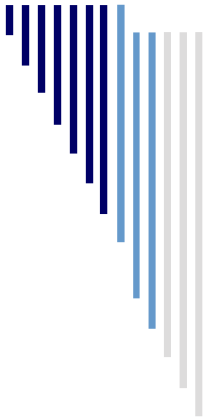
1. Examination of books and records -- revenues, expenses and capital investment.
2. Determination of the cost of providing service (revenue requirement) -- normalize historical data, establish known changes and perform projections.

B. Rate Design

1. Perform cost allocation studies to establish cost of service for residential, commercial, industrial, wholesale and fire protection customers, and for other special users.
2. Develop rate structures -- combine billing analyses and cost allocations to form usage rates, flat rates, minimum service and facilities charges, and such other special charges as connection fees, availability rates, etc.

C. Reports

1. Investor-owned utilities -- prepare complete rate filings for submission to regulatory agencies; prepare testimony, exhibits, and assist in all aspects of adjudication process.
2. Municipal utilities -- prepare detailed rate reports in support of rate increases for use by municipal officials and presentation at municipal hearings.



OUTLINE OF SERVICES

GUASTELLA ASSOCIATES, LLC

II. VALUATIONS

A. Appraisals

1. Eminent domain condemnation proceedings, negotiations for sale of utilities, damage claims for insurance and ad valorem tax and management purposes.
2. Determinations of original cost, replacement cost, reproduction cost and market value, including going concern value.
3. Calculation of the present value of cash flow under the income approach to market value determinations.
4. Analyses of market data under the sales comparison approach.

B. Depreciation

1. Actuarial studies using retirement rate or simulated plant balances methods to determine average service lives of physical property, theoretical depreciation reserve requirements and depreciation rates.
2. Establish affordable depreciation rates on the basis of comparative analyses of similar property of other utilities and practices of regulatory agencies and association

C. Feasibility Studies

1. Utility acquisitions by investors and municipalities.
2. Economic studies to establish extension of service costs and policy -- inside and outside service area.
3. Main extension agreements, guaranteed revenue contracts, refund provisions.

D. Financial Planning

1. Establish financing requirements for capital improvements.
2. Determine revenue and rate needs for various combinations of debt and equity financing.
3. Assist certain utilities in securing financing.
4. Establish financing needs, initial rates and regulatory approval of proposed new utilities.

III. MANAGEMENT

A. Operations

1. Provides general management of water and wastewater utilities.
2. Assist in day-to-day decisions as to utility accounting and related impact on rates.
3. Solve problems as to record keeping in accordance with regulatory requirements and prescribed systems of accounts.
4. Establish general policy and tariff provisions for customer service, billing, collecting, meter testing, complaint handling, and customer and regulatory relations.

B. Administrative

1. Coordinate activities with regulatory agencies to assure compliance with rules, regulations and orders.
2. Negotiations for purchase or sale of utility property and special contracts.

C. Training

1. On-the-job training for employees while working on various projects.
2. Special educational seminars on all aspects of utility rate settings, financing, valuation and rules.

PROFESSIONAL QUALIFICATIONS AND EXPERIENCE
of
JOHN F. GUASTELLA

B.S., Mechanical Engineering, Stevens Institute of Technology, 1962

Member:

American Water Works Association, Lifetime Member
National Association of Water Companies
New England Water Works Association, Lifetime Member

Committees:

AWWA, Water Rates Committee (Water Rates Manual M-1, 1983 Edition)
National Association of Regulatory Utility Commissioners (NARUC) and NAWC, Joint-Committee on Rate Design
NAWC, Rates and Revenues Committee
NAWC, Small Water Company Committee

Mr. Guastella is President of Guastella Associates, LLC (“formerly John F. Guastella Associates, Inc.”) which provides management, valuation and rate consulting services for municipal and investor-owned utilities, as well as regulatory agencies. His clients include utilities in the states of Alaska, Arizona, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Maine, Maryland, Massachusetts, Missouri, Michigan, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Ohio, Pennsylvania, South Carolina, Texas, Rhode Island and Virginia. He has provided consulting services that include all aspects of utility regulation and rate setting, encompassing revenue requirements, revenues, operation and maintenance expenses, depreciation, taxes, return on investment, cost allocation and rate design. He has performed depreciation studies for the establishment of average service lives and depreciation rates of utility property. He has performed appraisals of utility companies for management purposes and in connection with condemnation proceedings. He has also negotiated the sale of utility companies. He directs the general management of a water and wastewater utility in South Carolina.

Mr. Guastella served for more than four years as President of Country Knolls Water Works, Inc., a water utility that served some 5,500 customers in Saratoga County, New York. He also served as a member of the Board of Directors of the National Association of Water Companies.

Mr. Guastella has qualified and testified as an expert witness before regulatory agencies and municipal jurisdictions in the states of Alaska, Arizona, California, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Maryland, Massachusetts, Missouri, Montana, Nevada, New Hampshire, New Mexico, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas and Virginia.

Prior to establishing his own firm, Mr. Guastella was employed by the New York State Public Service Commission for sixteen years. For two years he was involved in the regulation of electric and gas utilities, with the remaining years devoted to the regulation of water utilities. In 1970, he was promoted to Chief of Rates and Finance in the Commission's Water Division. In 1972, he was made Assistant Director of the Water Division. In 1974, he was appointed by Alfred E. Kahn, then Chairman of the Commission, to be Director of the Water Division, a position he held until he resigned from the Commission in August 1978.

At the Commission, his duties included the performance and supervision of engineering and economic studies concerning rates and service of many public utilities. As Director of the Water Division, he was responsible for the regulation of more than 450 water companies in New York State and headed a professional staff of 32 engineers and three technicians. A primary duty was to attend Commission sessions and advise the Commission during its decision making process. In the course of that process, an average of about fifty applications per year would be reviewed and analyzed. The applications included testimony, exhibits and briefs

involving all aspects of utility valuation and rate setting. He also made legislative proposals and participated in drafting Bills that were enacted into law: one expanded the N.Y. Public Service Commission's jurisdiction over small water companies and another dealt specifically with rate regulation and financing of developer-related water systems.

In addition to his employment and client experience, Mr. Guastella served as Vice-Chairman of the Staff-Committee on Water of the National Association of Regulatory Utility Commissioners (NARUC). This activity included the preparation of the "Model Record-Keeping Manual for Small Water Companies," which was published by the NARUC. This manual provides detailed instruction on the kinds of operation and accounting records that should be kept by small water utilities, and on how to use those records.

Each year since 1974 he has prepared study material, assisted in program coordination and served as an instructor at the Eastern Annual Seminar on Water Rate Regulation sponsored over the years by the NARUC in conjunction with the University of South Florida, Florida Atlantic University, the University of Utah, Florida State University, the University of Florida and currently Michigan State University. In 1980 he was instrumental in the establishment of the Western NARUC Rate Seminar and has annually served as an instructor since that time. This course is recognized as one of the best available for teaching rate-setting principles and methodology. More than 7,500 students have attended this course, including regulatory staff, utility personnel and members of accounting, engineering, legal and consulting firms throughout the country.

Mr. Guastella served as an instructor and panelist in a seminar on water and wastewater regulation conducted by the Independent Water and Sewer Companies of Texas. In 1998, he prepared and conducted a seminar on basic rate regulation on behalf of the New England Chapter of the National Association of Water Companies. In 2000 and 2001, Mr. Guastella developed and conducted a special seminar for developer related water and wastewater utilities in conjunction with Florida State University, and again in 2003 in conjunction with the University of Florida. It provided essential training for the financial structuring of small water and wastewater utilities, rate setting, financing and the establishment of their market value in the event of a negotiated sale or condemnation. In 2004, he prepared and conducted a special workshop seminar on behalf of the Office of Regulatory Staff of South Carolina, covering rate setting, valuation and general regulation of water and wastewater utilities. In 2006, he participated in an expert workshop on full cost pricing conducted by the U. S. Environmental Protection Agency in coordination with the Institute of Public Utilities, Michigan State University. In 2006 and again in 2013, he prepared and conducted a special seminar on rate setting and valuation on behalf of the New York Chapter of the NAWC. In 2007 and again in 2015, he prepared and conducted a special seminar on rate setting and valuation on behalf of the New England Chapter of NAWC.

Mr. Guastella has made presentations on a wide variety of rate, valuation and regulatory issues at meetings of the National Association of Regulatory Utility Commissioners, the American Water Works Association, the New England Water Works Association, the National Association of Water Companies, the New England Conference of Public Utilities Commissioners, the Florida, New England, New Jersey and New York Chapters of NAWC, the Mid-America Regulatory Conference, the Southeastern Association of Regulatory Utility Commissioners, the Pennsylvania Environmental Conference, the Public Utility Law Section of the New Jersey Bar Association, and the NAWC Water Utility Executive Council.

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|--------------|--------------------------------------|
| 1966 | Sunhill Water Corporation | New York | 23968 |
| 1967 | Amagansett Water Company | New York | 24210 |
| 1967 | Worley Homes, Inc. | New York | 24466 |
| 1968 | Amagansett Water Company | New York | 24718 |
| 1968 | Amagansett Water Company | New York | 24883 |
| 1968 | Sunhill Water Corporation | New York | 23968 |
| 1968 | Worley Homes, Inc. | New York | Supreme Court |
| 1969 | Amagansett Water Supply | New York | 24883 |
| 1969 | Citizens Water Supply Co. | New York | 25049 |
| 1969 | Worley Homes, Inc. | New York | 24466/24992 |
| 1970 | Brooklyn Union Gas Company | New York | 25448 |
| 1970 | Consolidated Edison of New York | New York | 25185 |
| 1971 | Hudson Valley Water Companies | New York | 26093 |
| 1971 | Jamaica Water Supply Company | New York | 26094 |
| 1971 | Port Chester Water Works, Inc. | New York | 25797 |
| 1971 | U & I Corp. - Merrick District | New York | 26143 |
| 1971 | Wanakah Water Company | New York | 25873 |
| 1972 | Spring Valley Water Company | New York | 26226 |
| 1972 | U & I Corp. - Woodhaven District | New York | 26232 |
| 1973 | Citizens Water Supply Company | New York | 26366 |
| 1978 | Rhode Island DPU&C (Bristol County) | Rhode Island | 1367A |
| 1979 | Candlewick Lake Utilities Co. | Illinois | 76-0218 |
| 1979 | Candlewick Lake Utilities Co. | Illinois | 76-0347 |
| 1979 | Candlewick Lake Utilities Co. | Illinois | 78-0151 |
| 1979 | Jacksonville Suburban Utilities | Florida | 770316-WS |
| 1979 | New York Water Service Corporation | New York | 27594 |
| 1979 | Salem Hills Sewerage Disposal Corp. v. V. of Voorheesville | New York | Supreme Court |

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|------------------------------------|--------------|--------------------------------------|
| 1979 | Seabrook Water Corporation | New Jersey | 7910-846 |
| 1979 | Southern Utilities Corporation | Florida | 770317-WS |
| 1979 | Township of South Brunswick | New Jersey | Municipal |
| 1979 | Westchester Joint Water Works | New York | Municipal |
| 1979 | Woodhaven Utilities Corporation | Illinois | 77-0109 |
| 1980 | Crestwood Village Sewer Company | New Jersey | BPU 802-78 |
| 1980 | Crestwood Village Water Company | New Jersey | BPU 802-77 |
| 1980 | Gateway Water Supply Corporation | Texas | Municipal |
| 1980 | GWW-Central Florida District | Florida | 800004-WS |
| 1980 | Jamaica Water Supply Company | New York | 27587 |
| 1980 | Rhode Island DPU&C (Newport Water) | Rhode Island | 1480 |
| 1981 | Briarcliff Utilities, Inc. | Texas | 3620 |
| 1981 | Candlewick Lake Utilities Co. | Illinois | 81-0011 |
| 1981 | Caroline Water Company, Inc. | Virginia | 810065 |
| 1981 | GDU, Inc. - Northport | Florida | Municipal |
| 1981 | GDU, Inc. - Port Charlotte | Florida | Municipal |
| 1981 | GDU, Inc. - Port Malabar | Florida | 80-2192 |
| 1981 | Hobe Sound Water Company | Florida | 8000776 |
| 1981 | Lake Buckhorn Utilities, Inc. | Ohio | 80-999 |
| 1981 | Lake Kiowa Utilities, Inc. | Texas | 3621 |
| 1981 | Lakengren Utilities, Inc. | Ohio | 80-1001 |
| 1981 | Lorelei Utilities, Inc. | Ohio | 80-1000 |
| 1981 | New York Water Service Corporation | New York | 28042 |
| 1981 | Rhode Island DPU&C (Newport Water) | Rhode Island | 1581 |
| 1981 | Shawnee Hills Utility Company | Ohio | 80-1002 |
| 1981 | Smithville Water Company, Inc. | New Jersey | 808-541 |
| 1981 | Spring Valley Water Company, Inc. | New York | 27936 |
| 1981 | Spring Valley Water Company, Inc. | New York | 27936 |
| 1981 | Sunhill Water Corporation | New York | 27903 |

John F. Guastella
List of Proceedings in which
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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|--------------|--------------------------------------|
| 1981 | Swan Lake Water Corporation | New York | 27904 |
| 1982 | Chesterfield Commons Sewer Company | New Jersey | 822-84 |
| 1982 | Chesterfield Commons Water Company | New Jersey | 822-83 |
| 1982 | Crescent Waste Treatment Corp. | New York | Municipal |
| 1982 | Crestwood Village Sewer Company | New Jersey | 821-33 |
| 1982 | Crestwood Village Water Company | New Jersey | 821-38 |
| 1982 | Salem Hills Sewerage Disposal Corp. | New York | Municipal |
| 1982 | Township of South Brunswick | New Jersey | Municipal |
| 1982 | Woodhaven Utilities Corporation | Illinois | 82-0167 |
| 1983 | Country Knolls Water Works, Inc. | New York | 28194 |
| 1983 | Heritage Hills Water Works Corp. | New York | 28453 |
| 1984 | Crestwood Village Sewer Company | New Jersey | 8310-861 |
| 1984 | Crestwood Village Water Company | New Jersey | 8310-860 |
| 1984 | Environmental Disposal Corp. | New Jersey | 816-552 |
| 1984 | GDU, Inc. - Port St. Lucie | Florida | 830421 |
| 1984 | Heritage Village Water (water/sewer) | Connecticut | 84-08-03 |
| 1984 | Hurley Water Company, Inc. | New York | 28820 |
| 1984 | New York Water Service Corporation | New York | 28901 |
| 1985 | Deltona Utilities (water/sewer) | Florida | 830281 |
| 1985 | J. Filiberto Sanitation, Inc. | New Jersey | 8411-1213 |
| 1985 | Sterling Forest Pollution Control | New York | Municipal |
| 1985 | Water Works Enterprise, Grand Forks | North Dakota | Municipal |
| 1986 | GDU, Inc. - Port Charlotte | Florida | Municipal |
| 1986 | GDU, Inc. - Sebastian Highlands | Florida | Municipal |
| 1986 | Kings Grant Water/Sewer Companies (settled) | New Jersey | WR8508-868 |
| 1986 | Mt. Ebo Sewage Works, Inc. | New York | Municipal |
| 1986 | Sterling Forest Pollution Control | New York | Municipal |
| 1987 | Country Knolls Water Works, Inc. | New York | 29443 |
| 1987 | Crestwood Village Sewer Co. (settled) | New Jersey | WR8701-38 |

John F. Guastella
List of Proceedings in which
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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|---------------|--------------------------------------|
| 1987 | Deltona Utilities – Marco Island | Florida | 85151-WS |
| 1987 | Deltona Utilities, Inc. - Citrus Springs (settled) | Florida | 870092-WS |
| 1987 | First Brewster Water Corp. v. Town of Southeast (settled) | New York | Supreme Court |
| 1987 | GDU, Inc. - Silver Springs Shores | Florida | 870239-WS |
| 1987 | Ocean County Landfill Corporation | New Jersey | SR-8703117 |
| 1987 | Palm Coast Utility Corporation | Florida | 870166-WS |
| 1987 | Sanlando Utilities Corp. (settled) | Florida | 860683-WS |
| 1987 | Township of South Brunswick | New Jersey | Municipal |
| 1987 | Woodhaven Utilities Corp. (settled) | Illinois | 87-0047 |
| 1988 | Crescent Estates Water Co., Inc. | New York | 88-W-035 |
| 1988 | Elizabethtown Water Co. | New Jersey | OAL PUC3464-88 |
| 1988 | Heritage Village Water Company | Connecticut | 87-10-02 |
| 1988 | Instant Disposal Service, Inc. | New Jersey | SR-87080864 |
| 1988 | J. Filiberto Sanitation v. Morris County Transfer Station | New Jersey | 01487-88 |
| 1988 | Ohio Water Service Co. | Ohio | 86-1887-WW-CO1 |
| 1988 | St. Augustine Shores Utilities | Florida | 870980-WS |
| 1989 | Elizabethtown Water Co. | New Jersey | BPU WR89020132J |
| 1989 | GDU (FPSC generic proceeding as to rate setting procedures) | Florida | 880883-WS |
| 1989 | Gordon's Corner Water Co. | New Jersey | OAL PUC479-89 |
| 1989 | Heritage Hills Sewage Works | Connecticut | Municipal |
| 1989 | Heritage Village Water Company | Connecticut | 87-10-02 |
| 1989 | Palm Coast Utility Corporation | Florida | 890277-WS |
| 1989 | Southbridge Water Supply Co. | Massachusetts | DPU 89-25 |
| 1989 | Sterling Forest Water Co. | New York | PSC 88-W-263 |
| 1990 | American Utilities, Inc. - United States Bankruptcy Court | New Jersey | 85-00316 |
| 1990 | City of Carson City | Nevada | Municipal |
| 1990 | Country Knolls Water Works, Inc. | New York | 90-W-0458 |
| 1990 | Elizabethtown Water Company | New Jersey | WR900050497J |

John F. Guastella
List of Proceedings in which
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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|--------------|--------------------------------------|
| 1990 | Kent County Water Authority | Rhode Island | 1952 |
| 1990 | Palm Coast Utility Corporation | Florida | 871395-WS |
| 1990 | Southern States Utilities, Inc. | Florida | Workshop |
| 1990 | Trenton Water Works | New Jersey | WR90020077J |
| 1990 | Waste Management of New Jersey | New Jersey | SE 87070552 |
| 1990 | Waste Management of New Jersey | New Jersey | SE 87070566 |
| 1991 | City of Grand Forks | North Dakota | Municipal |
| 1991 | Gordon's Corner Water Co. | New Jersey | OAL PUC8329-90 |
| 1991 | Southern States Utilities, Inc. | Florida | 900329-WS |
| 1992 | Elizabethtown Water Co. | New Jersey | WR 91081293J |
| 1992 | General Development Utilities, Inc. - Port Malabar Division | Florida | 911030-WS |
| 1992 | General Development Utilities, Inc. - West Coast Division | Florida | 911067-WS |
| 1992 | Heritage Hills Water Works, Inc. | New York | 92-2-0576 |
| 1993 | General Development Utilities, Inc. - Port LaBelle Division | Florida | 911737-WS |
| 1993 | General Development Utilities, Inc. - Silver Springs Shores | Florida | 911733-WS |
| 1993 | General Waterworks of Pennsylvania - Dauphin Cons. Water Supply | Pennsylvania | R-00932604 |
| 1993 | Kent County Water Authority | Rhode Island | 2098 |
| 1993 | Southern States Utilities - FPSC Rulemaking | Florida | 911082-WS |
| 1993 | Southern States Utilities - Marco Island | Florida | 920655-WS |
| 1994 | Capital City Water Company | Missouri | WR-94-297 |
| 1994 | Capital City Water Company | Missouri | WR-94-297 |
| 1994 | Elizabethtown Water Company | New Jersey | WR94080346 |
| 1994 | Elizabethtown Water Company | New Jersey | WR94080346 |
| 1994 | Environmental Disposal Corp. | New Jersey | WR94070319 |
| 1994 | General Development Utilities - Port Charlotte | Florida | 940000-WS |
| 1994 | General Waterworks of Pennsylvania | Pennsylvania | R-00943152 |

John F. Guastella
List of Proceedings in which
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| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|--------------|--------------------------------------|
| 1994 | Hoosier Water Company - Mooresville Division | Indiana | 39839 |
| 1994 | Hoosier Water Company - Warsaw Division | Indiana | 39838 |
| 1994 | Hoosier Water Company - Winchester Division | Indiana | 39840 |
| 1994 | West Lafayette Water Company | Indiana | 39841 |
| 1994 | Wilmington Suburban Water Corporation | Delaware | 94-149 (stld) |
| 1995 | Butte Water Company | Montana | Cause 90-C-90 |
| 1995 | Heritage Hills Sewage Works Corporation | New York | Municipal |
| 1996 | Consumers Illinois Water Company | Illinois | 95-0342 |
| 1996 | Elizabethtown Water Company | New Jersey | WR95110557 |
| 1996 | Palm Coast Utility Corporation | Florida | 951056-WS |
| 1996 | PenPac, Inc. | New Jersey | OAL-00788-93N |
| 1996 | Southern States Utilities, Marco Island | Florida | 950495-WS |
| 1997 | Crestwood Village Water Company | New Jersey | BPU 96100739 |
| 1997 | Indiana American Water Co., Inc. | Indiana | IURC 40703 |
| 1997 | Missouri-American Water Company | Missouri | WR-97-237 |
| 1997 | South County Water Corp | New York | 97-W-0667 |
| 1997 | United Water Florida | Florida | 960451-WS |
| 1998 | Consumer Illinois Water Company | Illinois | 98-0632 |
| 1998 | Consumers Illinois Water Company | Illinois | 97-0351 |
| 1998 | Heritage Hills Water Company | New York | 97-W-1561 |
| 1998 | Missouri-American Wastewater Company | Missouri | SR-97-238 |
| 1999 | Consumers Illinois Water Company | Illinois | 99-0288 |
| 1999 | Environmental Disposal Corp. | New Jersey | WR99040249 |
| 1999 | Indiana American Water Co., Inc. | Indiana | IURC 41320 |
| 2000 | South Haven Sewer Works, Inc. | Indiana | Cause: 41410 |
| 2000 | Utilities Inc. of Maryland | Maryland | CAL 97-17811 |
| 2001 | Artesian Water Company | Delaware | 00-649 |
| 2001 | Citizens Utilities Company | Illinois | 01-0001 |
| 2001 | Elizabethtown Water Company | New Jersey | WR-0104205 |

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|----------------|--------------------------------------|
| 2001 | Kiawah Island Utility, Inc. | South Carolina | 2001-164-W/S |
| 2001 | Placid Lakes Water Company | Florida | 011621-WU |
| 2001 | South Haven Sewer Works, Inc. | Indiana | 41903 |
| 2001 | Southlake Utilities, Inc. | Florida | 981609-WS |
| 2002 | Artesian Water Company | Delaware | 02-109 |
| 2002 | Consumers Illinois Water- Grant Park | Illinois | 02-0480 |
| 2002 | Consumers Illinois Water- Village Woods | Illinois | 02-0539 |
| 2002 | Valencia Water Company | California | 02-05-013 |
| 2003 | Consumers Illinois Water - Indianola | Illinois | 03-0069 |
| 2003 | Elizabethtown Water Company | New Jersey | WR-030-70510 |
| 2003 | Golden Heart Utilities, Inc. | Alaska | U-02-13, 14 & 15 |
| 2003 | Utilities, Inc. – Georgia | Georgia | CV02-0495-AB |
| 2004 | Aquarion Water Company | Connecticut | 04-02-14 |
| 2004 | Artesian Water Company | Delaware | 04-42 |
| 2004 | El Dorado Utilities, Inc. | New Mexico | D-101-CU-2004- |
| 2004 | Environmental Disposal Corp. | New Jersey | DPU WR 03 070509 |
| 2004 | Heritage Hills Water Company | New York | 03-W-1182 |
| 2004 | Sun Valley Water & Washoe County Dept. of Water Revenues | Nevada | TMWA Municipal |
| 2004 | Jersey City MUA | New Jersey | Municipal |
| 2004 | Rockland Electric Company | New Jersey | EF02110852 |
| 2005 | Aquarion Water Company | New Hampshire | DW 05-119 |
| 2005 | Intercoastal Utilities, Inc. | Florida | 04-0007-0011-0001 |
| 2005 | Haig Point Utility Company, Inc. | South Carolina | 2005-34-W/S |
| 2005 | South Central Connecticut Regional Water Auth. | Connecticut | Municipal |
| 2006 | Pennichuck Water Works, Inc. | New Hampshire | DW-04048 |
| 2006 | Village of Williston Park | New York | Municipal |
| 2006 | Jersey City MUA | New Jersey | Municipal |
| 2006 | Groton Utilities | Connecticut | Municipal |

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|---|----------------|--------------------------------------|
| 2006 | Connecticut Water Company | Connecticut | 06-07-08 |
| 2006 | Birmingham Utilities, Inc. | Connecticut | 06-05-10 |
| 2006 | Aqua Florida Utilities, Inc. | Florida | 060368-WS |
| 2007 | Aquarion Water Company of CT | Connecticut | 07-05-19 |
| 2007 | Pennichuck Water Works, Inc. | New Hampshire | DW 04-048 |
| 2007 | Aqua Indiana - Utility Center | Indiana | 43331 |
| 2007 | Environmental Disposal Corp. | New Jersey | WR 04 080760 |
| 2007 | Aqua Florida Utilities, Inc. | Florida | 07-0183 |
| 2007 | Aqua Illinois, Inc. - Hawthorn Woods, Willowbrook & Vermilion | Illinois | 07-0620/07-0621/08-0067 |
| 2008 | Aqua Florida Utilities, Inc. | Florida | 080121-WS |
| 2008 | Aquarion Water Company of MA | Massachusetts | D.P.U. 08-27 |
| 2008 | Haig Point Utility Company, Inc. | South Carolina | 2007-414-WS |
| 2009 | R.M.V. Land & C.M. Livestock, L.C.C. | New Jersey | EM02050313 |
| 2010 | City of Griffin | Georgia | Civil Action No. 09V-2866 |
| 2010 | Connecticut Water Company | Connecticut | 09-12-11 |
| 2010 | Montville WPCA | Connecticut | 1400012464 |
| 2010 | Milford Water Company | Massachusetts | DPU 10-78 |
| 2010 | Arizona American Water Company | Arizona | W-01303A-10-0448 |
| 2011 | Aqua Illinois | Illinois | ICC Docket (Consolidated) |
| 2011 | Artesian Water Company | Maryland | MPSC Case 9252 |
| 2011 | Artesian Water Company | Delaware | PSC 11-207 |
| 2011 | Kiawah Island Utility, Inc. | South Carolina | 2011-317-WS |
| 2012 | Washington Gas Light | Maryland | Senate SB541 |
| 2012 | Washington Gas Light | Maryland | House HB662 |
| 2012 | Daufuskie Island Utility | South Carolina | 2011-229-W/S |
| 2012 | Milford Water Company | Massachusetts | DPU 12-86 |
| 2013 | Artesian Water Company | Pennsylvania | 2:10-CV-07453-JP |
| 2013 | Aquarion Water Company - Oxford | Massachusetts | CA 09-00592E |

John F. Guastella
List of Proceedings in which
Expert Testimony
was Presented

| Year | Client | State | Regulatory Docket/Case Number |
|-------------|--|----------------|---|
| 2013 | Water Management Services | Florida | 110200-WU |
| 2013 | City of Fernandina Beach | Florida | Civil Action No. 13CA000485AXYX |
| 2013 | City of Elizabeth | New Jersey | Docket Nos. UNN-L-0556-10 and UNN-L-2608-11 |
| 2014 | Daufuskie Island Utility Company, Inc. | South Carolina | Case No. 2013-CP-7-02255 |
| 2014 | Artesian Water Company | Delaware | Docket No. PSC 14-132 |
| 2014 | Aquarion Water Company - Hingham | New Hampshire | SUCU 2013-03159-BLS2 |
| 2015 | EPCOR | Arizona | ACC Docket # WS-01303A-14-0010 |
| 2015 | Mountain Water Company | Montana | Case # DV-14-352 |
| 2015 | Daufuskie Island Utility Company, Inc. | South Carolina | Docket No. 2014-346-WS |
| 2015 | Housatonic Water Works | Massachusetts | D.P.U. 15-179 |

Papers and Presentations
By
John F. Guastella

| Year | Title | Forum |
|-------------------|--|--|
| 1974 through 2015 | 1. Basics of Rate Setting 2. Cost Allocation and Rate Design 3. Revenue Requirements | Semi-annual seminars on utility rate regulation, National Association of Regulatory Utility Commissioners, sponsored by the University of South Florida, the University of Utah, Florida State University, The University of Florida and currently Michigan State University |
| 1974 | Rate Design Studies: A Regulatory Point-of- View | Annual convention of the National Association of Water Companies, New Haven, Connecticut |
| 1976 | Lifeline Rates | Annual convention of the National Association of Water Companies, Chattanooga, Tennessee |
| 1977 | Regulating Water Utilities: The Customers' Best Interest | Annual symposium of the New England Conference of Public Utilities Commissioners, Mystic Seaport, Connecticut |
| 1978 | Rate Design: Preaching v. Practice | Annual convention of the National Association of Water Companies, Baton Rouge, Louisiana |
| 1979 | Small Water Companies | Annual symposium of the New England Conference of Public Utilities Commissioners, Newport, Rhode Island |
| 1979 | Rate Making Problems Peculiar to Private Water and Sewer Companies | Special educational program sponsored by Independent Water and Sewer Companies of Texas, Austin, Texas |
| 1980 | Water Utility Regulation | Annual meeting of the National Association of Regulatory Utility Commissioners, Houston, Texas |
| 1981 | The Impact of Water Rates on Water Usage | Annual Pennsylvania Environmental Conference, Harrisburg, Pennsylvania |
| 1981 | A Realistic Approach to Regulating Water Utilities | Mid-America Regulatory Conference, Clarksville, Indiana |
| 1982 | Issues in Water Utility Regulation | Annual symposium of the New England Conference of Public Utilities Commissioners, Rockport, Maine |
| 1982 | New Approaches to the Regulation of Water Utilities | Southeastern Association of Regulatory Utility Commissioners, Asheville, North Carolina |
| 1983 | Allocating Costs and Revenues Fairly and Effectively | Maryland Water and Sewer Finance Conference, Westminster, Maryland |
| 1983 | Lifeline and Social Policy Pricing | Annual conference of the American Water Works Association, Las Vegas, Nevada (published) |
| 1984 | The Real Cost of Service: Some Special Considerations | Annual New Jersey Section AWWA Spring Meeting, Atlantic City, New Jersey |
| 1987 | Margin Reserve: It's Not the Issue | Florida Waterworks Association Newsletter, April/May/June 1987 issue |

Papers and Presentations
By
John F. Guastella

| Year | Title | Forum |
|------|---|---|
| 1987 | A "Current" Issue: CIAC | NAWC - New England Chapter November 6, 1987 meeting |
| 1988 | Small Water Company rate Setting: Take It or Leave It | NAWC - New York Chapter June 14, 1988 meeting Leave It |
| 1989 | The Solution to all the Problems of Good Small Water Companies | NAWC Quarterly magazine, Winter issue |
| 1989 | Current Issues Workshop - Panel | New England Conference of Public Utilities Commissioners, Kennebunkport, Maine |
| 1991 | Alternative Rate Structures | New Jersey Section 1991 Annual Conference, AWWA, Atlantic City, New Jersey |
| 1994 | Conservation Impact on Water Rates | New England NAWC and New England AWWA, Sturbridge, Massachusetts |
| 1996 | Utility Regulation - 21st Century | NAWC Annual Meeting, Orlando, Florida |
| 1997 | Current Status Drinking Water State Revolving | NAWC Annual Meeting, San Diego, California |
| 1998 | Fund Small Water Companies - Problems and | NAWC Annual Meeting, Indianapolis, Indiana |
| 1998 | Solutions Basic Rate Regulation Seminar | New England Chapter - NAWC, Rockport, Maine |
| 2000 | Developer Related Water and Sewer Utilities | Florida State University, Orlando, Florida |
| 2001 | Seminar Developer Related Water and Sewer Utilities | Florida State University, Orlando, Florida |
| 2002 | Seminar Regulatory Cooperation - Small Company | New England Chapter - NAWC, Annual Meeting |
| 2003 | Education Developer Related Water and Sewer Utilities | University of Florida, Orlando, Florida |
| 2004 | Seminar Basic Regulation & Rate Setting Training | Office of Regulatory Staff, Columbia, South Carolina |
| 2005 | Seminar Municipal Water Rates | Nassau-Suffolk Water Commissioners Association, Franklin Square, New York |
| 2005 | Innovations in Rate Setting and Procedures | NAWC New York Chapter, West Point, New York |

Papers and Presentations
By
John F. Guastella

| Year | Title | Forum |
|-------------|--|--|
| 2006 | Basics of Rate Setting | The Connecticut Water Company, Clinton, Connecticut |
| 2006 | Innovations in Rate Setting and Procedures | NAWC New York Chapter, Catskill, New York |
| 2006 | Best Practices as Regulatory Policy | NAWC New England Chapter, Ogunquit, Maine |
| 2006 | Rate and Valuation Seminar | NAWC New York Chapter |
| 2006 | Full Cost Pricing | U.S. Environmental Protection Agency Expert Workshop, Lansing, Michigan |
| 2006 | Innovations in Rate Setting | NAWC New England Chapter, Portsmouth, New Hampshire |
| 2007 | Weather Sensitive Customer Demands | NAWC Water Utility Executive Council, Half Moon Bay, California |
| 2007 | Basics of Rate Setting and Valuation Seminar | NAWC New England Chapter, Ogunquit, Maine |
| 2007 | Small Company Characteristics | National Drinking Water Symposium, La Jolla, California |
| 2013 | Rate and Valuation Seminar | NAWC New York Chapter |
| 2015 | Rate and Valuation Seminar | NAWC New England Chapter |

| | | | PROPOSED RATES | |
|-----|---------|--|----------------|----------|
| NO. | Account | Extended Description | Rate | Life |
| 1 | 304100 | Structures & improvements Supply | 3.33% | 30 |
| 2 | 304200 | Structures & improvements Pumping | 6.67% | 15 |
| 3 | 304500 | Structures & improvements General | 3.33% | 30 |
| 4 | 340500 | Other Office Equipment | 6.67% | 15 |
| 5 | 304600 | Structures & improvements Offices | 3.33% | 30 |
| 6 | 304620 | Structures & improvements Leasehold | 3.33% | 30 |
| 7 | 304800 | Structures & improvements Miscellaneous | 3.33% | 30 |
| 8 | 311200 | Pumping Equipment Electrical | 12.50% | 8 |
| 9 | 339600 | Other Property and Equipment | 10.00% | 10 |
| 10 | 340100 | Office Furniture & Equipment | 10.00% | 10 |
| 11 | 340200 | Computer & Peripheral Equipment | 20.00% | 5 |
| 12 | 340300 | Computer Software | 20.00% | 5 |
| 13 | 340330 | Computer Software Other | 20.00% | 5 |
| 14 | 341200 | Transportation Equipment Heavy Duty Trucks | 20.00% | 5 |
| 15 | 341400 | Transportation Equipment Other | 20.00% | 5 |
| 16 | 343000 | Shop and Garage Tools | 5.00% | 20 |
| 17 | 344000 | Laboratory Equipment | 10.00% | 10 |
| 18 | 346100 | Communication Equipment Non-Telephone | 10.00% | 10 |
| 19 | 346190 | Communication Equipment Non-Telephone | 10.00% | 10 |
| 20 | 346200 | Communication Equipment Telephone | 10.00% | 10 |
| 21 | 346300 | Communication Equipment Other | 0.00% | 10 |
| 22 | 347000 | Miscellaneous Equipment | 10.00% | 10 |
| 23 | 351000 | Wastewater Organization | 0.00% | infinite |
| 24 | 352000 | Wastewater Franchises | 0.00% | infinite |
| 25 | 353200 | Wastewater Land and Land Rights Collection | 0.00% | infinite |
| 26 | 353500 | Wastewater Land and Land Rights General | 0.00% | infinite |
| 27 | 354200 | WW Structures & Improvements Collection | 3.33% | 30 |
| 28 | 354300 | WW Structures & Improvements Pumping | 3.33% | 30 |
| 29 | 354400 | WW Structures & Improvements Treatment | 3.33% | 30 |
| 30 | 354500 | WW Structures & Improvements General | 3.33% | 30 |
| 31 | 355200 | WW Power Generation Equipment Collections | 3.33% | 30 |
| 32 | 355300 | WW Power Generation Equipment Pumping | 5.00% | 20 |
| 33 | 355400 | WW Power Generation Equipment Treatment | 5.00% | 20 |
| 34 | 355500 | WW Power Generation Equipment Reclaimed Water Treatment | 5.00% | 20 |
| 35 | 360000 | WW Collection Sewers Forced | 2.00% | 50 |
| 36 | 361100 | WW Collecting Mains | 2.50% | 40 |
| 37 | 362000 | WW Special Collection Structures | 2.00% | 50 |
| 38 | 363000 | WW Services Sewer | 2.00% | 50 |
| 39 | 364000 | WW Flow Measuring Devices | 10.00% | 10 |
| 40 | 370000 | WW Receiving Wells | 3.33% | 30 |
| 41 | 371100 | WW Pumping Equipment Electrical | 12.50% | 8 |
| 42 | 371200 | WW Pumping Equipment Other Power | 12.50% | 8 |
| 43 | 380000 | WW Treatment and Disposal Equipment | 6.67% | 15 |
| 44 | 380050 | WW Treatment and Disposal Equipment Grit Removal | 6.67% | 15 |
| 45 | 380100 | WW Treatment and Disposal Equipment Sedimentation Tanks | 6.67% | 15 |
| 46 | 380200 | WW Treatment and Disposal Equipment Sludge/Effluent Removal | 6.67% | 15 |
| 47 | 380250 | WW Treatment and Disposal Equipment Sludge Digestion Tank | 6.67% | 15 |
| 48 | 380300 | WW Treatment and Disposal Equipment Sludge Drying/Filtration | 6.67% | 15 |
| 49 | 380350 | WW Treatment and Disposal Equipment Secondary Treatment Filtration | 6.67% | 15 |
| 50 | 380400 | WW Treatment and Disposal Equipment Auxiliary Effluent Treatment | 6.67% | 15 |
| 51 | 380500 | WW Treatment and Disposal Equipment Chemical Treatment Plant | 6.67% | 15 |
| 52 | 380600 | WW Treatment and Disposal Equipment Other Disposal | 6.67% | 15 |
| 53 | 380625 | WW Treatment and Disposal Equipment General Treatment | 6.67% | 15 |
| 54 | 380650 | WW Treatment and Disposal Equipment Influent Lift Station | 6.67% | 15 |
| 55 | 381000 | WW Plant Sewers | 5.00% | 20 |
| 56 | 382000 | WW Outfall Sewer Lines | 3.33% | 30 |
| 57 | 389100 | WW Other Plant & Miscellaneous Equipment Intangible | 6.67% | 15 |
| 58 | 389600 | WW Other P/E - CPS - Business Unit 7E | 6.67% | 15 |
| 59 | 390000 | WW Office Furniture & Equipment | 6.67% | 15 |
| 60 | 390200 | WW Computers & Peripheral | 20.00% | 5 |
| 61 | 390300 | WW Computer Software | 20.00% | 5 |
| 62 | 391000 | WW Trans Equipment | 20.00% | 5 |
| 63 | 392000 | WW Stores Equipment | 4.00% | 25 |
| 64 | 393000 | WW Tool Shop & Garage Equipment | 5.00% | 20 |
| 65 | 394000 | WW Laboratory Equipment | 10.00% | 10 |
| 66 | 395000 | WW Power Operated Equipment | 5.00% | 20 |
| 67 | 396000 | WW Communication Equipment | 10.00% | 10 |
| 68 | 397000 | WW Miscellaneous Equipment | 10.00% | 10 |
| 69 | 398000 | WW Other Tangible Plant | 10.00% | 10 |

Note: WW= Wastewater

CASE NO. 2018-00208
WATER SERVICE CORPORATION OF KENTUCKY
RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

14. In preparing Water Service Kentucky's depreciation analysis, did Mr. Guastella review any recent Commission decisions regarding the issue of depreciation rates for small water utilities?

a. If the response to Item 7. above is yes, identify the decisions Mr. Guastella reviewed and explain how the review of those prior decisions impacted Water Service Kentucky's analysis.

b. If the response to Item 7. above is no, explain why Mr. Guastella does not believe the Commission's opinions on the depreciation practices of small water utilities relevant.

Response:

Mr. Guastella is familiar with the NARUC Study of Depreciation Practices for Small Utilities, which is one of the sources of comparable data he included in his depreciation study. The NARUC study for small utilities recognizes that depreciation rates are calculated taking into account average service lives and net salvage values that reflect cost of removal. It also recognizes that, where sufficient retirement data are not available to develop individual survivor curves, the utility can base depreciation rates on engineering judgment, by using the forecast or life span being used by other utilities, and other methods. Mr. Guastella's study is completely consistent with the principles in the NARUC study.

Witness: John Guastella

CASE NO. 2018-00208
WATER SERVICE CORPORATION OF KENTUCKY
RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

15. Provide the information requested below for all mains that Water Service Kentucky has retired in the last ten years.

a. The date the main was placed into service and the original cost that was recorded in Utility Plant In Service.

b. The date the main was retired.

c. Whether the main was removed from the ground and the cost that Water Service Kentucky incurred to remove the main

Response:

Please see the attached file "Response to PSC DR 3-15 (Retirements 2008-2017)"

- a. The date that the main was placed in service is the same as the date located in column F.
The estimated original cost is equal to the retirement amount in column D.
- b. The date the main was retired is located in column E.
- c. Cost of removal information was not available for any of the replacements reviewed.

Witness: Rob Guttormsen

Response to PSC DR 3-15

(Retirements 2008-2017)

Response to PSC DR 3-15
Main Retirement Information

| Co | Business Unit | Obj Acct | Retirement Amount | Retirement Date | Estimated PIS Year | Cost of Removal | Region | Explanation Alpha Name | Explanation -Remark- | Asset ID | Document Number | Batch Number | Do Ty | LT |
|-----|---------------|----------|-------------------|-----------------|--------------------|-----------------|---------|-------------------------------|-----------------------------|----------|-----------------|--------------|-------|----|
| 345 | 345 | 1125 | (1,985) | 10/31/2012 | Not Available | Not Available | Midwest | OCT 12 RETIREMENT - CP CLOSE | RETIREMENT-CP CLOSE 2012038 | 108616 | 291822 | 141543 JE | AA | |
| 345 | 345 | 1125 | (738) | 6/30/2013 | 1940 | Not Available | Midwest | RETIREMENT | Retired: 1940 PO 00134910 | 108616 | 294670 | 158757 AX | AA | |
| 345 | 345 | 1125 | (107) | 4/30/2014 | 1936 | Not Available | Midwest | RETIREMENT | Retired: 1936 PO 00157697 | 108616 | 297958 | 180541 AX | AA | |
| 345 | 345 | 1125 | (719) | 4/30/2014 | 1950 | Not Available | Midwest | RETIREMENT | Retired: 1950 PO 00158251 | 108616 | 297958 | 180541 AX | AA | |
| 345 | 345 | 1125 | (13) | 4/30/2014 | 1935 | Not Available | Midwest | APR 14 RETIREMENTS - CP CLOSE | ASSET RETIREMENT - 2014003 | 108616 | 297955 | 180538 JE | AA | |
| 345 | 345 | 1125 | (16) | 4/30/2014 | 1935 | Not Available | Midwest | APR 14 RETIREMENTS - CP CLOSE | ASSET RETIREMENT - 2014004 | 108616 | 297955 | 180538 JE | AA | |
| 345 | 345 | 1125 | (531) | 2/28/2017 | 1959 | Not Available | Midwest | RETIREMENT | Retired: 1959 PO 00238845 | 108616 | 356482 | 262827 AX | AA | |
| 345 | 345 | 1125 | (251) | 11/30/2017 | 1930 | Not Available | Midwest | RETIREMENT | Retired: 1930 PO 00255695 | 108616 | 359409 | 288421 AX | AA | |
| 345 | 345 | 1125 | (593) | 11/30/2017 | 1920 | Not Available | Midwest | RETIREMENT | Retired: 1920 PO 00255696 | 108616 | 359409 | 288421 AX | AA | |
| 345 | 345 | 1125 | (453) | 11/30/2017 | 1940 | Not Available | Midwest | RETIREMENT | Retired: 1940 PO 00255697 | 108616 | 359409 | 288421 AX | AA | |

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RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

16. Refer to the Application, Exhibit 5, the Direct Testimony of Constance E. Heppenstall, page 11, lines 7- 17.
- a. The testimony states that the service charges as calculated by the cost-of-service study would only recover approximately 27 percent of the proposed revenue from its fixed costs. At present, Water Service Kentucky is recovering 35 percent of its revenue from its service charges. If the cost-of-service study calculates a service charge of \$9.53 to recover its fixed costs, provide support for increasing Water Service Kentucky's service charges to \$12.50 in order to recover 35 percent of its overall revenue.
- b. Provide the volumetric rates for Tier 1 and Tier 2 if the Commission were to disallow any increase in Water Service Kentucky's current service charges. Provide all calculations that were used in arriving at these volumetric rates.

Response:

- a. As stated on page 11 of Ms. Heppenstall's direct testimony, lowering the percentage of revenue that the Company receives from fixed charges puts the Company at risk of not recovering its revenue requirement. In addition, the cost of service study's customer costs calculation of \$9.53 only recovers costs directly related to meters, services, customer billing and unrecovered public fire. The calculation does not include additional Company costs which are fixed costs. The Company has many fixed costs, including distribution mains (which are not

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RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

strictly customer costs) by which each customer is served and should be considered in calculating the customer charge.

- b. If the Commission were to disallow an increase to the Company's customer charge, the tier 1 rate would be \$6.40 per 1000 gallons or a 57.7% increase over present rates. The tier 2 rate would be \$4.20 per 1000 gallons or a 34.1% increase over present rates. See attached proof of revenue.

Witness: Constance Heppenstall

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WATER SERVICE CORPORATION OF KENTUCKY
RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

Proof of Revenue

WATER SERVICE CORPORATION OF KENTUCKY
CASE NO. 2018-00208
ALL CLASSES

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|---------------|-----------|-------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|---------------------|
| MIDDLESBORO | | | | | | | | | | | |
| 1" | 1,090 | \$ 17.50 | \$ 19,081 | 13,485,362 | \$ 6.40 | \$ 86,306 | 187,673 | \$ 4.20 | \$ 788 | \$ - | \$ 106,175 |
| 1.5" | 325 | \$ 30.00 | \$ 9,755 | 8,484,625 | \$ 6.40 | \$ 54,302 | 2,720,131 | \$ 4.20 | \$ 11,425 | \$ - | \$ 75,481 |
| 2" | 592 | \$ 45.00 | \$ 26,621 | 19,467,671 | \$ 6.40 | \$ 124,593 | 32,132,004 | \$ 4.20 | \$ 134,954 | \$ - | \$ 286,168 |
| 3" | 96 | \$ 85.00 | \$ 8,160 | 4,991,447 | \$ 6.40 | \$ 31,945 | 16,306,039 | \$ 4.20 | \$ 68,485 | \$ - | \$ 108,591 |
| 3/4" | 13 | \$ 10.00 | \$ 130 | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ 130 |
| 4" | 36 | \$ 130.00 | \$ 4,680 | 2,609,547 | \$ 6.40 | \$ 16,701 | 970,006 | \$ 4.20 | \$ 4,074 | \$ - | \$ 25,455 |
| 5/8" | 64,033 | \$ 10.00 | \$ 640,333 | 236,083,753 | \$ 6.40 | \$ 1,510,936 | 630,415 | \$ 4.20 | \$ 2,648 | \$ - | \$ 2,153,916 |
| 6" | 41 | \$ 225.00 | \$ 9,180 | 3,206,999 | \$ 6.40 | \$ 20,525 | 39,145,308 | \$ 4.20 | \$ 164,410 | \$ - | \$ 194,115 |
| Municipally owned hydrants | 3,300 | \$ 8.10 | \$ 26,730 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 26,730 |
| Private Hydrants | 232 | \$ 36.50 | \$ 8,481 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 8,481 |
| Ambleside Surcharge | 2,652 | \$ 3.63 | \$ 9,627 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 9,627 |
| Sprinkler Systems | 358 | \$ 36.50 | \$ 13,067 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 13,067 |
| Total | 72,769 | | \$ 775,844 | 288,329,404 | | \$ 1,845,308 | 92,091,577 | | \$ 386,785 | \$ - | \$ 3,007,937 |

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|--------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|-------------------|
| CLINTON | | | | | | | | | | | |
| 1" | 159 | \$ 17.50 | \$ 2,791 | 1,904,413 | \$ 6.40 | \$ 12,188 | 17,900 | \$ 4.20 | \$ 75 | \$ - | \$ 15,054 |
| 1.5" | 60 | \$ 30.00 | \$ 1,800 | 3,336,000 | \$ 6.40 | \$ 21,350 | 518,600 | \$ 4.20 | \$ 2,178 | \$ - | \$ 25,329 |
| 2" | 60 | \$ 45.00 | \$ 2,700 | 2,348,700 | \$ 6.40 | \$ 15,032 | 146,700 | \$ 4.20 | \$ 616 | \$ - | \$ 18,348 |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | 6,170 | \$ 10.00 | \$ 61,697 | 19,154,716 | \$ 6.40 | \$ 122,590 | - | \$ 4.20 | \$ - | \$ - | \$ 184,287 |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | 315 | \$ 10.00 | \$ 3,151 | 869,106 | \$ 6.40 | \$ 5,562 | - | \$ 4.20 | \$ - | \$ - | \$ 8,714 |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | 648 | \$ 8.10 | \$ 5,249 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 5,249 |
| Private Hydrants | 32 | \$ 36.50 | \$ 1,157 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 1,157 |
| Sprinkler Systems | 80 | \$ 36.50 | \$ 2,909 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 2,909 |
| Total | 7,524 | | \$ 81,454 | 27,612,935 | | \$ 176,723 | 683,200 | | \$ 2,869 | \$ - | \$ 261,046 |

| | | | | | | | | | | | |
|-------------------|---------------|--|-------------------|--------------------|--|---------------------|-------------------|--|-------------------|-------------|---------------------|
| WSKY Total | 80,292 | | \$ 857,298 | 315,942,338 | | \$ 2,022,031 | 92,774,777 | | \$ 389,654 | \$ - | \$ 3,268,983 |
|-------------------|---------------|--|-------------------|--------------------|--|---------------------|-------------------|--|-------------------|-------------|---------------------|

WATER SERVICE CORPORATION OF KENTUCKY
CASE NO. 2018-00208
RESIDENTIAL CLASS

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|----------------------------|---------------|-----------|-------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|---------------------|
| MIDDLEBORO | | | | | | | | | | | |
| 1" | 263 | \$ 17.50 | \$ 4,598 | 1,653,001 | \$ 6.40 | \$ 10,579 | - | \$ 4.20 | \$ - | \$ - | \$ 15,177 |
| 1.5" | 3 | \$ 30.00 | \$ 90 | 5,298 | \$ 6.40 | \$ 34 | - | \$ 4.20 | \$ - | \$ - | \$ 124 |
| 2" | 4 | \$ 45.00 | \$ 180 | 62,900 | \$ 6.40 | \$ 403 | - | \$ 4.20 | \$ - | \$ - | \$ 583 |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | 0 | \$ 10.00 | \$ 0 | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ 0 |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | 57,821 | \$ 10.00 | \$ 578,207 | 210,870,254 | \$ 6.40 | \$ 1,349,570 | 308,944 | \$ 4.20 | \$ 1,298 | \$ - | \$ 1,929,074 |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | 58,090 | | \$ 583,075 | 212,591,454 | | \$ 1,360,585 | 308,944 | | \$ 1,298 | \$ - | \$ 1,944,958 |

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|----------------------------|--------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|-------------------|
| CLINTON | | | | | | | | | | | |
| 1" | - | \$ 17.50 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 1.5" | - | \$ 30.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 2" | - | \$ 45.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | 5,406 | \$ 10.00 | \$ 54,062 | 16,593,916 | \$ 6.40 | \$ 106,201 | - | \$ 4.20 | \$ - | \$ - | \$ 160,263 |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | 231 | \$ 10.00 | \$ 2,306 | 716,506 | \$ 6.40 | \$ 4,586 | - | \$ 4.20 | \$ - | \$ - | \$ 6,892 |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | 5,637 | | \$ 56,368 | 17,310,422 | | \$ 110,787 | - | | \$ - | \$ - | \$ 167,155 |

| | | | | | | | | | | | |
|-------------------|---------------|--|-------------------|--------------------|--|---------------------|----------------|--|-----------------|-------------|---------------------|
| WSKY Total | 63,727 | | \$ 639,443 | 229,901,876 | | \$ 1,471,372 | 308,944 | | \$ 1,298 | \$ - | \$ 2,112,113 |
|-------------------|---------------|--|-------------------|--------------------|--|---------------------|----------------|--|-----------------|-------------|---------------------|

WATER SERVICE CORPORATION OF KENTUCKY
CASE NO. 2018-00208
COMMERCIAL CLASS

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|----------------------------|--------------|-----------|-------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|-------------------|
| MIDDLEBORO | | | | | | | | | | | |
| 1" | 775 | \$ 17.50 | \$ 13,556 | 11,266,156 | \$ 6.40 | \$ 72,103 | 187,673 | \$ 4.20 | \$ 788 | \$ - | \$ 86,447 |
| 1.5" | 250 | \$ 30.00 | \$ 7,505 | 6,660,414 | \$ 6.40 | \$ 42,627 | 270,731 | \$ 4.20 | \$ 1,137 | \$ - | \$ 51,269 |
| 2" | 349 | \$ 45.00 | \$ 15,696 | 13,060,012 | \$ 6.40 | \$ 83,584 | 12,527,644 | \$ 4.20 | \$ 52,616 | \$ - | \$ 151,896 |
| 3" | 36 | \$ 85.00 | \$ 3,060 | 2,388,862 | \$ 6.40 | \$ 15,289 | 1,190,038 | \$ 4.20 | \$ 4,998 | \$ - | \$ 23,347 |
| 3/4" | 13 | \$ 10.00 | \$ 130 | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ 130 |
| 4" | 12 | \$ 130.00 | \$ 1,560 | 1,200,000 | \$ 6.40 | \$ 7,680 | 757,003 | \$ 4.20 | \$ 3,179 | \$ - | \$ 12,419 |
| 5/8" | 5,988 | \$ 10.00 | \$ 59,881 | 23,414,475 | \$ 6.40 | \$ 149,853 | 191,669 | \$ 4.20 | \$ 805 | \$ - | \$ 210,539 |
| 6" | 27 | \$ 225.00 | \$ 6,120 | 2,006,999 | \$ 6.40 | \$ 12,845 | 4,047,705 | \$ 4.20 | \$ 17,000 | \$ - | \$ 35,965 |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | 7,450 | | \$ 107,508 | 59,996,917 | | \$ 383,980 | 19,172,464 | | \$ 80,524 | \$ - | \$ 575,013 |

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|----------------------------|------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|------------------|
| CLINTON | | | | | | | | | | | |
| 1" | 112 | \$ 17.50 | \$ 1,957 | 1,693,813 | \$ 6.40 | \$ 10,840 | 17,900 | \$ 4.20 | \$ 75 | \$ - | \$ 12,872 |
| 1.5" | 24 | \$ 30.00 | \$ 720 | 952,200 | \$ 6.40 | \$ 6,094 | 86,400 | \$ 4.20 | \$ 363 | \$ - | \$ 7,177 |
| 2" | 24 | \$ 45.00 | \$ 1,080 | 1,345,200 | \$ 6.40 | \$ 8,609 | 55,300 | \$ 4.20 | \$ 232 | \$ - | \$ 9,922 |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | 655 | \$ 10.00 | \$ 6,552 | 1,592,200 | \$ 6.40 | \$ 10,190 | - | \$ 4.20 | \$ - | \$ - | \$ 16,742 |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | 61 | \$ 10.00 | \$ 605 | 104,300 | \$ 6.40 | \$ 668 | - | \$ 4.20 | \$ - | \$ - | \$ 1,273 |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | 875 | | \$ 10,914 | 5,687,713 | | \$ 36,401 | 159,600 | | \$ 670 | \$ - | \$ 47,985 |

| | | | | | | | | | | | |
|--------------------|--------------|--|-------------------|-------------------|--|-------------------|-------------------|--|------------------|-------------|-------------------|
| WSCKY Total | 8,325 | | \$ 118,421 | 65,684,630 | | \$ 420,382 | 19,332,064 | | \$ 81,195 | \$ - | \$ 619,998 |
|--------------------|--------------|--|-------------------|-------------------|--|-------------------|-------------------|--|------------------|-------------|-------------------|

WATER SERVICE CORPORATION OF KENTUCKY
CASE NO. 2018-00208
INDUSTRIAL CLASS

| # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|----------------------------|-----------|-----------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|-------------------|
| MIDDLESBORO | | | | | | | | | | |
| 1" | \$ 17.50 | \$ 210 | 129,004 | \$ 6.40 | \$ 826 | - | \$ 4.20 | \$ - | \$ - | \$ 1,036 |
| 1.5" | \$ 30.00 | \$ 360 | 585,002 | \$ 6.40 | \$ 3,744 | 59,001 | \$ 4.20 | \$ 248 | \$ - | \$ 4,352 |
| 2" | \$ 45.00 | \$ 2,160 | 739,507 | \$ 6.40 | \$ 4,733 | - | \$ 4.20 | \$ - | \$ - | \$ 6,893 |
| 3" | \$ 85.00 | \$ 1,020 | 1,200,000 | \$ 6.40 | \$ 7,680 | 8,918,704 | \$ 4.20 | \$ 37,459 | \$ - | \$ 46,159 |
| 3/4" | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 4" | \$ 130.00 | \$ 1,560 | 1,164,000 | \$ 6.40 | \$ 7,450 | 213,004 | \$ 4.20 | \$ 895 | \$ - | \$ 9,904 |
| 5/8" | \$ 10.00 | \$ 538 | 259,234 | \$ 6.40 | \$ 1,659 | - | \$ 4.20 | \$ - | \$ - | \$ 2,197 |
| 6" | \$ 225.00 | \$ 3,060 | 1,200,000 | \$ 6.40 | \$ 7,680 | 35,097,603 | \$ 4.20 | \$ 147,410 | \$ - | \$ 158,150 |
| Municipally owned hydrants | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | | \$ 8,908 | 5,276,747 | | \$ 33,771 | 44,288,312 | | \$ 186,011 | \$ - | \$ 228,690 |

| # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|----------------------------|-----------|--------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|---------------|
| CLINTON | | | | | | | | | | |
| 1" | \$ 17.50 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 1.5" | \$ 30.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 2" | \$ 45.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3" | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 4" | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 6" | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | | \$ - | - | | \$ - | - | | \$ - | \$ - | \$ - |

| | | | | | | | | | | |
|--------------------|------------|-----------------|------------------|--|------------------|-------------------|--|-------------------|-------------|-------------------|
| WSCKY Total | 163 | \$ 8,908 | 5,276,747 | | \$ 33,771 | 44,288,312 | | \$ 186,011 | \$ - | \$ 228,690 |
|--------------------|------------|-----------------|------------------|--|------------------|-------------------|--|-------------------|-------------|-------------------|

WATER SERVICE CORPORATION OF KENTUCKY
CASE NO. 2018-00208
PUBLIC CLASS

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|-------------------|
| MIDDLESBORO | | | | | | | | | | | |
| 1" | 41 | \$ 17.50 | \$ 718 | 437,201 | \$ 6.40 | \$ 2,798 | - | 4.20 | \$ - | \$ - | \$ 3,516 |
| 1.5" | 60 | \$ 30.00 | \$ 1,800 | 1,233,911 | \$ 6.40 | \$ 7,897 | 2,390,399 | 4.20 | \$ 10,040 | \$ - | \$ 19,737 |
| 2" | 191 | \$ 45.00 | \$ 8,585 | 5,605,251 | \$ 6.40 | \$ 35,874 | 19,604,360 | 4.20 | \$ 82,338 | \$ - | \$ 126,796 |
| 3" | 48 | \$ 85.00 | \$ 4,080 | 1,402,585 | \$ 6.40 | \$ 8,977 | 6,197,297 | 4.20 | \$ 26,029 | \$ - | \$ 39,085 |
| 3/4" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | 4.20 | \$ - | \$ - | \$ - |
| 4" | 12 | \$ 130.00 | \$ 1,560 | 245,547 | \$ 6.40 | \$ 1,572 | - | 4.20 | \$ - | \$ - | \$ 3,132 |
| 5/8" | 171 | \$ 10.00 | \$ 1,707 | 1,539,791 | \$ 6.40 | \$ 9,855 | 129,802 | 4.20 | \$ 545 | \$ - | \$ 12,106 |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | - | \$ - | \$ - | \$ - |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | - | \$ - | \$ - | \$ - |
| Total | 522 | | \$ 18,449 | 10,464,285 | | \$ 66,971 | 28,321,858 | | \$ 118,952 | \$ - | \$ 204,372 |

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|-------------------|
| CLINTON | | | | | | | | | | | |
| 1" | 48 | \$ 17.50 | \$ 834 | 210,600 | \$ 6.40 | \$ 1,348 | - | 4.20 | \$ - | \$ - | \$ 2,182 |
| 1.5" | 36 | \$ 30.00 | \$ 1,080 | 2,383,800 | \$ 6.40 | \$ 15,256 | 432,200 | 4.20 | \$ 1,815 | \$ - | \$ 18,152 |
| 2" | 36 | \$ 45.00 | \$ 1,620 | 1,003,500 | \$ 6.40 | \$ 6,422 | 91,400 | 4.20 | \$ 384 | \$ - | \$ 8,426 |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | 4.20 | \$ - | \$ - | \$ - |
| 3/4" | 108 | \$ 10.00 | \$ 1,083 | 968,600 | \$ 6.40 | \$ 6,199 | - | 4.20 | \$ - | \$ - | \$ 7,282 |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | 4.20 | \$ - | \$ - | \$ - |
| 5/8" | 24 | \$ 10.00 | \$ 240 | 48,300 | \$ 6.40 | \$ 309 | - | 4.20 | \$ - | \$ - | \$ 549 |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | - | \$ - | \$ - | \$ - |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | - | \$ - | \$ - | \$ - |
| Total | 252 | | \$ 4,857 | 4,614,800 | | \$ 29,535 | 523,600 | | \$ 2,199 | \$ - | \$ 36,591 |
| WSCKY Total | 774 | | \$ 23,306 | 15,079,085 | | \$ 96,506 | 28,845,458 | | \$ 121,151 | \$ - | \$ 240,963 |

WATER SERVICE CORPORATION OF KENTUCKY
CASE NO. 2018-00208
PRIVATE FIRE

| | # of Bills | Rate | Fiat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|--------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|------------------|
| MIDDLESBORO | | | | | | | | | | | |
| 1" | - | \$ 17.50 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 1.5" | - | \$ 30.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 2" | - | \$ 45.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | 232 | \$ 36.50 | \$ 8,481 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 8,481 |
| Ambleside Surcharge | 2,652 | \$ 3.63 | \$ 9,627 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 9,627 |
| Sprinkler Systems | 358 | \$ 36.50 | \$ 13,067 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 13,067 |
| Total | 3,242 | | \$ 31,175 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 31,175 |

| | # of Bills | Rate | Fiat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|--------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|------------------|
| CLINTON | | | | | | | | | | | |
| 1" | - | \$ 17.50 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 1.5" | - | \$ 30.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 2" | - | \$ 45.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | - | \$ 8.10 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Private Hydrants | 32 | \$ 36.50 | \$ 1,157 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 1,157 |
| Sprinkler Systems | 80 | \$ 36.50 | \$ 2,909 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 2,909 |
| Total | 111 | | \$ 4,066 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 4,066 |
| WSCKY Total | 3,354 | | \$ 35,241 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 35,241 |

WATER SERVICE CORPORATION OF KENTUCKY
CASE NO. 2018-00208
PUBLIC FIRE

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|--------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|------------------|
| MIDDLESBORO | | | | | | | | | | | |
| 1" | - | \$ 17.50 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 1.5" | - | \$ 30.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 2" | - | \$ 45.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | 3,300 | \$ 8.10 | \$ 26,730 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 26,730 |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | 3,300 | | \$ 26,730 | | | \$ - | | | \$ - | \$ - | \$ 26,730 |

| | # of Bills | Rate | Flat Revenue | Tier 1 Gallons Consumed (000's) | Tier 1 Rate | Volumetric Tier 1 Revenue | Tier 2 Gallons Consumed (000's) | Tier 2 Rate | Volumetric Tier 2 Revenue | Billing Adjustments | Total Revenue |
|-----------------------------------|--------------|-----------|------------------|---------------------------------|-------------|---------------------------|---------------------------------|-------------|---------------------------|---------------------|------------------|
| CLINTON | | | | | | | | | | | |
| 1" | - | \$ 17.50 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 1.5" | - | \$ 30.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 2" | - | \$ 45.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3" | - | \$ 85.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 3/4" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 4" | - | \$ 130.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 5/8" | - | \$ 10.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| 6" | - | \$ 225.00 | \$ - | - | \$ 6.40 | \$ - | - | \$ 4.20 | \$ - | \$ - | \$ - |
| Municipally owned hydrants | 648 | \$ 8.10 | \$ 5,249 | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ 5,249 |
| Private Hydrants | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Sprinkler Systems | - | \$ 36.50 | \$ - | - | \$ - | \$ - | - | \$ - | \$ - | \$ - | \$ - |
| Total | 648 | | \$ 5,249 | | | \$ - | | | \$ - | \$ - | \$ 5,249 |
| WSCKY Total | 3,948 | | \$ 31,979 | | | \$ - | | | \$ - | \$ - | \$ 31,979 |

CASE NO. 2018-00208
WATER SERVICE CORPORATION OF KENTUCKY
RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

17. For each of Water Service Kentucky's service areas, provide the source of supply and rate at which water is purchased

Response:

Clinton – Groundwater (Memphis Aquifer) No charge. Middlesboro – Fern Lake (Fern Lake Company) First 41,667,000 \$10,267.00. Rate per thousand beyond this, \$0.26.

Witness: Mike Miller

CASE NO. 2018-00208
WATER SERVICE CORPORATION OF KENTUCKY
RESPONSES TO COMMISSION STAFF'S THIRD INFORMATION REQUEST

18. Refer to the Application, Exhibit CEH-1, Schedule B, page 4. Provide support for any allocation of the costs associated with office furniture and equipment, computers, and communication equipment to anywhere other than Water Service Kentucky's fixed costs.

Response:

The costs associated with office furniture and equipment, computers, and communication equipment are fixed costs. The cost allocation presented in Exhibit CEH-1 is not intended to allocate costs based on whether costs are fixed or variable costs. The cost allocation methodology is based on the AWWA M1 Manual Principles of Water Rates, Fees and Charges, Seventh Edition (the Manual) which allocates costs by class based on their function. The Manual recommends allocating administrative costs such as office furniture and equipment using a composite factor which is based on the overall allocation of operation and maintenance costs (other than administrative and general costs) less power and chemicals. Power and Chemicals are typically large expenses that require little administrative and general costs. This method of allocation does not consider if a cost is fixed or variable. As stated in response to Staff Third Information Request data request 15, the customer cost calculation based on Manual does not include much of these other fixed costs which could be recovered in the customer charge.

Witness: Constance Heppenstall