

Yolanda Sandoval

From: William Peck
Sent: Tuesday, February 14, 2006 12:15 PM
To: kbid@courtland.net
Subject: Analysis of use and loss distribution
Attachments: cout wrk sht 05.XLS

Kenny,

The months of November and December have been added to the subject spreadsheet.

Bill

COURTLAND CANAL ABOVE LOVEWELL

2005

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|-----------|-----------------------|------------------------|--|-----------------------------------|---|---|---|-----------------------------------|--|-----------------------------------|--------------|------------------------------------|-------------|-----------------------------------|--|---------------|---------------|-------------------------------------|
| | Records | Records | District | (3 + 4) | (2 - 5) | District | Records | (7 + 8) | (3 - 9) | 6-(6x(3/5)) | (6-11)x(7/9) | (6-11-12) | (10 x 7/9) | (10 - 14) | (4 + 11) | (7 + 12 + 14) | (8 + 13 + 15) | (16+17+18) |
| Month | Court Canal 0.7 | Court Canal 15.1 | NEB Bost Use Main Canal 0.7 to 15.1 | Total out flow in NEB | Total Loss in NEB 0.7 to 15.1 | KAN Bost Use Main Canal 15.1 to 34.8 | DEL to Lovewell Court Canal 34.8 | Total out flow in KAN | Total Loss in KAN 15.1 to 34.8 | ALLOCATION OF LOSSES | | | | | TOTAL ALLOCATION ABOVE LOVEWELL | | | (= 2) C H E C K |
| | | | | | | | | | | LOSS IN NEBRASKA | | LOSS IN KANSAS | | Courtland Canal 0.7 to 15.1 | | | | |
| | | | | | | | | | | Courtland Canal 0.7 to 15.1 | | Courtland Canal 15.1 to 34.8 | | | | | | |
| | | | | | | | | | | NEB Bost | KAN Bost | USBR | KAN Bost | | USBR | NEB Bost | KAN Bost | |
| | | | | | | | | | | | | | | | | | | |
| January | 3685 | 2747 | 0 | 2747 | 938 | 0 | 1804 | 1804 | 943 | 0 | 0 | 938 | 0 | 943 | 0 | 0 | 3685 | 3685 |
| February | 5087 | 4265 | 0 | 4265 | 822 | 0 | 3430 | 3430 | 835 | 0 | 0 | 822 | 0 | 835 | 0 | 0 | 5087 | 5087 |
| March | 5911 | 4926 | 0 | 4926 | 985 | 0 | 3950 | 3950 | 976 | 0 | 0 | 985 | 0 | 976 | 0 | 0 | 5911 | 5911 |
| April | 7430 | 6557 | 0 | 6557 | 873 | 0 | 5677 | 5677 | 880 | 0 | 0 | 873 | 0 | 880 | 0 | 0 | 7430 | 7430 |
| May | 5479 | 4608 | 0 | 4608 | 871 | 0 | 3749 | 3749 | 859 | 0 | 0 | 871 | 0 | 859 | 0 | 0 | 5479 | 5479 |
| June | 6559 | 5764 | 0 | 5764 | 795 | 374 | 4164 | 4538 | 1226 | 0 | 66 | 729 | 101 | 1125 | 0 | 541 | 6018 | 6559 |
| July | 1221 | 893 | 0 | 893 | 328 | 125 | 0 | 125 | 768 | 0 | 328 | 0 | 768 | 0 | 0 | 1221 | 0 | 1221 |
| August | 2663 | 2118 | 0 | 2118 | 545 | 62 | 1562 | 1624 | 494 | 0 | 21 | 524 | 19 | 475 | 0 | 102 | 2561 | 2663 |
| September | 1941 | 1375 | 0 | 1375 | 566 | 0 | 913 | 913 | 462 | 0 | 0 | 566 | 0 | 462 | 0 | 0 | 1941 | 1941 |
| October | 2488 | 1843 | 0 | 1843 | 645 | 0 | 884 | 884 | 959 | 0 | 0 | 645 | 0 | 959 | 0 | 0 | 2488 | 2488 |
| November | 3017 | 2416 | 0 | 2416 | 601 | 0 | 1512 | 1512 | 904 | 0 | 0 | 601 | 0 | 904 | 0 | 0 | 3017 | 3017 |
| December | 3256 | 2574 | 0 | 2574 | 682 | 0 | 1620 | 1620 | 954 | 0 | 0 | 682 | 0 | 954 | 0 | 0 | 3256 | 3256 |
| | | | | | | | | | | | | | | | | | | |
| Total | 48737 | 40086 | 0 | 40086 | 8651 | 561 | 29265 | 29826 | 10260 | 0 | 415 | 8236 | 888 | 9372 | 0 | 1864 | 46873 | 48737 |

ANALYSIS OF USE AND LOSS DISTRIBUTION
KANSAS-BOSTWICK IRRIGATION DISTRICT NO. 1
Year 2005
A C R E - F E E T

| | | Jan. | Feb. | March | April | May | June | July | August | Sept. | Oct. | Nov. | Dec. | Total |
|---|------|------------|------|-------|-------|------|------|-------|--------|-------|------|------|------|-------|
| Passing Mile 15.1 | (1) | #REF! | 4265 | 4926 | 6557 | 4608 | 5764 | 893 | 2118 | 1375 | 1843 | 2416 | 2574 | #REF! |
| Transported to Lovewell | (2) | 1804 | 3430 | 3950 | 5677 | 3749 | 4164 | 0 | 1562 | 913 | 884 | 1512 | 1620 | 29265 |
| Kansas-Bostwick Use | (3) | 0 | 0 | 0 | 0 | 0 | 374 | 125 | 62 | 0 | 0 | 0 | 0 | 561 |
| Loss State Line to Lovewell (1)-(2)-(3) | (4) | 943 | 835 | 976 | 880 | 859 | 1226 | 768 | 494 | 462 | 959 | 904 | 954 | 10260 |
| Kansas-Bostwick Share of Loss - Kansas | (5) | 0 | 0 | 0 | 0 | 0 | 101 | 768 | 19 | 0 | 0 | 0 | 0 | 888 |
| Loss - 0.7 to State Line | (6) | 938 | 822 | 985 | 873 | 871 | 795 | 328 | 545 | 566 | 645 | 601 | 682 | 8651 |
| Kansas-Bostwick Share of Loss - Nebraska | (7) | 0 | 0 | 0 | 0 | 0 | 66 | 328 | 21 | 0 | 0 | 0 | 0 | 415 |
| Total Use above Lovewell Reservoir (3)+(5)+(7) | (8) | #REF! 0 | 0 | 0 | 0 | 0 | 541 | 1221 | 102 | 0 | 0 | 0 | 0 | 1864 |
| Released to Lower Courtland 38.0 | (9) | 0 | 0 | 0 | 0 | 0 | 4310 | 14572 | 7034 | 0 | 0 | 0 | 0 | 25916 |
| Total Use by Kansas-Bostwick | (10) | 0 | 0 | 0 | 0 | 0 | 4851 | 15793 | 7136 | 0 | 0 | 0 | | 27780 |