

Exhibit 3



23 Meters Sent
29 Meter Tested

Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts | |
|------------|----------------------------|-----------|---------------------|----------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|---------------------|--------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | | |
| 1 5/8" | Sensus | SRT | 471095543 | 04083080 TA | 100.5 | 100 | 98.5 | 100.3 | | | | | 4-5/8 Sensus 628 | |
| 2 | | | 471095540 | 0400A141 | 100.4 | 100 | 84.5 | 100.2 | | | | | SRT Pharma 3550 | |
| 3 | | | 471095634 | 03750047 | 100.4 | 100 | 95.2 | 100.2 | | | | | 2-5/8 Sensus 1543 | |
| 4 | | | 47715181 | | | | Stopped | FAIL | | | | | Plar ltr | |
| 5 | Meter Reading Before Test: | | 47581123 | | | | | | | | | | Waiting on register | 2-5/8 Sensus |
| 6 | Meter Reading After Test: | | 47109546 | | 03986832 | | | | 100 | 100 | 99.1 | 100 | SRT Pharma 8567 | |
| 7 | | | 52640736 | | | | 99.6 | | 100.1 | 100.2 | 99.6 | 100.2 | | |
| 8 | | | 46453427 | - | 99.9 | 100 | 99 | 100 | | | | | 7329 | |
| 9 | | | 57550291 | 13428060 | 99.2 | 98.5 | 99.2 | 98.8 | | | | | 4933 | |
| 10 | Comments: | | 471095631 | 04082740 | 100 | 99.1 | 100 | 99.6 | | | | | 93 | |
| 11 | | 71059879 | 71059879 | 66943832 | 99.9 | 100 | 100.3 | 100 | | | | | 1 | |
| 12 | | | 471095637 | 04070404 | 99.7 | 100 | 99.1 | 99.9 | | | | | 8610 | |
| 13 | | | 471095633 | 04071655 | 99.2 | 99 | 39 | FAIL | 99.9 | 100.1 | 99.5 | 100 | 9066 | |
| 14 | | | 107934590 | | | | | Stopped | FAIL | 100.1 | 100 | 98.9 | 100.1 | |
| 15 | | | | | | | | | | | | | | |

Customer Farmdale Milk Ditch
 Received By _____

Date Tested 5.12.11
 Tested By W0983 Mike R
 Date _____



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|-----------------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Sennius | SRTI | 416455827 | 1/4 | Stopped | | | FAZC → | 99.9 | 100.16 | 98.9 | 100.3 | 2 - Sennius 5/8 SRTI |
| 2 | | | 4769567 | | 100.1 | 100 | 96.9 | 100.1 | | | | | Plastic Chamber |
| 3 | | | 47581187 | 04012223 | 100.3 | 101 | 97.8 | 100.7 | | | | | 1 - Sennius 6298 SRTI |
| 4 | | | 47695577 | 04032314 | 100.1 | 101.1 | 98 | 100.6 | | | | | Plas. bottle 1622 |
| 5 | Meter Reading Before Test: | | 47695572 | 04059672 | 99.9 | 101 | 99 | 100.5 | | | | | 4398 |
| 6 | Meter Reading After Test: | | 47695627 | 04041569 | 100.4 | 100.9 | 100 | 100.7 | | | | | 6678 |
| 7 | | | 47695623 | 04065109 | 100.2 | 100 | 100.2 | 100.1 | | | | | 7943 |
| 8 | | | 47695626 | | 98.5 | 98.9 | 91 | 98.7 | | | | | |
| 9 | | | 47695619 | 04055097 | 100 | 100.6 | 99.9 | 100.3 | | | | | 1529 |
| 10 | Comments: | | 47695670 | 04033279 | 100.4 | 100 | 96.2 | 100.4 | | | | | 811 |
| 11 | | | 47581198 | 03980521 | 100.2 | 100.5 | 98.7 | 100.4 | | | | | 5652 |
| 12 | | | 52040730 | 07215177 | 0 | 0 | 0 | FAZC → | 99.9 | 99.7 | 98.8 | 99.8 | 1411 |
| 13 | | | 47695658 | 04050445 | 100.9 | 100.5 | 99.1 | 100.7 | | | | | 7689 |
| 14 | | | 48547318 | 04A20171 | 100 | 100.3 | 99 | 100.2 | | | | | 2415 |
| 15 | | | 47695657 | 04053173 | 100 | 100 | 96.2 | 100 | | | | | 7480 |

Customer Farmdale Nbs. Dist.
 Received By _____

Date Tested 5-10-11
 Tested By W0983 W/John Roll
 Date _____



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|--|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|----------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 4" | Sensus | SBH | 1158518 | N/A | LOW SIDE | 99.3 | 99 | 99.2 | | | | | 1-Certified In |
| 2 | | | | HIGH SIDE | 100.9 | 100.2 | 100 | 100.6 | | | | | Field Meter |
| 3 | | | | | | | | | | | | | Test |
| 4 | | | | | | | | | | | | | 1-4" Sensus |
| 5 | Meter Reading Before Test: | | 0000009.0 | | | | | | | | | | TR-PL Register |
| 6 | Meter Reading After Test: | | 0000089.0 | | | | | | | | | | gallons |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | Comments: Installed new touchpad register. Meter meets PSC | | | | | | | | | | | | |
| 11 | and ABMA requirements. | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | Stuart Horne |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Farmdale 21th Durb
 Received By _____

Date Tested 5.5.11
 Tested By W0983 T/M/R R/A
 Date _____



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|--|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|------------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 1/4" | Sensus | SBH | 1342119 | N/A | LOW SIDE | 100 | 99.3 | 99.7 | | | | | 1-Cordford In |
| 2 | | | | | 100.1 | 100.2 | 100 | 100.2 | | | | | Field Meter |
| 3 | | | | | | | | | | | | | Test |
| 4 | | | | | | | | | | | | | 1-4" Sensus |
| 5 | Meter Reading Before Test: | | | | | | | | | | | | TR-PL Touchhead |
| 6 | Meter Reading After Test: | | | | | | | | | | | | Registers yellow |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | Comments: Installed new touchhead registers. Meter meets PSC and | | | | | | | | | | | | |
| 11 | ANSI requirements. | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | Stuart Home |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Farmdale 2nd Dist
 Received By _____

Date Tested 5.5.11
 Tested By W0983 Mgr KAH
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

ID#

BEFORE REPAIR TEST RESULTS

AFTER REPAIR TEST RESULTS

Readers

| Meter Size | Meter MFG | MFG Model | Serial Number | Transponder | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | Test/Parts |
|------------|----------------------------|-----------|---------------|-------------|-----------|----------|----------|----------|-----------|----------|----------|----------|-------------------|
| 1 5/8 | Siemens | 5871 | 47581079 | 04026761 | 99.6 | 100 | 97.4 | 99.5 | | | | | 2- Reg. (1720) |
| 2 | | | 102619149 | 55317803 | Stopped | | | | 100 | 100.1 | 99.2 | 100 | 2- 3/8" SICK 2601 |
| 3 | | | 47581200 | 03898325 | 99 | 99.1 | 99 | 99.1 | | | | | Chamby 347 |
| 4 | | | 47581196 | 03668258 | 99.9 | 101 | 98.7 | 100.5 | | | | | 6857 |
| 5 | Meter Reading Before Test: | | 47581169 | 04015236 | 100.1 | 100 | 99 | 100.1 | | | | | 393 |
| 6 | Meter Reading After Test: | | 47581172 | 04006349 | 100 | 100.1 | 100 | 100.2 | | | | | 8294 |
| 7 | | | 48618361 | 52395124 | 100.2 | 98.7 | 10 | FAZL | 100.4 | 99.9 | 99.5 | 100.2 | 1 |
| 8 | | | 476581203 | 04029544 | 100.1 | 100.5 | 99.1 | 100.3 | | | | | 2869 |
| 9 | | | 47567045 | 03973463 | 99.8 | 100.9 | 98 | 100.4 | | | | | 8676 |
| 10 | Comments: | | 47695399 | 04068977 | 99.9 | 99.1 | 99.5 | 99.5 | | | | | 6740 |
| 11 | | | 47581159 | 03966680 | 100.2 | 101 | 100.1 | 100.6 | | | | | 6682 |
| 12 | | | 47581208 | 30302494 | 100 | 100.3 | 100 | 100.2 | | | | | 3812 |
| 13 | | | 47581158 | 03980520 | 99.7 | 98.7 | 98 | 99.2 | | | | | 4988 |
| 14 | | | 47567079 | 04150720 | 100.2 | 100 | 98.2 | 100.1 | | | | | 5068 |
| 15 | | | 47567047 | 57312991 | 100 | 99.6 | 105 | FAZL | 100.1 | 100.5 | 99.5 | 100.3 | 198 |

Customer Farmdale W. Dues
 Received By _____

Date Tested 3.2.11
 Tested By 410983 [Signature]
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts Reading |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|--------------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Serravallo | SRTI | 47695417 | 52395133 | 99.3 | 100 | 98.8 | 99.7 | | | | | 1-3/8" SRTI 1 |
| 2 | | SRTI | 47581106 | 04026805 | 99.9 | 100 | 99 | 100 | | | | | Chm 4622 |
| 3 | | SR | 48952725 | 03362467 | 99.2 | 99.9 | 98.10 | 99.6 | | | | | 1830 |
| 4 | | SRTI | 47695407 | 30302512 | 98.8 | 100.1 | 99.1 | 99.4 | | | | | 3680 |
| 5 | Meter Reading Before Test: | | 47531105 | 04012954 | 99.8 | 100.3 | 99.5 | 100.1 | | | | | 9858 |
| 6 | Meter Reading After Test: | | 47695415 | 03988890 | 99.8 | 100 | 98.5 | 99.9 | | | | | 7115 |
| 7 | | SRTI | 47868066 | 03968856 | 100.4 | 99.2 | 98.10 | 99.8 | | | | | 1 |
| 8 | | | 47581083 | 02881125 | 100 | 100.5 | 98.7 | 100.3 | | | | | 6144 |
| 9 | | | 48777514 | 04786991 | 100.1 | 101.4 | 93.2 | 100.4 | | | | | 9138 |
| 10 | Comments: | | 48618390 | 04425579 | 99.7 | 100.5 | 0 | 100.5 | 101 | 100 | 100.8 | | 1006 |
| 11 | | | 47581194 | 04012274 | 99 | 99.5 | 98.5 | 99.3 | | | | | 551 |
| 12 | | | 47581199 | 03958600 | 99.3 | 99.8 | 95 | 99.10 | | | | | 3698 |
| 13 | | | 51014027 | 06425286 | 100 | 100 | 95.5 | 100 | | | | | 508 |
| 14 | | | 47581079 | 04026761 | 99.6 | 100 | 99 | 99.8 | | | | | 7720 |
| 15 | | | 47567077 | 04006449 | 100.1 | 100.5 | 98 | 100.3 | | | | | 8636 |

Customer Ferrandale 2nd Dist.
 Received By _____

Date Tested 3.2.8.11
 Tested By W0983 Thom Hill
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

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| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts Readings |
|------------|----------------------------|-----------|---------------|---------------------------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|---------------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 | | | 47695451 | 04070407 04091211 | 99.2 | 99.9 | 99 | 99.10 | | | | | 6617 |
| 2 | | | 47567075 | 03976839 | 99.5 | 100 | 99.2 | 99.9 | | | | | 6214 |
| 3 | | | 47695453 | 04112174 | 101.1 | 101 | 97.2 | 101.1 | | | | | 7729 |
| 4 | | | 48048255 | 04028981 | 100 | 99 | 90.1 | 99.5 | | | | | 5551 |
| 5 | Meter Reading Before Test: | | 47567090 | 04019211 | 99.9 | 100.2 | 99 | 100.1 | | | | | 6835 |
| 6 | Meter Reading After Test: | | 47581160 | 04773856 | 100.4 | 100.5 | 95.1 | 100.5 | | | | | 415 |
| 7 | | | 4765518 | 04011986 | 99.5 | 99.3 | 99.4 | 99.4 | | | | | 4684 |
| 8 | | | 47581207 | 04012009 | 99.1 | 99 | 97.2 | 99.1 | | | | | 6087 |
| 9 | | | 4765517 | 03992717 | 99.3 | 99.5 | 97.9 | 99.2 | | | | | 270 |
| 10 | Comments: | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Farmdale Mr. DOD
 Received By _____

Date Tested 3.2.11
 Tested By 110983 Mr. Kell
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|-------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8" | Sensus | SBTE | 47695405 | | 100.2 | 99 | 98.9 | 99.6 | | | | | 1 5/8 SRTII |
| 2 | | | 47695447 | | 100.1 | 99.9 | 99.6 | 100 | | | | | Chamly |
| 3 | | | 47695403 | | 100.2 | 100 | 99.6 | 100.1 | | | | | 1 5/8 SRTII |
| 4 | | | 47347704 | | 100.2 | 98.6 | 99.9 | 99.4 | | | | | Strains |
| 5 | Meter Reading Before Test: | | 47695429 | | 100 | 100 | 98.7 | 100 | | | | | |
| 6 | Meter Reading After Test: | | 47695433 | | 99.8 | 99 | 98.8 | 99.4 | | | | | |
| 7 | | | 47715677 | | 100.1 | 100.1 | 96.4 | 100.1 | | | | | |
| 8 | | | 51014080 | | 100 | 99.7 | 97.4 | 99.9 | | | | | |
| 9 | | | 47695431 | | 100.1 | 98.8 | 99.7 | 99.5 | | | | | |
| 10 | Comments: | | 46455763 | | Stopped | | FAZL | | 99.1 | 98.9 | 98.9 | | |
| 11 | | | 47695412 | | 100 | 99 | 98 | 99.5 | | | | | |
| 12 | | | 4765424 | | 99.7 | 99.1 | 98.8 | 99.4 | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Farmdale 216 DUB
 Received By _____

Date Tested 10/17/11
 Tested By 60948 TPA Ball
 Date _____



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Summa | S3T | 71059825 | 1/4 | 100 | 100 | 99.8 | 100 | | | | | |
| 2 | | | 47695437 | | 98.9 | 99 | 98 | 99 | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | Meter Reading Before Test: | | | | | | | | | | | | |
| 6 | Meter Reading After Test: | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | Comments: | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Farmland 21/2, DUB
 Received By _____

Date Tested 11.11.10
 Tested By W0983 [Signature]
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|------------|
| | | | | | High Flow | Med Flow | Low FLOW | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Sensus | SRTT | 47695440 | 7/4 | 99 | 99.5 | 99.7 | 99.3 | | | | | |
| 2 | | | 476155772 | | 99.6 | 100 | 100 | 99.8 | | | | | |
| 3 | | | 47695435 | | 99.4 | 100 | 99.4 | 99.6 | | | | | |
| 4 | | | 47695432 | | 100.8 | 100.9 | 100 | 100.9 | | | | | |
| 5 | Meter Reading Before Test: | | 47695439 | | 100.4 | 101.2 | 99.1 | 100.8 | | | | | |
| 6 | Meter Reading After Test: | | 47695436 | | 100.5 | 100.4 | 99.6 | 100.5 | | | | | |
| 7 | | | 47695402 | | 99.6 | 100.3 | 98.2 | 100 | | | | | |
| 8 | | | 47695434 | | 99.1 | 100.8 | 98.4 | 100 | | | | | |
| 9 | | | 47695401 | | 99.5 | 100 | 98.9 | 99.8 | | | | | |
| 10 | Comments: | | 47695420 | | 100.3 | 100 | 99 | 100.1 | | | | | |
| 11 | | | 47581102 | | 99.9 | 101 | 100.2 | 100.5 | | | | | |
| 12 | | | 47581107 | | 100.1 | 101.4 | 99.8 | 100.3 | | | | | |
| 13 | | | 47581104 | | 99.8 | 101 | 100.1 | 100.4 | | | | | |
| 14 | | | 57550291 | | 100.1 | 98.7 | 100 | 99.4 | | | | | |
| 15 | | | 70670342 | | 100 | 100 | 99.2 | 100 | | | | | |

Customer Farmdale, W. Va. Dub
 Received By _____

Date Tested 11.9.10
 Tested By W0983 Mike Roll
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|----------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 1/2 | Samsud | SRTI | 47109151 | N/A | 100.2 | 100.3 | 97.4 | 100.3 | | | | | 2- Samsud SRTI |
| 2 | | | 4656045 | | 100.5 | 100 | 97.8 | 100.3 | | | | | Chamber |
| 3 | | | 47347696 | | 99.8 | 101 | 0 | FAIL → | 99.9 | 100 | 99.1 | 100 | 2- SRTI Strain |
| 4 | | | 66603792 | | 100.5 | 100.1 | 100 | 100.3 | | | | | |
| 5 | Meter Reading Before Test: | | 47109118 | | 100.5 | 101 | 98 | 100.8 | | | | | |
| 6 | Meter Reading After Test: | | 47347718 | | 100.0 | 100 | 99.1 | 100.3 | | | | | |
| 7 | | | 62903419 | | 100.5 | 100.2 | 100.1 | 100.4 | | | | | |
| 8 | | | 47347722 | | 100.1 | 100.9 | 98.9 | 100.5 | | | | | |
| 9 | | | 66603787 | | 99.9 | 100.1 | 99.5 | 100 | | | | | |
| 10 | Comments: | | 56877772 | | 100.1 | 101 | 98 | 100.0 | | | | | |
| 11 | | | 47347714 | | 100.4 | 101 | 93.2 | 100.7 | | | | | |
| 12 | | | 47567059 | | 99 | 99.1 | 98.5 | 99.1 | | | | | |
| 13 | | | 32951078 | | 95.2 | 94.8 | 90 | FAIL → | 100 | 100.2 | 96.9 | 100.1 | |
| 14 | | | 47347695 | | 99.6 | 99 | 98.5 | 99.3 | | | | | |
| 15 | | | 69870003 | | 100.2 | 99.9 | 100 | 100.1 | | | | | |

Customer Farmdale Wto. Dist
 Received By _____

Date Tested 11.8.10
 Tested By 120948 Rpr Folt
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|--------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Sensus | SRT | 47581081 | 7/4 | 100.4 | 100.3 | 99.8 | 100.4 | | | | | 3-5/8 Sensus |
| 2 | | | 470455773 | | 100 | 100.1 | 95.7 | 100.1 | | | | | SRT Straink |
| 3 | | | 47109160 | | 100 | 100 | 98.9 | 100 | | | | | 3-5/8 Sensus |
| 4 | | | 47109165 | | 99.8 | 100 | 98.8 | 99.9 | | | | | SRT Chamber |
| 5 | Meter Reading Before Test: | | 47581080 | | 100.1 | 101 | 97.9 | 100.6 | | | | | |
| 6 | Meter Reading After Test: | | 47581110 | | 100.2 | 100 | 96 | 100.1 | | | | | |
| 7 | | | 47581112 | | 100.8 | 101.5 | 96 | 101.2 | | | | | |
| 8 | | | 47581082 | | 100.5 | 100 | 98.1 | 100.3 | | | | | |
| 9 | | | 47581108 | | 100.3 | 100.9 | 99 | 100.6 | | | | | |
| 10 | Comments: | | 47109161 | | 100.7 | 100 | 96.2 | 100.4 | | | | | |
| 11 | | | 46455801 | | 100.6 | 100 | 0 FAIL | 98.7 | 98.9 | 100 | 98.8 | | |
| 12 | | | 47347713 | | 100.3 | 101.5 | 95.9 | 100.9 | | | | | |
| 13 | | | 47347701 | | 100.6 | 100.1 | 100 | 100.4 | | | | | |
| 14 | | | 51014045 | | 0 | 0 | 0 FAIL | 99.5 | 100 | 98.5 | 99.8 | | |
| 15 | | | 47347699 | | 100.4 | 99 | 64 FAIL | 98.5 | 98.6 | 98 | 98.6 | | |

Customer Federal 21st Div.
 Received By _____

Date Tested 11.7.10
 Tested By W0983 JPC RB
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|--------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1-3/8 | Sensur | SRTI | 36640940 | PREVIOUSLY | 100.4 | 100 | 98.6 | 100.2 | | | | | Sensur SR |
| 2 | | | 32788691 | FAILED | 100.7 | 100.1 | 98.5 | 100.4 | | | | | Chamber #111 |
| 3 | | | 452001055 | | 100 | 101 | 99.7 | 100.5 | | | | | |
| 4 | | | 120813845 | | 98.4 | 100 | 86 | FAIL | 100.3 | 101.1 | 99 | | |
| 5 | Meter Reading Before Test: | | 47347702 | | 99.1 | 100.5 | 100 | 99.8 | | | | | Sensur SRTI |
| 6 | Meter Reading After Test: | | 47347703 | | 99.9 | 100 | 100.1 | 100 | | | | | Chamber 1 |
| 7 | | | 48048287 | | 99.8 | 100 | 99.1 | 99.9 | | | | | |
| 8 | | | 47347700 | | 99.5 | 99.2 | 98.2 | 99.4 | | | | | |
| 9 | | | 46560479 | | 100.5 | 100 | 99.1 | 100.3 | | | | | |
| 10 | Comments: | | 47347711 | | 100.4 | 100 | 99.8 | 100.2 | | | | | |
| 11 | | | 47347724 | | 99.1 | 100 | 97.8 | 99.6 | | | | | |
| 12 | | | 47347716 | | 101.3 | 100.1 | 99.8 | 100.2 | | | | | |
| 13 | | | 47347715 | | 101 | 100.4 | 97.6 | 100.7 | | | | | |
| 14 | | | 47581111 | | 100 | 100.6 | 96 | 100.3 | | | | | |
| 15 | | | 47581109 | | 100.5 | 100 | 99.8 | 100.3 | | | | | |

Customer Farmdale 2/11/10 DTS
 Received By _____

Date Tested 11.7.10
 Tested By NOSAB The Fall
 Date _____

15



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|-----------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Sensus | SRTI | 47695392 | 1/2 | 99.9 | 99.1 | 98.9 | 99.5 | | | | | 1 - Sensus SRTI |
| 2 | | | 47695612 | | 99.8 | 100 | 100.1 | 99.9 | | | | | Chamber |
| 3 | | | 47695394 | | 99.8 | 100 | 100 | 99.9 | | | | | 1 - SRTI Meter |
| 4 | | | 7813444 | | 99.1 | 99.6 | 99 | 99.4 | | | | | |
| 5 | Meter Reading Before Test: | | 7695460 | | 99.6 | 100 | 98 | 99.8 | | | | | |
| 6 | Meter Reading After Test: | | 47695427 | | 98.9 | 99 | 98.7 | 99 | | | | | |
| 7 | | | 45596055 | | 99.9 | 100.8 | 100.1 | 100.4 | | | | | |
| 8 | | | 47695443 | | 100 | 99 | 92 | 99.5 | | | | | |
| 9 | | | 45000672 | | 92.8 | 94 | 0 | FALG | 99.7 | 100 | 100 | 99.9 | |
| 10 | Comments: | | 47695416 | | 99.5 | 100 | 96.1 | 99.8 | | | | | |
| 11 | | | 47695612 | | 100.1 | 100.4 | 100.2 | 100.1 | | | | | |
| 12 | | | 47695394 | | 100.2 | 101.4 | 98.5 | 100.3 | | | | | |
| 13 | | | 47693444 | | 100.1 | 101 | 98 | 100.6 | | | | | |
| 14 | | | 47695406 | | 101.3 | 100.5 | 99.1 | 100.9 | | | | | |
| 15 | | | 4769427 | | 99.8 | 101 | 99.5 | 100.4 | | | | | |

Customer Farmdale Rte Dist
 Received By _____

Date Tested 11.10.10
 Tested By 610983 Mr. Robb
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|---------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8" | Sensus | SRTI | 441026430 | N/A | 99.6 | 100 | 98.7 | 99.8 | | | | | 7-Sensus SRTI |
| 2 | | | 416455776 | | 100.2 | 100.8 | 69.5 | FAIL | 99.4 | 101.1 | 99.2 | 100.3 | Cherry |
| 3 | | | 4765440 | | 51 | 48 | 0 | FAIL | 100.1 | 100.6 | 98.9 | 100.4 | 2-SETI |
| 4 | | | 4500148 | | 79 | 81 | 0 | FAIL | 100 | 101 | 100 | 100.5 | |
| 5 | Meter Reading Before Test: | | 37567061 | | 98.8 | 100 | 54 | FAIL | 99.9 | 101.1 | 99.1 | 100.5 | |
| 6 | Meter Reading After Test: | | 485289100 | | 100.1 | 98.1 | 0 | FAIL | 99.5 | 100.3 | 99 | 99.9 | |
| 7 | | | 48618409 | | 100.1 | 100.4 | 89.2 | FAIL | 100.4 | 101.2 | 100 | 100.8 | |
| 8 | | | 47695425 | | 99.4 | 98.5 | 98 | 99 | | | | | |
| 9 | | | 47695393 | | 99.8 | 99 | 99 | 99.4 | | | | | |
| 10 | Comments: | | 47695426 | | 100 | 99 | 97.1 | 99.5 | | | | | |
| 11 | | | 47695437 | | 97.8 | 97 | 90 | FAIL | 99.1 | 100.2 | 98.9 | 99.6 | |
| 12 | | | 47695436 | | 99.7 | 99.1 | 100.9 | 99.4 | | | | | |
| 13 | | | 55783154 | | 99.7 | 98.5 | 96.1 | 99.1 | | | | | |
| 14 | | | 476954810 | | 99.9 | 101 | 98.3 | 100.5 | | | | | |
| 15 | | | 47695445 | | 99.8 | 99.2 | 100 | 99.5 | | | | | |

Customer Ferrandale Rte Dist
 Received By _____

Date Tested 11.6.10
 Tested By N0983 T/R RJA
 Date _____

15



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|---------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Summa | SRTI | 45596055 | 10 | 100.4 | 100.6 | 100.1 | 100.5 | | | | | 1- Summa SRTI |
| 2 | | | 47695443 | | 99.9 | 101 | 94 | 100.5 | | | | | Chumli |
| 3 | | | 4500007 | | 97.8 | 90 | 0 | FAZZ | 99.7 | 100.2 | 98.7 | 100 | 1- SRTI Summa |
| 4 | | | 47695416 | | 100 | 100.9 | 97.1 | 100.5 | | | | | |
| 5 | Meter Reading Before Test: | | 47507080 | | 100.4 | 101.3 | 99 | 101.1 | | | | | |
| 6 | Meter Reading After Test: | | 48455905 | | 99.9 | 100.9 | 99.3 | 100.5 | | | | | |
| 7 | | | 47581197 | | 100 | 101 | 99 | 100.5 | | | | | |
| 8 | | | 47507032 | | 100 | 101.5 | 100 | 100.8 | | | | | |
| 9 | | | 47507084 | | 100.2 | 100.4 | 98.5 | 100.5 | | | | | |
| 10 | Comments: | | 47695409 | | 100.5 | 101.2 | 97 | 100.9 | | | | | |
| 11 | | | 47581192 | | 100.0 | 101.4 | 97.1 | 101 | | | | | |
| 12 | | | 47507081 | | 100.5 | 101.1 | 99.8 | 100.8 | | | | | |
| 13 | | | 476954149 | | 99.2 | 99.9 | 97.4 | 99.0 | | | | | |
| 14 | | | 47581176 | | 99.8 | 99.9 | 99 | 99.9 | | | | | |
| 15 | | | 47584179 | | 100.2 | 101 | 99.1 | 100.6 | | | | | |

Customer Foreman 2/10 Dick
 Received By _____

Date Tested 11.5.10
 Tested By WBB M. Roth
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Sensata | SRTE | 416560468 | N/A | 100.5 | 101 | 98.9 | 100.8 | | | | | |
| 2 | | | 416560478 | 03305205 | 100.8 | 100.3 | 98.1 | 100.6 | | | | | |
| 3 | | | 416560482 | 0329960 | 100.6 | 101.1 | 98 | 100.9 | | | | | |
| 4 | | | 416560466 | | 99.8 | 100.9 | 99.4 | 100.4 | | | | | |
| 5 | Meter Reading Before Test: | | 416560474 | 03356892 | 100.5 | 101.4 | 97.2 | 101 | | | | | |
| 6 | Meter Reading After Test: | | 416560486 | 03330828 | 100.6 | 101.4 | 98 | 101 | | | | | |
| 7 | | | 47109131 | 03449992 | 100.5 | 100.9 | 100 | 100.7 | | | | | |
| 8 | | | 47109134 | 03229879 | 100.5 | 101.2 | 100.5 | 100.9 | | | | | |
| 9 | | | 47109133 | | 100.5 | 100.9 | 97 | 100.7 | | | | | |
| 10 | Comments: | | 416560470 | 03299747 | 99 | 100.4 | 92.1 | 99.7 | | | | | |
| 11 | | | 416560459 | 03362594 | 100.6 | 100.9 | 99.1 | 100.8 | | | | | |
| 12 | | | 47109130 | 03395333 | 100.3 | 101 | 99 | 100.7 | | | | | |
| 13 | | | 416560465 | 03352458 | 100.8 | 101.5 | 98.5 | 101.2 | | | | | |
| 14 | | | 47868053 | 0A0A0A05 | 100.4 | 100 | 97.3 | 100.2 | | | | | |
| 15 | | | 416560464 | 03299743 | 100.6 | 101.1 | 99 | 100.9 | | | | | |

Customer Farmdale 2th. DEX
 Received By _____

Date Tested 9.14.10
 Tested By W0983 Mike Roth
 Date _____



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 1/8 | Sensus | SRTI | 47347697 | | 100.7 | 99.6 | 99.1 | 100.2 | | | | | |
| 2 | | | 47347721 | | 100.6 | 99.7 | 97.2 | 100 | | | | | |
| 3 | | | 47347719 | | 100.3 | 99.9 | 0 | 100.1 | | | | | |
| 4 | | | 666603791 | | 100.1 | 100.2 | 100 | 100.2 | | | | | |
| 5 | Meter Reading Before Test: | | 47347720 | | 100.9 | 100 | 97.1 | 100.5 | | | | | |
| 6 | Meter Reading After Test: | | 47347694 | | 100.4 | 100.9 | 96.5 | 100.7 | | | | | |
| 7 | ↓ | ↓ | 19870003 | | 100.9 | 101.4 | 99.8 | 101.2 | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | Comments: | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Farmdale Hts. Dist
 Received By _____

Date Tested 9.14.10
 Tested By W0983 M. R.
 Date _____

15



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|--------------|---------------------------|----------|----------|----------|-------------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8" | Somnus | SBIT | 4164553803 | N/A | 100.9 | 101.3 | 100.2 | 101.1 | | | | | 167 - Sender SPC |
| 2 | | | 416455788 | | 99.2 | 100.2 | 98 | 99.7 | | | | | Maintenance Check |
| 3 | | | 416560453 | | 100.3 | 99.5 | 100.1 | 99.9 | | | | | 1 - STL Check |
| 4 | | | 416560454 | | 100.2 | 100.1 | 100.2 | 100.2 | | | | | |
| 5 | Meter Reading Before Test: | | 416560455 | | 100.5 | 101 | 101 | 100.8 | | | | | |
| 6 | Meter Reading After Test: | | 416560451 | | 101.4 | 99.7 | 92 | 100.6 | | | | | |
| 7 | | | 416560456 | | 100.7 | 101 | 100 | 100.9 | | | | | |
| 8 | | | 52040742 | | 100.5 | 98.5 | 99.5 | 99.5 | | | | | |
| 9 | | | 47109159 | | 100.1 | 100 | 100 | 100.1 | | | | | |
| 10 | Comments: | | 47109146 | | 100.6 | 100.5 | 100.4 | 100.6 | | | | | |
| 11 | | | 47109154 | | 100.2 | 100 | 100.5 | 100.1 | | | | | |
| 12 | | | 416560477 | | 100.2 | 101.5 | 98.5 | 100.9 | | | | | |
| 13 | | | 45200455 | | 99.4 | 97.5 | FAIL | FAIL → 100.1 | 100.5 | 98.9 | 100.3 | | |
| 14 | | | 47109148 | | 99.9 | 101.5 | 97.1 | 100.7 | | | | | |
| 15 | | | ✓ 316640940 | | 99.9 | 101.3 | 86.6 | FAIL | 100.4 | 101.2 | 99 | 100.3 | |

Customer Formdale 2/Tr. Dist.
 Received By _____

Date Tested 9.10.10
 Tested By 10983 Mike Rell
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|------------|-----------------|-----------------|----------------------------|--------------|-------------|---------------|---------------------------|--------------|--------------|--------------|-----------------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 | <i>Semco</i> | <i>SR</i> | <i>32788091</i> | | <i>98</i> | <i>94</i> | <i>57</i> | <i>FAIL →</i> | <i>99.9</i> | <i>100.6</i> | <i>99.7</i> | <i>100.3</i> | <i>4- Remove SR</i> |
| 2 | | <i>STL</i> | <i>48048366</i> | <i>0497086</i> | <i>101.4</i> | <i>101</i> | <i>99</i> | <i>101.2</i> | | | | | <i>Plastic Manway</i> |
| 3 | | <i>↓</i> | <i>47109156</i> | <i>46024213</i> | <i>100.1</i> | <i>100.2</i> | <i>99.8</i> | <i>100.2</i> | | | | | <i>Chamber</i> |
| 4 | | <i>↓</i> | <i>47109155</i> | | <i>101.5</i> | <i>101.5</i> | <i>97.1</i> | <i>101.5</i> | | | | | |
| 5 | Meter Reading Before Test: | | <i>SR</i> | <i>45567370</i> | <i>99.6</i> | <i>101.5</i> | <i>86</i> | <i>FAIL →</i> | <i>100.1</i> | <i>101</i> | <i>100.1</i> | <i>100.6</i> | |
| 6 | Meter Reading After Test: | | | <i>47109157</i> | <i>03401721</i> | <i>100.8</i> | <i>101</i> | <i>98.7</i> | <i>100.9</i> | | | | |
| 7 | | <i>STL</i> | <i>47109145</i> | <i>03320001</i> | <i>100.9</i> | <i>101.2</i> | <i>99.4</i> | <i>101.1</i> | | | | | |
| 8 | | | <i>70670360</i> | <i>65581381</i> | <i>100</i> | <i>100</i> | <i>100</i> | <i>100</i> | | | | | |
| 9 | | | <i>47109150</i> | <i>03303606</i> | <i>99.2</i> | <i>100.9</i> | <i>98</i> | <i>100.1</i> | | | | | |
| 10 | Comments: | | | <i>47109149</i> | <i>100.2</i> | <i>101</i> | <i>99.5</i> | <i>100.8</i> | | | | | |
| 11 | | <i>↓</i> | <i>47109121</i> | | <i>100</i> | <i>100</i> | <i>98.9</i> | <i>100</i> | | | | | |
| 12 | | <i>SR</i> | <i>43952725</i> | | <i>97</i> | <i>97.2</i> | <i>74.1</i> | <i>FAIL →</i> | <i>100.1</i> | <i>100.7</i> | <i>99.9</i> | <i>100.4</i> | |
| 13 | | <i>STL</i> | <i>47109149</i> | | <i>100</i> | <i>99.8</i> | <i>99</i> | <i>99.9</i> | | | | | |
| 14 | | <i>SR</i> | <i>45567370</i> | | <i>97.1</i> | <i>98.2</i> | <i>88</i> | <i>FAIL →</i> | <i>100</i> | <i>101</i> | <i>97.9</i> | | |
| 15 | | <i>STL</i> | <i>47109162</i> | | <i>100.7</i> | <i>99.5</i> | <i>99</i> | <i>100.1</i> | | | | | |

Customer *Fremont 21th DUB*
 Received By _____

Date Tested *9.10.10*
 Tested By *W0983 [Signature]*
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|----------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Sensus | SRTI | 410560485 | 03354923 | 100.4 | 101 | 100.4 | 100.7 | | | | | 1- Sensus SRTI |
| 2 | | | 47109119 | 03417533 | 100.1 | 101 | 100.1 | 100.10 | | | | | Chamber |
| 3 | | | 410560471 | 03339080 | 100 | 100.5 | 99.10 | 100.3 | | | | | 1- Sensus SRTI |
| 4 | | | 410560472 | 03366282 | 99.9 | 101.1 | 98.9 | 100.5 | | | | | Stair |
| 5 | Meter Reading Before Test: | | 47109132 | 03452135 | 100 | 100.0 | 99.1 | 100.3 | | | | | |
| 6 | Meter Reading After Test: | | 47347710 | 03571408 | 100.9 | 101.5 | 99.2 | 101.2 | | | | | |
| 7 | | | 47109128 | | 99.4 | 100 | 99.2 | 99.7 | | | | | |
| 8 | | | 47109127 | 03202639 | 99 | 99 | 98.7 | 99 | | | | | |
| 9 | | | 7109126 | | 100.3 | 99.5 | 99 | 99.9 | | | | | |
| 10 | Comments: | | 47109135 | 03278746 | 99.6 | 101 | 97.1 | 100.3 | | | | | |
| 11 | | | 410560401 | 03360104 | 100.7 | 101.4 | 97 | 101.1 | | | | | |
| 12 | | | 410560463 | 03304212 | 100.5 | 101.3 | 98.8 | 100.9 | | | | | |
| 13 | | | 410560457 | 03356880 | 97.9 | 100 | 80.2 | FAEL | 100.3 | 101.1 | 98.7 | 100.7 | |
| 14 | | | 410560485 | 03354923 | 100.1 | 101.5 | 99 | 100.8 | | | | | |
| 15 | | | 47109129 | | 99.7 | 101.5 | 97.1 | 100.10 | | | | | |

Customer Fairdale 2nd Dist.
 Received By _____

Date Tested 8.12.10
 Tested By W0983 [Signature]
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|------------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|---------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8" | Summa | SBTL | 416455771 | N/A | 100 | 100 | 98.9 | 100 | | | | | 5-Sensor |
| 2 | | | 416455846 | 03245691 | 100.1 | 100 | 99 | 100.1 | | | | | SBTL Chamber |
| 3 | | | 416455847 | 03239761 | 100.2 | 100 | 100 | 100.1 | | | | | Complete |
| 4 | | | 465 416560471 | 03313028 | 100 | 99 | 99.1 | 99.5 | | | | | 5-Sensor |
| 5 | Meter Reading Before Test: | | 416455845 | 03239009 | 98.1 | 98.7 | 88 | FAIL | 98.8 | 101.1 | 99.4 | 100 | SBTL Strainer |
| 6 | Meter Reading After Test: | | 416455844 | | 101.4 | 99.7 | 99.9 | 100.6 | | | | | 4-Sensor SBTL |
| 7 | | | 63186439 | | 100.3 | 100 | 100.2 | 100.1 | | | | | Btm Marking |
| 8 | | | 6455348 | 03256333 | 101 | 100 | 100 | 100.5 | | | | | |
| 9 | | | 60142234 | 52369426 | 100.2 | 100.7 | 100 | 100.5 | | | | | |
| 10 | Comments: | | 416455780 | 03246161 | 97.1 | 92 | 95.2 | FAIL | 99.4 | 100 | 99.3 | 99.7 | |
| 11 | | | 63466777 | 05635885 | 100.6 | 100.2 | 100 | 100.4 | | | | | |
| 12 | | | 416455768 | 03275964 | 100 | 101 | 99 | 100.5 | | | | | |
| 13 | | | 416455779 | 03206056 | 97 | 100.9 | 98 | FAIL | 99.1 | 101.3 | 100 | 100.2 | |
| 14 | | | 46560470 | 03356130 | 100.1 | 101.4 | 99 | 100.8 | | | | | |
| 15 | | | 416560469 | 03380332 | 100.3 | 101.1 | 98 | 100.7 | | | | | |

Customer Formdale 2/Tr. DWS
 Received By _____

Date Tested 7.19.10
 Tested By W0983 Tom Rott
 Date _____

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Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|----------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 5/8 | Sumner | SBIT | 46455718 | | | | 98.5 | | | | | | 2 - Sumner SET |
| 2 | | | 47695467 | 04104843 | 99.6 | 101.1 | 98.5 | 100.4 | | | | ✓ | Flap Metering |
| 3 | | | 65701184 | 58547716 | 100.6 | 100 | 100.2 | 100.3 | | | | ✓ | Chain |
| 4 | | | 416455785 | 03259973 | Stopped → | | | | 101.3 | 100 | 98.9 | 100.7 | 1 - Sumner SET |
| 5 | Meter Reading Before Test: | | 100280066 | 52522933 | 101 | 100.1 | 100 | 100.1 | | | | ✓ | None |
| 6 | Meter Reading After Test: | | 416455847 | | 100.3 | 101.4 | 67 | FAIL | | | | | |
| 7 | | | 46455767 | 70647402 | 100.2 | 100.5 | 99.4 | 100.4 | | | | ✓ | |
| 8 | | | 416455769 | | 100.9 | 100.3 | 100.8 | 100.6 | | | | | |
| 9 | | | 416455783 | | 99.5 | 100.3 | 100.1 | 99.9 | | | | | |
| 10 | Comments: | | 416455787 | | 100 | 99 | 99 | 99.5 | | | | | |
| 11 | | | 416455841 | | 100.3 | 98.6 | 100.1 | 99.5 | | | | | |
| 12 | | | 62051504 | | 100.6 | 98.2 | 100.4 | FAIL | 100 | 99.6 | 98.3 | 99.8 | |
| 13 | | | 47347692 | | 100.1 | 100.5 | 98.9 | 100.3 | | | | | |
| 14 | | | 47347717 | | 99.8 | 100.5 | 99 | 100.2 | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Fabondale Wtr. Dist
 Received By _____

Date Tested 7.19.10
 Tested By W0983 Tom Rott
 Date _____



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|--|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|--------------------------------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1 1/4" | Sensus | SRH | 1342119 | N/A | LOW SIDE | 99.2 | 99 | 99.1 | | | | ✓ | 1-Low Side Chamber |
| 2 | | | | | 102.5 | 100.4 | 100 | 101.5 | | | | | 1-Top Cover for Low Side |
| 3 | | | | | | | | | | | | | 1-Flasket |
| 4 | | | | | | | | | | | | | 1-1 1/2" x 3" Brass Nipple |
| 5 | Meter Reading Before Test: | | 115886.000 | | | | | | | | | | 1-1 1/2" x 2" Fed Bushing |
| 6 | Meter Reading After Test: | | 115888.000 | | | | | | | | | | 1-2" Brass Ball Valve |
| 7 | | | | | | | | | | | | | 1-Certified Field Meter Test & Labor |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | Comments: After repair of the low side meter now meets PSC and ARMA requirements | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Franklin Wts. Dist.
 Received By Scott K. [Signature]

Date Tested 7.8.10
 Tested By 140983 M. [Signature]
 Date _____



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts |
|------------|---|-----------|---------------|--------------|----------------------------|-----------|----------|----------|---------------------------|----------|----------|----------|---------------|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | |
| 1" | Sensus | SRTI | 671649210 | 1/2 | | Stopped → | | | 100 | 100.5 | 99 | 100.3 | 1 - Sensus 1" |
| 2 | | | | | | | | | | | | | SRTI Chamber |
| 3 | | | | | | | | | | | | | 1 - Sensus 1" |
| 4 | | | | | | | | | | | | | SRTI Chamber |
| 5 | Meter Reading Before Test: | | 00000010 | | | | | | | | | | |
| 6 | Meter Reading After Test: | | 0000132.5 | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | Comments: After replacing chamber and bottom, meter now | | | | | | | | | | | | |
| 11 | meets PSC and URWA requirements. | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |

Customer Farmdale H₂O Dist
 Received By _____

Date Tested 6.29.10
 Tested By W0983 Mike Koff
 Date _____



Definitive Testing Services

Lexington, Kentucky

All in comp

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts | |
|------------|----------------------------|------------|-----------------|-----------------|----------------------------|--------------|--------------|--------------|---------------------------|----------|----------|----------|------------|---|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | | |
| 1 5/8 | <i>Sensus</i> | <i>SRT</i> | <i>49161132</i> | <i>05096154</i> | <i>101.4</i> | <i>101.1</i> | <i>97.9</i> | <i>101.3</i> | | | | | | ✓ |
| 2 | | | <i>48528939</i> | <i>04488396</i> | <i>101.5</i> | <i>101</i> | <i>98.7</i> | <i>101.3</i> | | | | | | ✓ |
| 3 | | | <i>68293473</i> | <i>55658491</i> | <i>99</i> | <i>99.2</i> | <i>99.4</i> | <i>99.1</i> | | | | | | ✓ |
| 4 | | | <i>47581118</i> | <i>62046241</i> | <i>100.6</i> | <i>101.2</i> | <i>100.2</i> | <i>100.9</i> | | | | | | ✓ |
| 5 | Meter Reading Before Test: | | | | | | | | | | | | | |
| 6 | Meter Reading After Test: | | | | | | | | | | | | | |
| 7 | | | <i>68293463</i> | <i>62046253</i> | <i>99.5</i> | <i>100.1</i> | <i>100.5</i> | <i>99.8</i> | | | | | | ✓ |
| 8 | | | <i>62051506</i> | <i>63088715</i> | <i>101</i> | <i>100.6</i> | <i>99.1</i> | <i>100.8</i> | | | | | | ✓ |
| 9 | | | | | | | | | | | | | | |
| 10 | Comments: | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |

Customer *Farmdale 2nd Dist*
 Received By _____

Date Tested *4.19.10*
 Tested By *W0983 [Signature]*
 Date _____

13



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts | |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|------------|---|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | | |
| 1 5/8 | Sensus | SBTL | 416455777 | 11261120 | 100.8 | 100.7 | 100 | 100.8 | | | | | | ✓ |
| 2 | | | 82903426 | 11120664 | 100.2 | 100.5 | 99.1 | 100.4 | | | | | | ✓ |
| 3 | | | 416455825 | 12940565 | 100.4 | 100.9 | 98 | 100.7 | | | | | | ✓ |
| 4 | | | 416455792 | 04780773 | 99.9 | 101 | 99 | 100.5 | | | | | | ✓ |
| 5 | Meter Reading Before Test: | | | | | | | | | | | | | |
| 6 | Meter Reading After Test: | | | | | | | | | | | | | |
| 7 | | | 62657329 | 03352379 | 100.4 | 99 | 98.5 | 99.7 | | | | | | ✓ |
| 8 | | | 416560484 | 03245692 | 99.8 | 99.5 | 91.6 | 99.7 | | | | | | ✓ |
| 9 | | | 47581123 | | 99.8 | 91.6 | 99.4 | 99.7 | ? | | | | | |
| 10 | Comments: | | 626573316 | 62046251 | 100 | 99.8 | 99.7 | 99.9 | ? | | | | | |
| 11 | | | 48777512 | 05583774 | 100.8 | 100.5 | 98.9 | 100.7 | | | | | | ✓ |
| 12 | | | 5101411 | 06414235 | 100 | 99.5 | 100 | 99.8 | | | | | | ✓ |
| 13 | | | 47695448 | 04060564 | 99 | 99 | 97.1 | 99 | | | | | | ✓ |
| 14 | | | 61875714 | | 99.9 | 99.6 | 99.8 | 99.8 | ? | | | | | |
| 15 | | | 49161206 | 05095628 | 99 | 99 | 96 | 99 | | | | | | ✓ |

Customer Farmdale N/A DUST
 Received By _____

Date Tested 4.19.10
 Tested By WD983 Mfm Roth
 Date 4.19.10

13



Definitive Testing Services

Lexington, Kentucky

Certified Meter Test Results

| Meter Size | Meter MFG | MFG Model | Serial Number | Trans Ponder | BEFORE REPAIR TEST RESULTS | | | | AFTER REPAIR TEST RESULTS | | | | Test/Parts | |
|------------|----------------------------|-----------|---------------|--------------|----------------------------|----------|----------|----------|---------------------------|----------|----------|----------|------------|---|
| | | | | | High Flow | Med Flow | Low Flow | Avg Test | High Flow | Med Flow | Low Flow | Avg Test | | |
| 1 5/8 | Sennur | SB | 43324550 | 07930597 | 99 | 101 | 98.8 | 100.5 | | | | | | ✓ |
| 2 | | SRT | 47109158 | | 101 | 100.6 | 96.8 | 100.8 | | | | | | |
| 3 | | SIC | 310488050 | 04173224 | 100.8 | 100.2 | 100 | 100.5 | | | | | | ✓ |
| 4 | | SRT | 48048322 | 01071922225 | 101.1 | 100.9 | 98.1 | 101 | | | | | | |
| 5 | Meter Reading Before Test: | | | | | | | | | | | | | |
| 6 | Meter Reading After Test: | | | | | | | | | | | | | |
| 7 | | SIC | 39281268 | 07730104 | 100.4 | 100.1 | 100 | 100.8 | | | | | | ✓ |
| 8 | | SRT | 46455790 | 03210396 | 100.7 | 101.3 | 97.9 | 101 | | | | | | ✓ |
| 9 | | SRT | 48777556 | 59509730 | 100.5 | 100.3 | 100 | 100.4 | | | | | | ✓ |
| 10 | Comments: | SRT | 68293478 | 59509713 | 100.2 | 100.2 | 99.9 | 100.2 | | | | | | ✓ |
| 11 | | | 47695413 | 04015321 | 99.6 | 99.2 | 97.3 | 99.4 | | | | | | ✓ |
| 12 | | | 56877761 | 03209797 | 101.3 | 99.7 | 100.4 | 100.5 | 3209797 | | | | | ✓ |
| 13 | | | 47581092 | 12000147 | 100.9 | 99.5 | 99.2 | 100.2 | ? | | | | | |
| 14 | | | 69352040 | 630516322 | 100 | 99.9 | 100.3 | 100 | | | | | | ✓ |
| 15 | | | 46455804 | 03373578 | 101 | 101.3 | 99.8 | 101.2 | | | | | | ✓ |

Customer Farmdale 2nd Dist
 Received By _____

Date Tested 4.19.10
 Tested By W6983 Jph K-06
 Date 4.19.10



The C.I. Thornburg Co., Inc.

140B Ambassador Drive

Bowling Green, Kentucky 42101

Phone: (270)843-0852 Fax: (270)780-9894

Page:

of:

| | |
|----------------|------------------|
| Sales Order #: | S100108681 |
| Date Tested: | 1/29/2020 |
| Tester: | PAXTON MCPHERSON |
| Card #: | W1185 |

Meter Shop Test Report

107 Quail Run

Customer:

FARMDALE

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Comments/Parts |
|----|----------|---------|------------|-------|------------------------|------|-----|---------|------------------------|------|-----|------|----------------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74957785 | 5/8X3/4 | SENSUS | IPERL | 99 | 99 | 100 | 99.333 | | | | #### | 107 Quail Run |
| 2 | | | | | | | | #DIV/O! | | | | #### | |
| 3 | | | | | | | | #DIV/O! | | | | #### | |
| 4 | | | | | | | | #DIV/O! | | | | #### | |
| 5 | | | | | | | | #DIV/O! | | | | #### | |
| 6 | | | | | | | | #DIV/O! | | | | #### | |
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| 11 | | | | | | | | #DIV/O! | | | | #### | |
| 12 | | | | | | | | #DIV/O! | | | | #### | |
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| 14 | | | | | | | | #DIV/O! | | | | #### | |
| 15 | | | | | | | | #DIV/O! | | | | #### | |
| 16 | | | | | | | | #DIV/O! | | | | #### | |
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| 18 | | | | | | | | #DIV/O! | | | | #### | |
| 19 | | | | | | | | #DIV/O! | | | | #### | |
| 20 | | | | | | | | #DIV/O! | | | | #### | |
| 21 | | | | | | | | #DIV/O! | | | | #### | |



CITCO Water

140B Ambassador Drive

Bowling Green, Kentucky 42101

Phone: (270)843-0852 Fax: (270)780-9894

Page:

of:

Sales Order #: S100139784

Date Tested: 1/15/2021

Tester: PAXTON MCPHERSON

Card #: W1185

Meter Shop Test Report

Customer: Farmdale

225 South Benson

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Parts |
|----|----------|---------|------------|--------|------------------------|--------|------|---------|------------------------|------|-----|---------|-------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74957154 | 5/8-3/4 | sensus | ipearl | 98.4 | 100.51 | 97.9 | 98.937 | | | | #DIV/0! | |
| 2 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 3 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 4 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 21 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 22 | | | | | | | | #DIV/0! | | | | #DIV/0! | |



CITCO Water
 140B Ambassador Drive
 Bowling Green, Kentucky 42101
 Phone: (270)843-0852 Fax: (270)780-9894

Page:

of:

Sales Order #: S100141340

Date Tested: 2/4/2021

Tester: PAXTON MCPHERSON

Card #: W1185

Meter Shop Test Report

Customer: Farmdale Water

1020 Silver Creek

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Parts |
|----|----------|---------|------------|-------|------------------------|-------|-------|---------|------------------------|------|-----|---------|-------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 88527695 | 5/8-3/4 | Sensus | SR2 | 99.46 | 100.9 | 100.4 | 100.25 | | | | #DIV/0! | |
| 2 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 3 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 4 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 5 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 6 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 7 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 10 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 12 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 20 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 21 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 22 | | | | | | | | #DIV/0! | | | | #DIV/0! | |



Citco Water
 140B Ambassador Drive
 Bowling Green, Kentucky 42101

Phone: (270)843-0852 Fax: (270)780-9894

Page: _____ of: _____

Sales Order #: S100172183
 Date Tested: 12/21/2021
 Tester: L.Wooldridge
 Card #: _____

Meter Shop Test Report

Customer: Farmdale

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Pa |
|----|----------|------|------------|-------|------------------------|-------|-------|---------|------------------------|------|-----|---------|----------------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74956173 | | | | 99.7 | 101 | 100 | 100.23 | | | | #DIV/0! | |
| 2 | 74956429 | | | | 98.75 | 101.1 | 100.6 | 100.15 | | | | #DIV/0! | 103 Creekstone |
| 3 | 74958296 | | | | 98.95 | 103.4 | 113.6 | 105.32 | | | | #DIV/0! | |
| 4 | 74958380 | | | | 99.5 | 100.4 | 100.6 | 100.17 | | | | #DIV/0! | |
| 5 | 74957158 | | | | 99.1 | 100.4 | 86.3 | 95.267 | | | | #DIV/0! | |
| 6 | 74957370 | | | | 99.8 | 99.8 | 100.2 | 99.933 | | | | #DIV/0! | |
| 7 | 89674295 | | | | 99.1 | 101 | 100.4 | 100.17 | | | | #DIV/0! | |
| 8 | 88404536 | | | | 98.8 | 100 | 100 | 99.6 | | | | #DIV/0! | |
| 9 | 81567492 | | | | 100.4 | 100.7 | 99.2 | 100.1 | | | | #DIV/0! | |
| 10 | 83940558 | | | | N/A | N/A | N/A | | | | | | |
| 11 | 74958040 | | | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | |
| 12 | 74958316 | | | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | |
| 13 | 89127249 | | | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | |
| 14 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 15 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 16 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 17 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 18 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 19 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 20 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 21 | | | | | | | | #DIV/0! | | | | #DIV/0! | |



The C.I. Thornburg Co., Inc.

140B Ambassador Drive

Bowling Green, Kentucky 42101

Phone: (270)843-0852

Fax: (270)780-9894

Page:

of:

Sales Order #: S100191846

Date Tested: 7/29/2022

Tester: L.Wooldridge

Card #:

Meter Shop Test Report

Customer: Farmdale

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Parts |
|----|----------|------|------------|-------|------------------------|-------|-------|---------|------------------------|------|-----|---------|-------------------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74958429 | 5/8 | Sensus | lperl | 98.6 | 99.8 | 99.8 | 99.4 | | | | #DIV/0! | 1105 Evergreen |
| 2 | 74956453 | 5/8 | Sensus | lperl | 99.1 | 99.8 | 100.1 | 99.667 | | | | #DIV/0! | 107 Coathrock |
| 3 | 74958287 | 5/8 | Sensus | lperl | 98.6 | 99.9 | 99.8 | 99.433 | | | | #DIV/0! | 229 Scofield |
| 4 | 74956113 | 5/8 | Sensus | lperl | 99.3 | 99.8 | 100.2 | 99.767 | | | | #DIV/0! | 301 Avestake |
| 5 | 74958642 | 5/8 | Sensus | lperl | 98.9 | 99.9 | 99.9 | 99.567 | | | | #DIV/0! | 535 Jones Ln |
| 6 | 74957345 | 5/8 | Sensus | lperl | 97.9 | 99.8 | 100.0 | 99.233 | | | | #DIV/0! | 176 Hawks Ln |
| 7 | 74956325 | 5/8 | Sensus | lperl | 98.9 | 100.0 | 99.9 | 99.6 | | | | #DIV/0! | 106 Tall Trees |
| 8 | 74957700 | 5/8 | Sensus | lperl | 98.8 | 99.8 | 99.9 | 99.5 | | | | #DIV/0! | 51 Roscoe |
| 9 | 74957160 | 5/8 | Sensus | lperl | 99.4 | 99.9 | 99.8 | 99.7 | | | | #DIV/0! | 303 Peachtree |
| 10 | 86812152 | 5/8 | Sensus | SRll | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | 917 Benson Valley |
| 11 | 89674274 | 5/8 | Sensus | SRll | 99.4 | 100.0 | 100.1 | 99.833 | | | | #DIV/0! | Not ours |
| 12 | 77142704 | 1" | Sensus | lperl | 100.3 | 100.0 | 100.3 | 100.2 | | | | #DIV/0! | 155 So Benson |
| 13 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 14 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 15 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 16 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 17 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 18 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 19 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 20 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 21 | | | | | | | | #DIV/0! | | | | #DIV/0! | |



Citco Water

140B Ambassador Drive
Bowling Green, Kentucky 42101

Phone: (270)843-0852

Fax: (270)780-9894

Page:

of:

| | |
|----------------|-------------|
| Sales Order #: | S100180385 |
| Date Tested: | 3/31/2022 |
| Tester: | L.Wooldrige |
| Card #: | |

Meter Shop Test Report

Customer: Farmdale

Notes: Meter #1 didn't read one high/medium
Meter #8 & #9 were defective

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Parts |
|----|----------|------|------------|-------|------------------------|------|-------|---------|------------------------|------|-----|---------|-----------------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74967857 | 5/8 | Sensus | lperl | 0 | 0 | 99.3 | 33.1 | | | | #DIV/0! | N/A |
| 2 | 74957056 | 5/8 | Sensus | lperl | 99.7 | 99.9 | 100.6 | 100.07 | | | | #DIV/0! | 663 Old Liberty |
| 3 | 74957166 | 5/8 | Sensus | lperl | 99.1 | 99.9 | 99.8 | 99.6 | | | | #DIV/0! | 222 Cherry Ln |
| 4 | 74956222 | 5/8 | Sensus | lperl | 98.5 | 99.8 | 99.8 | 99.367 | | | | #DIV/0! | 115 hwy 1000 |
| 5 | 74957848 | 5/8 | Sensus | lperl | 99.6 | 99.9 | 100.0 | 99.833 | | | | #DIV/0! | 2974 Cardwell |
| 6 | 74956057 | 5/8 | Sensus | lperl | 99.0 | 99.8 | 99.9 | 99.567 | | | | #DIV/0! | 2655 Evergreen |
| 7 | 74957989 | 5/8 | Sensus | lperl | 97.3 | 99.4 | 99.7 | 98.8 | | | | #DIV/0! | 1063 Tawcote |
| 8 | 74956477 | 5/8 | Sensus | lperl | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | 239 Cherry |
| 9 | 74956477 | 1" X | Sensus | lperl | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | |
| 10 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 11 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 12 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 13 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 15 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 17 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 18 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 19 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 21 | | | | | | | | #DIV/0! | | | | #DIV/0! | |



Citco Water
 140B Ambassador Drive
 Bowling Green, Kentucky 42101
 Phone: (270)843-0852 Fax: (270)780-9894

Page: _____ of: _____

Sales Order #: S100172183
 Date Tested: 12/21/2021
 Tester: L.Wooldridge
 Card #: _____

Meter Shop Test Report

Customer: Farmdale

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Pal |
|----|----------|------|------------|-----------|------------------------|-------|-------|---------|------------------------|------|-----|---------|----------------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74956173 | | | | 99.7 | 101 | 100 | 100.23 | | | | #DIV/0! | 100 Lynnwood |
| 2 | 74956429 | | | | 98.75 | 101.1 | 100.6 | 100.15 | | | | #DIV/0! | 103 Creekstone |
| 3 | 74958296 | | | | 98.95 | 103.4 | 113.6 | 105.32 | | | | #DIV/0! | 316 Briarpatch |
| 4 | 74958380 | | | | 99.5 | 100.4 | 100.6 | 100.17 | | | | #DIV/0! | 1006 Crowned |
| 5 | 74957158 | | | bad meter | 99.1 | 100.4 | 86.3 | 95.267 | | | | #DIV/0! | 470 Evesham |
| 6 | 74957370 | | | | 99.8 | 99.8 | 100.2 | 99.933 | | | | #DIV/0! | 94 Auburn |
| 7 | 89674295 | | | | 99.1 | 101 | 100.4 | 100.17 | | | | #DIV/0! | 107 Lawrence |
| 8 | 88404536 | | | | 98.8 | 100 | 100 | 99.6 | | | | #DIV/0! | 244 Briarpatch |
| 9 | 81567492 | | | | 100.4 | 100.7 | 99.2 | 100.1 | | | | #DIV/0! | 407 Sandstone |
| 10 | 83940558 | N/A | | | N/A | N/A | N/A | | | | | | |
| 11 | 74958040 | | | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | 1011 Tawwood |
| 12 | 74958316 | | | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | 332 Briarpatch |
| 13 | 89127249 | N/A | | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | |
| 14 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 15 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 16 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 17 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 21 | | | | | | | | #DIV/0! | | | | #DIV/0! | |



Citco Water
 140B Ambassador Drive
 Bowling Green, Kentucky 42101

Phone: (270)843-0852 Fax: (270)780-9894

Page: _____ of: _____

Sales Order #: S100172183
 Date Tested: 12/21/2021
 Tester: L. Wooldridge
 Card #: _____

Meter Shop Test Report

Customer: Farmdale

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Pa |
|----|----------|-------|------------|-------|------------------------|-------|-------|---------|------------------------|------|-----|---------|-----------------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74956173 | | Cummins | | 99.7 | 101 | 100 | 100.23 | | | | #DIV/0! | 100 Lyngwood |
| 2 | 74956429 | | | | 98.75 | 101.1 | 100.6 | 100.15 | | | | #DIV/0! | 103 Creekstone |
| 3 | 74958296 | 14-77 | 200-06 | | 98.95 | 103.4 | 113.6 | 105.32 | | | | #DIV/0! | 316 Briarpatch |
| 4 | 74958380 | 6-78 | 890-01 | | 99.5 | 100.4 | 100.6 | 100.17 | | | | #DIV/0! | 1006 Crawford |
| 5 | 74957158 | 6-86 | 400-05 | | 99.1 | 100.4 | 86.3 | 95.267 | | | | #DIV/0! | 1170 Evergreen |
| 6 | 74957370 | 10- | 37000-02 | | 99.8 | 99.8 | 100.2 | 99.933 | | | | #DIV/0! | 94 Hank LN |
| 7 | 89674295 | 3- | 40510-11 | | 99.1 | 101 | 100.4 | 100.17 | | | | #DIV/0! | 107 Lawrence St |
| 8 | 88404536 | 14- | 76100-03 | | 98.8 | 100 | 100 | 99.6 | | | | #DIV/0! | 244 Briarpatch |
| 9 | 81567492 | 11- | 15800-03 | | 100.4 | 100.7 | 99.2 | 100.1 | | | | #DIV/0! | 407 Sandstone |
| 10 | 83940558 | | Not ours | | N/A | N/A | N/A | | | | | | |
| 11 | 74958040 | 13- | 50600-01 | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | 1011 Tamworth |
| 12 | 74958316 | 14- | 77600-03 | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | 332 Briarpatch |
| 13 | 89127249 | | Not ours | | N/A | N/A | N/A | #DIV/0! | | | | #DIV/0! | |
| 14 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
| 15 | | | | | | | | #DIV/0! | | | | #DIV/0! | |
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| 21 | | | | | | | | #DIV/0! | | | | #DIV/0! | |



Citco Water
140B Ambassador Drive
Bowling Green, Kentucky 42101

Phone: (270)843-0852 Fax: (270)780-9894

Page: of:

| | |
|----------------|--------------|
| Sales Order #: | S100200243 |
| Date Tested: | 10/26/2022 |
| Tester: | L.Wooldridge |
| Card #: | |

Meter Shop Test Report

Customer: Farmdale
 421 Green Field

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | | Parts |
|----|----------|------|------------|-------|------------------------|------|------|---------|------------------------|------|-----|------|---------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. | |
| 1 | 74956700 | 5/8 | Sensus | lperl | 98.5 | 98.6 | 99.1 | 98.7 | | | | | #DIV/0! |
| 2 | | | | | | | | #DIV/0! | | | | | #DIV/0! |
| 3 | | | | | | | | #DIV/0! | | | | | #DIV/0! |
| 4 | | | | | | | | #DIV/0! | | | | | #DIV/0! |
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| 21 | | | | | | | | #DIV/0! | | | | | #DIV/0! |



Citco Water
140B Ambassador Drive
Bowling Green, Kentucky 42101

Phone: (270)843-0852

Fax: (270)780-9894

Page:

of:

Sales Order #: S100199723

Date Tested: 10/19/2022

Tester: L. Wooldridge

Card #:

Meter Shop Test Report

Customer: Farmdale

"Schlofield 376"

| | Serial # | Size | Meter Mfg. | Model | % ACCURACY AS RECEIVED | | | | % ACCURACY AS REPAIRED | | | |
|----|----------|------|------------|-------|------------------------|------|------|---------|------------------------|------|-----|---------|
| | | | | | High | Med. | Low | Avg. | High | Med. | Low | Avg. |
| 1 | 74957647 | 5/8 | Sensus | Iperl | 98.5 | 99.9 | 99.9 | 99.433 | | | | #DIV/0! |
| 2 | | | | | | | | #DIV/0! | | | | #DIV/0! |
| 3 | | | | | | | | #DIV/0! | | | | #DIV/0! |
| 4 | | | | | | | | #DIV/0! | | | | #DIV/0! |
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F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 112 Consumer TEST DATE: 7-26-23

OWNER: Frandate water

F.P.B. Co. # _____ MFG. # 74957425

-TESTERS/ EMPLOYEE # 261/262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|--|---------------------|---------------------------|---------------------|---------------------|------------------------|----------------------|
| <u>08-2012</u> | <u>5/8 x 3/4</u> | <u>Sensus I Pearl</u> | | | Y N On ___ Off ___ | |
| <u>Type of Test</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <input checked="" type="checkbox"/> <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| <u>TEST RESULTS:</u> | | <u>HIGH:</u> | <u>INTERM.</u> | <u>LOW</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: <u>99.17</u> | Test 1: <u>99.9</u> | Test 1: <u>1004</u> | <u>155108.13</u> | <u>222.33</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 1047 Deyane TEST DATE: 7-26-23

OWNER: Farmdale water

F.P.B. Co. # _____ MFG. # 74958328

-TESTERS/ EMPLOYEE # 261/262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|---|---------------------|-------------------------|---------------------|----------------------|------------------------|----------------------|
| <u>08-2012</u> | <u>5/8 x 3/4</u> | <u>Sensus Epeal</u> | | | Y N On ___ Off ___ | |
| Type of Test | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field Bench | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | HIGH: | INTERM. | LOW | Before Reading | After Reading |
| | | Test 1: <u>98.82</u> | Test 1: <u>99.3</u> | Test 1: <u>100.0</u> | <u>667730.35</u> | <u>5068.84</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments: _____

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 1034 Adely TEST DATE: 7-26-23

OWNER: Farmdale water

F.P.B. Co. # _____ MFG. # 74959478

-TESTERS/ EMPLOYEE # 261/262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|------------------------------------|---------------------------------------|---------------------------------|------------------------------|---------------------------------------|---------------------------------|
| <u>08-2012</u> | <u>5/8" x 3/4"</u> | <u>Sensus I pur 1</u> | | | Y N On ___ Off ___ | |
| Type of Test Field <u>Bench</u> | <u>Water in pit</u> Y ___ N ___ | <u>Electric in pit</u> Y ___ N ___ | <u>Sump Pump</u> Y ___ N ___ | <u>Ladder</u> Y ___ N ___ | <u>Valves Operable</u> Y ___ N ___ | <u>Pit clean</u> Y ___ N ___ |
| TEST RESULTS: | HIGH: | | INTERM. | | LOW | |
| | Test 1: <u>98.82</u> | | Test 1: <u>98.3</u> | | Test 1: <u>99.7</u> | |
| | Test 2: _____ | | Test 2: _____ | | Test 2: _____ | |
| | Test 3: _____ | | Test 3: _____ | | Test 3: _____ | |
| | | | | | <u>Before Reading</u> | <u>After Reading</u> |
| | | | | | <u>454950.12</u> | <u>5068.84</u> |

Comments:

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 1030 Adely TEST DATE: 7-26-23

OWNER: Farmdale water

F.P.B. Co. # _____ MFG. # 74957445

-TESTERS/ EMPLOYEE # 261/262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|------------------------------------|---------------------------------------|---------------------------------|------------------------------|---------------------------------------|---------------------------------|
| <u>08-2012</u> | <u>5/8 x 3/4</u> | <u>Sensus E perl</u> | | | Y N On ___ Off ___ | |
| Type of Test Field <u>Bench</u> | <u>Water in pit</u> Y ___ N ___ | <u>Electric in pit</u> Y ___ N ___ | <u>Sump Pump</u> Y ___ N ___ | <u>Ladder</u> Y ___ N ___ | <u>Valves Operable</u> Y ___ N ___ | <u>Pit clean</u> Y ___ N ___ |
| TEST RESULTS: | HIGH: | | INTERM. | | LOW | |
| | Test 1: _____ | Test 1: <u>97.7</u> | Test 1: <u>985</u> | <u>406921.81</u> | Before Reading | |
| | Test 2: _____ | Test 2: _____ | Test 2: _____ | | After Reading | |
| | Test 3: _____ | Test 3: _____ | Test 3: _____ | | <u>7078.85</u> | |

Comments:

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT WATER METER INSPECTION & TEST REPORT

LOCATION: 1014 Tyburn TEST DATE: 7-26-23

OWNER: Fairdale water

F.P.B. Co. # _____ MFG. # 74957475

-TESTERS/ EMPLOYEE # 2611262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|---------------------|---------------------------|------------------|--------------------|------------------------|----------------------|
| <u>08-2012</u> | <u>5/8 R 3/4</u> | <u>Sensus I per 1</u> | | | Y N On ___ Off ___ | |
| <u>Type of Test</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | <u>HIGH:</u> | <u>INTERM.</u> | <u>LOW</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: _____ | Test 1: _____ | Test 1: _____ | <u>595892.89</u> | <u>6012.02</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 1010 Tyburn TEST DATE: 7-26-23

OWNER: Farmdale Water

F.P.B. Co. # _____ MFG. # 74958278

-TESTERS/ EMPLOYEE # 261/261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|---------------------|--------------------------|---------------------|---------------------|------------------------|----------------------|
| <u>08-2012</u> | <u>5/8 x 3/4</u> | <u>Sensus E pool</u> | | | Y N On ___ Off ___ | |
| <u>Type of Test</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | <u>HIGH:</u> | <u>INTERM.</u> | <u>LOW</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: <u>98.61</u> | Test 1: <u>99.0</u> | Test 1: <u>99.6</u> | <u>601209.79</u> | <u>328.26</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT WATER METER INSPECTION & TEST REPORT

LOCATION: 132 Cedarcrest

TEST DATE: 7-26-23

OWNER: Farmdale water

F.P.B. Co. # _____

MFG. # 7495 2727

-TESTERS/ EMPLOYEE # 261/262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|-----------------------------|---------------------|------------------------|---------------------|----------------------|------------------------|----------------------|
| <u>08-2012</u> | <u>5/8 x 3/4</u> | <u>Sensus I per 1</u> | | | Y N On ___ Off ___ | |
| <u>Type of Test</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| <u>TEST RESULTS:</u> | | HIGH: | INTERM. | LOW | Before Reading | After Reading |
| | | Test 1: <u>98.58</u> | Test 1: <u>98.9</u> | Test 1: <u>10.12</u> | <u>216764.88</u> | <u>983.47</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 128 Cedar crest TEST DATE: 7-16-23

OWNER: Farmdale water

F.P.B. Co. # _____ MFG. # 74958275

-TESTERS/ EMPLOYEE # 261262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|---------------------|---|---|--|---|---------------------------------------|
| <u>08-2012</u> | <u>5/8 x 3/4</u> | <u>Sensus I per 1</u> | | | Y N On ___ Off ___ | |
| <u>Type of Test</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | <u>HIGH:</u> Test 1: <u>98.9</u> Test 2: _____ Test 3: _____ | <u>INTERM.</u> Test 1: <u>99.1</u> Test 2: _____ Test 3: _____ | <u>LOW</u> Test 1: <u>100.2</u> Test 2: _____ Test 3: _____ | <u>Before Reading</u> <u>202104.84</u> | <u>After Reading</u> <u>223.93</u> |

Comments:

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 1015 Tamworth

TEST DATE: 7-26-23

OWNER: Furmdale Water

F.P.B. Co. # _____

MFG. # 7495800

-TESTERS/ EMPLOYEE # 261/262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|----------------------|------------------------|---------------------|--------------------|------------------------|----------------------|
| <u>08-2012</u> | <u>7/8 x 3/4</u> | <u>Sensus I per 1</u> | | | Y N On ___ Off ___ | |
| Type of Test | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| <u>TEST RESULTS:</u> | <u>HIGH:</u> | | <u>INTERM.</u> | <u>LOW</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | Test 1: <u>98.51</u> | Test 1: <u>58.9</u> | Test 1: <u>99.1</u> | <u>464480.33</u> | <u>568.63</u> | |
| | Test 2: _____ | Test 2: _____ | Test 2: _____ | | | |
| | Test 3: _____ | Test 3: _____ | Test 3: _____ | | | |

Comments: _____

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 312 Bayer Patch TEST DATE: 7-26-23

OWNER: Fountaindale water

F.P.B. Co. # _____ MFG. # 74958314

-TESTERS/ EMPLOYEE # 261 / 262

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|---------------------|--------------------------------------|--|-----------------------------------|---|---------------------------------------|
| <u>08-2012</u> | <u>5/8 x 3/4</u> | <u>Sensus Ipeel</u> | | | Y N On ___ Off ___ | |
| Type of Test Field <u>Bench</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | <u>HIGH:</u> Test 1: <u>98.19</u> | <u>INTERM.:</u> Test 1: <u>98.2</u> | <u>LOW</u> Test 1: <u>99.4</u> | <u>Before Reading</u> <u>612775.32</u> | <u>After Reading</u> <u>893.27</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments: _____

Approved by: _____ Date: _____



WO #: 35057

1309 W Lexington Ave
 Suite 5
 Winchester, KY 40391
 859-744-7512
service@servspecllc.com

Flow Meter Validation Form

Customer: Farmdale Water Date: 4/9/2021
 Location: 151 Meter Service Tech: Joel

Meter Data

Make: Sensus Model #: Omni Meter T2
 Serial #: 82284142 Type: Impeller Tag:
 Input: n/a Output: n/a Cal: 1000 gpm
 Test Meter: Dynasonics DXNP-ATS-NN SN 139431 calibrated 10/23/2020
 Pipe Data: 4" DI Q 90 G 19 4 YB, used DTTR transducer Z mount at 2-7/16" spacing

Meter Tests

| # | Test Condition | Service Meter | | Test Meter | | Int. Min | Accu. % |
|---|----------------|---------------|--------|------------|------|----------|---------|
| | | Start | Stop | Start | Stop | | |
| 1 | as found | 140905 | 140906 | 102 | 1083 | | 98 |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |

Comments:

Recorded totalizers for comparisons exactly when service meter moved to new value. Service meter in 1000 gal increments.



WO #: 35057

1309 W Lexington Ave
 Suite 5
 Winchester, KY 40391
 859-744-7512
service@servspecllc.com

Flow Meter Validation Form

Customer: Farmdale Water Date: 4/9/2021
 Location: Running Brook Valve Site Service Tech: Joel

Meter Data

Make: Sensus Model #: Omni Meter T2
 Serial #: 75075667 Type: Impeller Tag:
 Input: n/a Output: n/a Cal: 1000 gpm
 Test Meter: Dynasonics DXNP-ATS-NN SN 139431 calibrated 10/23/2020
 Pipe Data: 4" DI Q 82 G 42 4 YB, used DTTR transducer V mount at 4" spacing

Meter Tests

| # | Test Condition | Service Meter | | Test Meter | | Int. Min | Accu. % |
|---|----------------|---------------|----------|------------|-------|----------|---------|
| | | Start | Stop | Start | Stop | | |
| 1 | as found | 91653219 | 91653219 | 221.4 | 16502 | | 98 |
| 2 | | | | | | | |
| 3 | SCADA | 91,680 | 91,680 | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |

Comments:

UNABLE TO VERIFY METER, METER NOT WORKING.



WO #: 35057

1309 W Lexington Ave
 Suite 5
 Winchester, KY 40391
 859-744-7512
service@servspcllc.com

Flow Meter Validation Form

Customer: Farmdale Water Date: 4/9/2021
 Location: South Benson Meter Service Tech: Joel

Meter Data

Make: Sensus Model #: Omni Meter T2
 Serial #: 8256220 Type: Impeller Tag:
 Input: n/a Output: n/a Cal: 1000 gpm
 Test Meter: Dynasonics DXNP-ATS-NN SN 139431 calibrated 10/23/2020
 Pipe Data: 4" DI Q 85 G 18 4 YB, used DTTR transducer Z mount at 2-7/16" spacing

Meter Tests

| # | Test Condition | Service Meter | | Test Meter | | Int. Min | Accu. % |
|---|----------------|---------------|--------|------------|------|----------|---------|
| | | Start | Stop | Start | Stop | | |
| 1 | as found | 134943 | 134944 | 3331 | 4341 | | 99 |
| 2 | as found | 134944 | 134945 | 4341 | 5344 | | 99 |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |

Comments:

Had to remove dirt from around pipe to create suitable place to mount transducers. Recorded totalizers for comparisons exactly when service meter moved to new value. Service meter in 1000 gal increments.

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 140 FOX TAIL

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 74957676

Reason for request: NOT Registering Properly

Chris Ralph

SR II

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 445511.23 445510.11 1.12% Standard 97.0-103.0%

Intermediate(2 GPM) 445508.96 445510.11 1.15% Standard 98.5-101.5%

High Flow(10 GPM) 445509.67 445508.96 0.71% Standard 98.5-101.5%

Register test 43 minutes at ~~100~~¹⁶ gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 320 Old Lawrenceburg Rd.

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 85612781

Reason for request: NOT Registering correctly

Chris Ralph

SR II

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 187073.33 187092.40 15.07% Standard 97.0-103.0%

Intermediate(2 GPM) 187092.40 187102.94 10.54% Standard 98.5-101.5%

High Flow(10 GPM) 187102.94 187203.38 100.44% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 500 NINEVAH Rd.

Date of request: _____ Phone Number: _____

Account Number: _____ Serial number: 83940561

Reason for request: NOT Registering Properly

Chris Ralph

SR II

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 289823.05 289837.79 14.74% Standard 97.0-103.0%

Intermediate(2 GPM) 289837.79 289848.21 10.42% Standard 98.5-101.5%

High Flow(10 GPM) 289648.21 289950.52 2.31% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 109 Adams Ln

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 6028 0054

Reason for request: DEAD METER

Chris Ruelph
Signed by member

SR II

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) _____ % Standard 97.0-103.0%

Intermediate(2 GPM) _____ % Standard 98.5-101.5%

High Flow(10 GPM) _____ % Standard 98.5-101.5%

Register test _____ minutes at _____ gallons per minute recorded per _____ gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 148 Adams Ln

Date of request: 3-27-24 Phone Number: _____

Account Number: _____ Serial number: 88527696

Reason for request: NOT Registering Properly

SR II

Chris Ralph

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 1058933.21 1058942.31 10.1% Standard 97.0-103.0%

Intermediate(2 GPM) 1058943.31 10589453.30 9.99% Standard 98.5-101.5%

High Flow(10 GPM) 1058953.30 1059052.13 9883% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 330 Avenstoke Rd.

Date of request: 3-27-24 Phone Number: _____

Account Number: _____ Serial number: 76633622

Reason for request: Dead meter

SR II

Chris Ralph

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) _____ % Standard 97.0-103.0%

Intermediate(2 GPM) _____ % Standard 98.5-101.5%

High Flow(10 GPM) _____ % Standard 98.5-101.5%

Register test _____ minutes at _____ gallons per minute recorded per _____ gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 1420 Green Wilson Rd

Date of request: _____ Phone Number: _____

Account Number: _____ Serial number: 74956326

Reason for request: NOT Registering Properly I PEARL

Chris Polp
Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 456022.20 456031.75 9.55% Standard 97.0-103.0%

Intermediate(2 GPM) 456031.23 456031.75 9.98% Standard 98.5-101.5%

High Flow(10 GPM) 4560411.75 456161.02 99.29% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 109 HARVEST MOON

Date of request: 3-27-24 Phone Number: _____

Account Number: _____ Serial number: 74956310

Reason for request: DEAD METER

I Pearl

Chris Ralph

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) _____ _____ % Standard 97.0-103.0%

Intermediate(2 GPM) _____ _____ % Standard 98.5-101.5%

High Flow(10 GPM) _____ _____ % Standard 98.5-101.5%

Register test _____ minutes at _____ gallons per minute recorded per _____ gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____ %

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.
Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 2238 Evergreen Rd.

Date of request: 3-27-24 Phone Number: _____

Account Number: _____ Serial number: 74957175

Reason for request: NOT Registering Properly

Chris Rolph
Signed by member

I Pearl

TEST RESULTS

| | Start Register Reading | End Register Reading | |
|---------------------|------------------------|----------------------|------------------------------------|
| Low Flow(1/4 GPM) | <u>405863.77</u> | <u>405893.51</u> | <u>10.20%</u> Standard 97.0-103.0% |
| Intermediate(2 GPM) | <u>405863.77</u> | <u>405875.75</u> | <u>9.98%</u> Standard 98.5-101.5% |
| High Flow(10 GPM) | <u>405873.75</u> | <u>405972.84</u> | <u>99.04%</u> Standard 98.5-101.5% |

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 212 Highwood Ave

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 74956393

Reason for request: NOT Registering Properly

Chris Rolph

I PEARL

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 8565.31.22 856542.99 11.77% Standard 97.0-103.0%

Intermediate(2 GPM) 856542.99 856553.06 10.07% Standard 98.5-101.5%

High Flow(10 GPM) 856553.06 856652.32 99.26% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District
100 Highwood Dr.
Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 2242 Evergreen Rd.

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 74967945

Reason for request: NOT Registering Properly

Chris Ralph
Signed by member

I Pearl

TEST RESULTS

| | Start Register Reading | End Register Reading | |
|---------------------|------------------------|----------------------|-------------------------------------|
| Low Flow(1/4 GPM) | <u>281163.84</u> | <u>281175.84</u> | <u>12</u> % Standard 97.0-103.0% |
| Intermediate(2 GPM) | <u>281175.84</u> | <u>281186.18</u> | <u>10.34</u> % Standard 98.5-101.5% |
| High Flow(10 GPM) | <u>281186.18</u> | <u>281285.42</u> | <u>99.24</u> % Standard 98.5-101.5% |

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____ %

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 121 Briarwood

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 74957519

Reason for request: NOT Registering Properly

Chris Ralph

I Pearl

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 366020.35 366021.09 .34% Standard 97.0-103.0%

Intermediate(2 GPM) 366019.15 366020.35 1.2% Standard 98.5-101.5%

High Flow(10 GPM) 366019.35 366019.5 0.2% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 2191 MILLS LN.

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 85874570

Reason for request: NOT Registering Properly

Chris Ralph

IPEARL

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 357657.43 357672.24 14.81% Standard 97.0-103.0%

Intermediate(2 GPM) 35682.75 357672.24 10.51% Standard 98.5-101.5%

High Flow(10 GPM) 357782.66 357682.75 99.91% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 1878 CARDWELL LN

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 74956280

Reason for request: NOT Registering Properly

Chris Ralph

IPearl

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 425935.78 425951.02 15.24% Standard 97.0-103.0%

Intermediate(2 GPM) 425951.02 425961.25 10.21% Standard 98.5-101.5%

High Flow(10 GPM) 425961.33 426061.46 100.13% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved

Farmdale Water District

100 Highwood Dr.

Frankfort Ly, 40601

METER TEST AUTHORIZATION AND TEST REPORT

Name: _____

Address: 182 WASH Rd.

Date of request: 3-26-24 Phone Number: _____

Account Number: _____ Serial number: 74957260

Reason for request: NOT REGISTERING PROPERLY

Chris Ralph

I Pearl

Signed by member

TEST RESULTS

Start Register Reading End Register Reading

Low Flow(1/4 GPM) 210412.34 210422.36 9.93% Standard 97.0-103.0%

Intermediate(2 GPM) 210422.36 210433.03 10.67% Standard 98.5-101.5%

High Flow(10 GPM) 210433.03 210531.73 98.7% Standard 98.5-101.5%

Register test 43 minutes at 16 gallons per minute recorded per 100 gal.

Meter test accurately: no adjustments due.

Meter test high: adjustment due on water charges by _____%

Meter test low: no adjustment due.

Test conducted by _____ Approved



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 2238 Evergreen Rd. TEST DATE: 3-27-24

OWNER: Farmdale Water Dis.

F.P.B. Co. # 74957175 MFG. # Same

-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|----------------------|------------------------|---------------------|--------------------|------------------------|----------------------|
| | <u>5/8</u> | <u>Sensus Pit</u> | | | Y N On ___ Off ___ | |
| Type of Test | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | <u>HIGH: 16</u> | | <u>INTERM. 2</u> | | <u>LOW 1/4</u> | |
| | Test 1: <u>99.09</u> | | Test 1: <u>9.98</u> | | Test 1: <u>10.26</u> | |
| | Test 2: _____ | | Test 2: _____ | | Test 2: _____ | |
| | Test 3: _____ | | Test 3: _____ | | Test 3: _____ | |
| | | | | | <u>Before Reading</u> | <u>After Reading</u> |

Comments:

10gal Low 405860.77 - 405850.51 = 10.26 1/4 GPM
 10gal Int. 405873.75 - 405863.77 = 9.98 2 GPM
 100gal High 405972.84 - 405873.75 = 99.09 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT WATER METER INSPECTION & TEST REPORT

LOCATION: 109 Harvestmoon TEST DATE: 3-27-24

OWNER: Farmdale Water Dis.

F.P.B. Co. # 74956310 MFG. # Same

-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|---------------------|------------------------|------------------|--------------------|------------------------|----------------------|
| | <u>5/8</u> | <u>Sensas pir1</u> | | | Y N On__ Off__ | |
| Type of Test Field <u>Bench</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ |
| TEST RESULTS: | | <u>HIGH: 16</u> | <u>INTERM. 2</u> | <u>LOW 14</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: _____ | Test 1: _____ | Test 1: _____ | | |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

low

Dead

Int

High

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: N/A 1420 Green Wilson TEST DATE: 3-27-24

OWNER: Farmdale water Dis

F.P.B. Co. # 24956326

MFG. # Sam e

-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|---------------------|-------------------------|---------------------|---------------------|------------------------|----------------------|
| | <u>5/8</u> | <u>Senses pin 1</u> | | | Y N On ___ Off ___ | |
| Type of Test | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field <u>Bench</u> | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | <u>HIGH: 16</u> | <u>INTERM. 2</u> | <u>LOW 1/4</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: <u>99.29</u> | Test 1: <u>9.98</u> | Test 1: <u>2.05</u> | | |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

10gal Low 456031.75 - 456022.20 = 9.55 1/4 Gpm
 10gal Int. 456041.73 - 456031.75 = 9.98 2 Gpm
 100gal High 456141.02 - 456041.73 = 99.29 16 Gpm

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 212 Highway TEST DATE: 3-26-24

OWNER: Farmdale water Dis

F.P.B. Co. # 74956393

MFG. # Same

-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|-----------------------------|----------------------------------|-------------------------------------|-------------------------------|----------------------------|-------------------------------------|-------------------------------|
| <u>8-2012</u> | <u>5/8</u> | <u>Sensus Per1</u> | | | Y N On___ Off___ | |
| Type of Test Field Bench | <u>Water in pit</u> Y___ N___ | <u>Electric in pit</u> Y___ N___ | <u>Sump Pump</u> Y___ N___ | <u>Ladder</u> Y___ N___ | <u>Valves Operable</u> Y___ N___ | <u>Pit clean</u> Y___ N___ |
| TEST RESULTS: | | <u>HIGH: 16</u> | <u>INTERM. 2</u> | <u>LOW 1/4</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: <u>99.26</u> | Test 1: <u>10.07</u> | Test 1: <u>11.77</u> | <u>856531.22</u> | <u>856553.06</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | _____ | _____ |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | _____ | _____ |

Comments:

10gal Low $856531.22 - 856542.99 = 11.77$ 1/4 GPM
 10gal Int. $856553.06 - 856542.99 = 10.07$ 2 GPM
 100gal High $856652.72 - 856553.06 = 99.26$ 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT WATER METER INSPECTION & TEST REPORT

LOCATION: _____

TEST DATE: 3-26-24OWNER: Farmdale water Dis.F.P.B. Co. # 60280054MFG. # Some-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|---------------------|------------------------|------------------|--------------------|------------------------|----------------------|
| | <u>3/8</u> | <u>Seas43 SRT</u> | | | Y N On__ Off__ | |
| <u>Type of Test</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field Bench | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ |
| <u>TEST RESULTS:</u> | | <u>HIGH:</u> | <u>INTERM.</u> | <u>LOW</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: <u>0</u> | Test 1: <u>0</u> | Test 1: <u>0</u> | <u>3349390.9</u> | <u>3349390.3</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | _____ | _____ |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | _____ | _____ |

Comments:

Dead
Broken Bottom

1/4 GPM
2 GPM
16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 2242 Evergreen Rd.TEST DATE: 3-26-24OWNER: Farmdale Water Dis.F.P.B. Co. # 7496 7945MFG. # Same-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|--------------|--------------------|-----------------|--------------------|---------------------|------------------|
| 8-2012 | 5/8 | Stansco Perl | | | Y N On___ Off___ | |
| Type of Test | Water in pit | Electric in pit | Sump Pump | Ladder | Valves Operable | Pit clean |
| Field Bench | Y___ N___ | Y___ N___ | Y___ N___ | Y___ N___ | Y___ N___ | Y___ N___ |
| TEST RESULTS: | | HIGH: 16 | INTERM. 2 | LOW 1/4 | Before Reading | After Reading |
| | | Test 1: 99.24 | Test 1: 10.34 | Test 1: 12 | 281163.84 | 281186.18 |
| | | Test 2: | Test 2: | Test 2: | | |
| | | Test 3: | Test 3: | Test 3: | | |

Comments:

10gal Low $281163.84 - 281175.84 = 12$ 1/4 GPM
 10gal Int $281186.18 - 281175.84 = 10.34$ 2.6 GPM
 100gal High $281285.42 - 281186.18 = 99.24$ 16.6 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT WATER METER INSPECTION & TEST REPORT

LOCATION: Ninivan Rd. TEST DATE: 3-26-24

OWNER: Farmdale water Dis.

F.P.B. Co. # 83940561 MFG. # Same

-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|---------------------|------------------------|----------------------|----------------------|------------------------|----------------------|
| <u>10-2017</u> | <u>5/8</u> | <u>Sensus SRT</u> | | | Y N On__ Off__ | |
| <u>Type of Test</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| Field Bench | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ | Y__ N__ |
| TEST RESULTS: | | <u>HIGH: 16</u> | <u>INTERM. 2</u> | <u>LOW 1/4</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: <u>2.31</u> | Test 1: <u>10.42</u> | Test 1: <u>14.74</u> | <u>289823.05</u> | <u>289950.52</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | _____ | _____ |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | _____ | _____ |

Comments:

10gal Low $289823.05 - 289837.79 = 14.74$ 1/4 GPM
 10gal Int $289648.21 - 289837.79 = 10.42$ 2 GPM
 100gal High $289950.52 - 289648.21 = 2.31$ 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT
WATER METER INSPECTION & TEST REPORT

LOCATION: 1878 Cardwell Ln.

TEST DATE: 3-26-24

OWNER: Farmdale Water Dis.

F.P.B. Co. # 74956280

MFG. # Same

-TESTERS/ EMPLOYEE # _____

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|----------------------|--------------|-----------------------|----------------------|----------------------|---------------------|------------------|
| <u>8-10-12</u> | <u>5/8</u> | <u>Sen Sus Per1</u> | | | Y N On___ Off___ | |
| Type of Test | Water in pit | Electric in pit | Sump Pump | Ladder | Valves Operable | Pit clean |
| Field <u>Bench</u> | Y___ N___ | Y___ N___ | Y___ N___ | Y___ N___ | Y___ N___ | Y___ N___ |
| TEST RESULTS: | | HIGH: <u>16</u> | INTERM. <u>2</u> | LOW <u>1/4</u> | Before Reading | After Reading |
| | | Test 1: <u>100.13</u> | Test 1: <u>10.21</u> | Test 1: <u>15.24</u> | <u>425935.78</u> | <u>425961.33</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

10gal Low $425935.78 - 425951.02 = 15.24$ 1/4 GPM
 10gal Int $425961.23 - 425951.02 = 10.21$ 2 GPM
 100gal High $426061.46 - 425961.33 = 100.13$ 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT
WATER METER INSPECTION & TEST REPORT

LOCATION: 182 Wash Rd

TEST DATE: 3-26-24

OWNER: Farmdale Water Dis

F.P.B. Co. # 24957260

MFG. # Sgmc

-TESTERS/ EMPLOYEE # _____

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|-----------------------------|--------------------------------|--------------------------|-----------------------|--------------------------------|--------------------------|
| 8-20-12 | 5/8 | Sensus Per1 | | | Y N On ___ Off ___ | |
| Type of Test Field <u>Bench</u> | Water in pit Y ___ N ___ | Electric in pit Y ___ N ___ | Sump Pump Y ___ N ___ | Ladder Y ___ N ___ | Valves Operable Y ___ N ___ | Pit clean Y ___ N ___ |
| TEST RESULTS: | HIGH: <u>16</u> | | INTERM. <u>2</u> | LOW <u>1/4</u> | Before Reading | After Reading |
| | Test 1: <u>98.7</u> | | Test 1: <u>10.67</u> | Test 1: <u>9.93</u> | <u>210412.34</u> | <u>210531.73</u> |
| | Test 2: _____ | | Test 2: _____ | Test 2: _____ | _____ | _____ |
| | Test 3: _____ | | Test 3: _____ | Test 3: _____ | _____ | _____ |

Comments:

10gal Low 210412.34 - 210422.36 = 9.93 1/4 GPM
 10gal Int. 210433.03 - 210422.36 = 10.67 2 GPM
 100gal High 210531.73 210433.03 = 98.7 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 121 BearwoodTEST DATE: 3-26-24OWNER: Farmdale Water D.SF.P.B. Co. # 74957519MFG. # Same

-TESTERS/ EMPLOYEE # _____

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|---------------------|------------------------|--------------------|--------------------|------------------------|----------------------|
| <u>8-20-12</u> | <u>7/8</u> | <u>Sen 545 Per 1</u> | | | Y N On ___ Off ___ | |
| Type of Test Field <u>Bench</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | <u>HIGH: 16</u> | <u>INTERM. 2</u> | <u>LOW 44</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | Test 1: <u>0.2</u> | Test 1: <u>1.2</u> | Test 1: <u>.34</u> | <u>366021.09</u> | <u>366019.35</u> | |
| | Test 2: _____ | Test 2: _____ | Test 2: _____ | _____ | _____ | |
| | Test 3: _____ | Test 3: _____ | Test 3: _____ | _____ | _____ | |

Comments:

10gal Low $366021.09 - 366020.35 = .34$ 14 GPM
 10gal Inter. $366019.15 - 366020.35 = 1.2$ 26 GPM
 100gal High $366019.35 - 366019.5 = 0.2$ 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT WATER METER INSPECTION & TEST REPORT

LOCATION: 320 Old L Burg Rd. TEST DATE: 3-26-24

OWNER: Farmdale water Dis

~~FPB~~ Co. # 85612781

MFG. # Same

-TESTERS/ EMPLOYEE # _____

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|---|-----------------------------|--------------------------------|--------------------------|-----------------------|--------------------------------|--------------------------|
| 8-2012 | 5/8 | SENSIS SR# | | | Y N On ___ Off ___ | |
| Type of Test Field Bench | Water in pit Y ___ N ___ | Electric in pit Y ___ N ___ | Sump Pump Y ___ N ___ | Ladder Y ___ N ___ | Valves Operable Y ___ N ___ | Pit clean Y ___ N ___ |
| TEST RESULTS: | HIGH: 16 | INTERM. 2 | LOW 1/4 | Before Reading | After Reading | |
| | Test 1: <u>100.44</u> | Test 1: <u>10.54</u> | Test 1: <u>15.07</u> | <u>187077.33</u> | <u>187203.28</u> | |
| | Test 2: _____ | Test 2: _____ | Test 2: _____ | | | |
| | Test 3: _____ | Test 3: _____ | Test 3: _____ | | | |

Comments:

10gal Low $187077.33 - 187092.40 = 15.07$ 1/4 GPM
 10gal FWT $187102.94 - 187092.70 = 10.54$ 2 GPM
 100gal High $187203.28 - 187102.94 = 100.44$ 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 2191 Mills Ln. TEST DATE: 3-26-24

OWNER: Farmdale water Dis.

F.P.B. Co. # 85874570 MFG. # Same

-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|---------------------|-------------------------|----------------------|----------------------|------------------------|------------------|
| <u>10-2012</u> | <u>5/8</u> | <u>Gen 545 SRFF</u> | | <u>N/A</u> | Y N On ___ Off ___ | |
| Type of Test Field <u>Bench</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | HIGH: <u>16</u> | INTERM: <u>2</u> | LOW: <u>1/4</u> | Before Reading | After Reading |
| | | Test 1: <u>99.91</u> | Test 1: <u>10.51</u> | Test 1: <u>14.81</u> | <u>357657.43</u> | <u>357782.66</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | _____ | _____ |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | _____ | _____ |

Comments:

Low
 10gal $357657.43 - 357672.24 = 14.81$ 1/4 GPM
 10gal Int $35482.75 - 357672.24 = 10.51$ 2 GPM
 100gal High $357782.66 - 357682.75 = 99.91$ 16 GPM

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT

WATER METER INSPECTION & TEST REPORT

LOCATION: 140 Foy Tail TEST DATE: 3-26-24

OWNER: Farmdale Water Dis.

F.P.B. Co. # 74952676 MFG. # Same

-TESTERS/ EMPLOYEE # _____

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|------------------------------------|---------------------|--------------------------|---------------------|---------------------|------------------------|------------------|
| <u>8-2012</u> | <u>5/8</u> | <u>Sensas Pier 1</u> | | | Y N On ___ Off ___ | |
| Type of Test Field <u>Bench</u> | <u>Water in pit</u> | <u>Electric in pit</u> | <u>Sump Pump</u> | <u>Ladder</u> | <u>Valves Operable</u> | <u>Pit clean</u> |
| | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ | Y ___ N ___ |
| TEST RESULTS: | | HIGH: <u>16</u> | INTERM. <u>2</u> | LOW <u>1/4</u> | Before Reading | After Reading |
| | | Test 1: <u>.71</u> | Test 1: <u>6.15</u> | Test 1: <u>1.12</u> | <u>445511.23</u> | <u>445509.67</u> |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | | |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | | |

Comments:

10gal Low $445511.23 - 445510.11 = 1.12$ 1/4 Gpm

10gal Int. $445508.96 - 445510.11 = 1.15$ 2 Gpm

100gal High $445509.67 - 445508.96 = .71$ 16 Gpm

Approved by: _____ Date: _____



F.P.B. COLD WATER METER DEPARTMENT WATER METER INSPECTION & TEST REPORT

LOCATION: 330 Avenue 12e TEST DATE: 3-27-24

OWNER: Farmdale water D.s

F.P.B. Co. # 76633622 MFG. # Same

-TESTERS/ EMPLOYEE # 261

| Date installed | Meter size | Meter brand & type | Length of meter | Length of strainer | Bypass | Air Quality Test |
|---|------------------------------------|---------------------------------------|---------------------------------|------------------------------|---------------------------------------|---------------------------------|
| | <u>5/8</u> | <u>Sesex SR II</u> | | | Y N On ___ Off ___ | |
| <u>Type of Test</u> Field <u>Bench</u> | <u>Water in pit</u> Y ___ N ___ | <u>Electric in pit</u> Y ___ N ___ | <u>Sump Pump</u> Y ___ N ___ | <u>Ladder</u> Y ___ N ___ | <u>Valves Operable</u> Y ___ N ___ | <u>Pit clean</u> Y ___ N ___ |
| <u>TEST RESULTS:</u> | | <u>HIGH: 16</u> | <u>INTERM. 2</u> | <u>LOW 1/4</u> | <u>Before Reading</u> | <u>After Reading</u> |
| | | Test 1: _____ | Test 1: _____ | Test 1: _____ | _____ | _____ |
| | | Test 2: _____ | Test 2: _____ | Test 2: _____ | _____ | _____ |
| | | Test 3: _____ | Test 3: _____ | Test 3: _____ | _____ | _____ |

Comments:

Dead

low
Int
High

Approved by: _____ Date: _____

**QUARTERLY METER REPORT
TO THE KENTUCKY PUBLIC SERVICE COMMISSION**

GENERAL INFORMATION

| | | | |
|------------------|--------------------------------|----------------|----------------------------|
| NAME OF UTILITY | <u>Farmdale Water District</u> | QUARTER | <u>(1) January - March</u> |
| ADDRESS | <u>100 Highland Dr</u> | TEST YEAR | <u>2024</u> |
| CITY, STATE, ZIP | <u>Frankfort, KY 40601</u> | DATE SUBMITTED | <u>March 18, 2024</u> |

METER STATISTICS

| CUSTOMER TYPE | METERED | NON-METERED | TOTAL |
|---------------|-------------|-------------|-------------|
| RESIDENTIAL | 2613 | 0 | 2613 |
| COMMERCIAL | 149 | 0 | 149 |
| INDUSTRIAL | 0 | 0 | 0 |
| OTHER | 0 | 0 | 0 |
| TOTALS | 2762 | 0 | 2762 |

| STATUS OF METER TEST PROGRAM | QUANTITY |
|---------------------------------------|-----------|
| METERS TO BE TESTED THIS YEAR | 100 |
| METERS TESTED THIS YEAR (TO DATE) | 20 |
| METERS STILL TO TEST THIS YEAR | 80 |

METER TESTING

| YEARS SINCE METER WAS LAST TESTED | METER TEST RESULTS | | | | METERS TESTED | METERS NOT TESTED |
|--------------------------------------|--------------------|--------------|---------------|---------------|------------------|----------------------|
| | WITHIN ±2% | > 2% FAST | > 2% SLOW | NR* | | |
| NEW - 5 YEARS | 23 | 0 | 12 | 4 | 39 | 19 |
| 5 - 8 YEARS | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 YEARS | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 YEARS | 0 | 0 | 0 | 0 | 0 | 0 |
| 10+ YEARS | 4 | 0 | 2 | 4 | 10 | 2579 |
| UNKNOWN | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 27 | 0 | 14 | 8 | 49 | 2598 |
| PERCENT | 55.10% | 0.00% | 28.57% | 16.33% | 1.85% | 98.15% |

* Non-Registering

| | |
|---|-----------------------|
| PERIODIC METER TEST PROGRAM | |
| CASE NUMBER and/or SAMPLE METHOD PLAN | Change Out |
| METERS REMOVED FROM SERVICE AND TESTED THIS QUARTER | 10 |
| NEW SERVICE CONNECTIONS (METERS) INSTALLED THIS QUARTER | 13 |
| TOTAL METERS TESTED THIS QUARTER | 49 |
| UTILITY OR APPROVED AGENCY DOING METER TESTING | Frankfort Plant Board |
| METERS THAT TEST MORE THAN 2% FAST OR 2% SLOW | REFURBISH & REUSE |

CUSTOMER AND REFUND INFORMATION

| | |
|---|--------|
| NUMBER OF TESTS MADE AT CUSTOMER'S REQUEST | 0 |
| NUMBER OF TESTS MADE AT COMMISSION'S REQUEST | 0 |
| NUMBER OF METERS ON WHICH REFUNDS WERE MADE | 0 |
| TOTAL AMOUNT OF REFUNDS MADE DURING THIS QUARTER | \$0.00 |
| NUMBER OF CUSTOMERS BILLED FOR SLOW METERS | 0 |
| TOTAL AMOUNT BILLED ON SLOW METERS | \$0.00 |
| NUMBER OF CUSTOMERS BILLED FOR NON-REGISTERING METERS | 0 |
| TOTAL AMOUNT BILLED ON NON-REGISTERING METERS | \$0.00 |

METER TESTING INFORMATION APPROVED BY:

SIGNED Chris Ralph
TITLE Manager

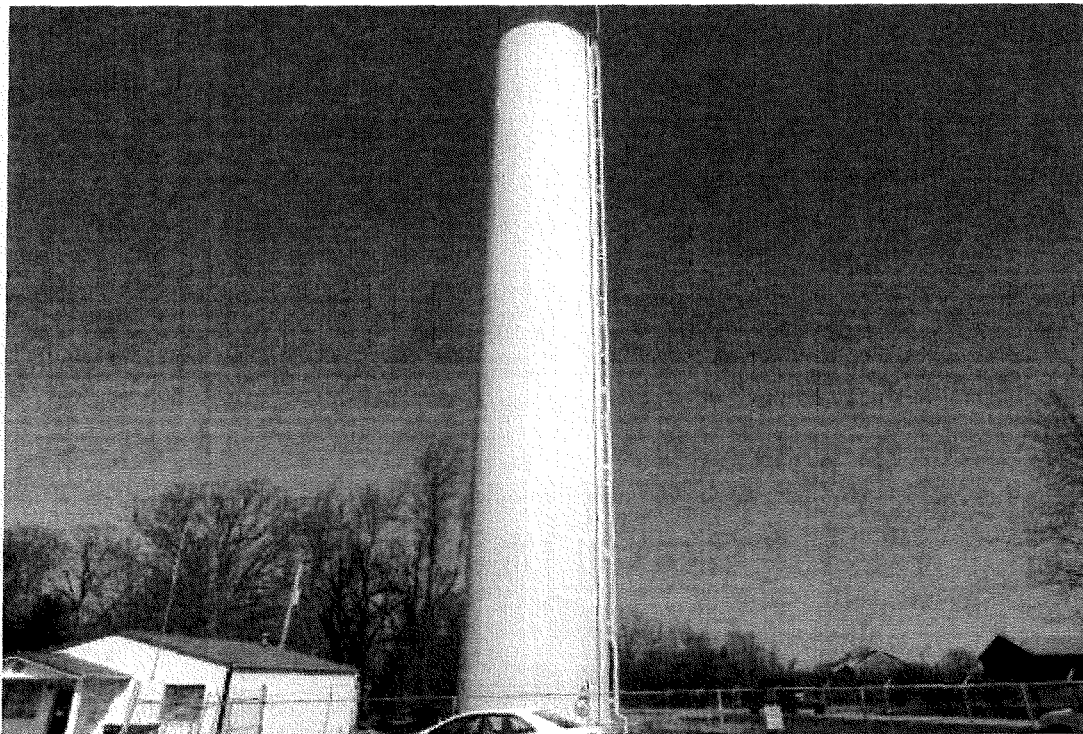
CUSTOMER & REFUND INFORMATION APPROVED BY:

SIGNED Jan Sanders
TITLE Office Mgr

**PITTSBURG
TANK & TOWER
GROUP**

MAINTENANCE DIVISION Since 1919

1 Watertank Place
PO Box 1849
Henderson, KY 42419
P: (270) 826-9000
F: (270) 767-6912
www.pttg.com



**Farmdale Water District
100 Highwood Drive
Frankfort, KY 40601
RE: Frankfort, KY
223,000 Gallon STP
March 22, 2018
Mr. David Robinson
Water Superintendent
(502) 223-3562
Job No. 318079**

If you would like to speak with Patrick Heltsley concerning this report, call (270) 826-9000, Ext. 4601

For additional copies of this report call (270) 826-9000, Ext. 4601

Paint • Repair • Dismantle • Inspect • Reinsulate • Tanks Raised, Lowered, and Moved
New and Used Tanks

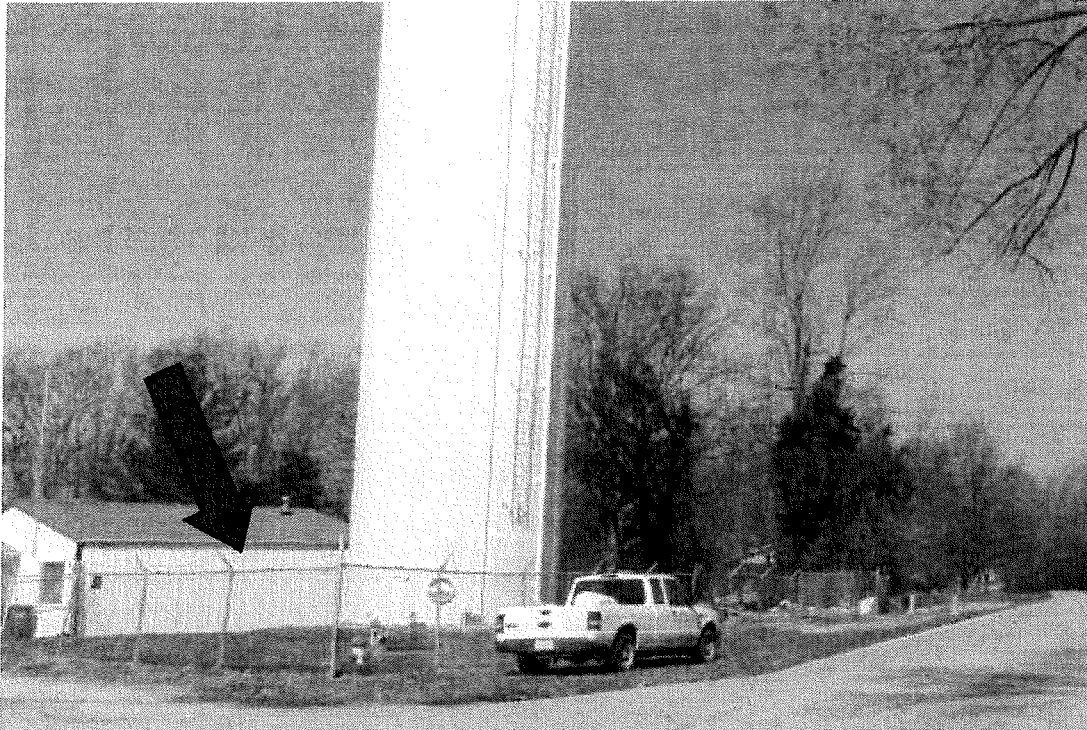
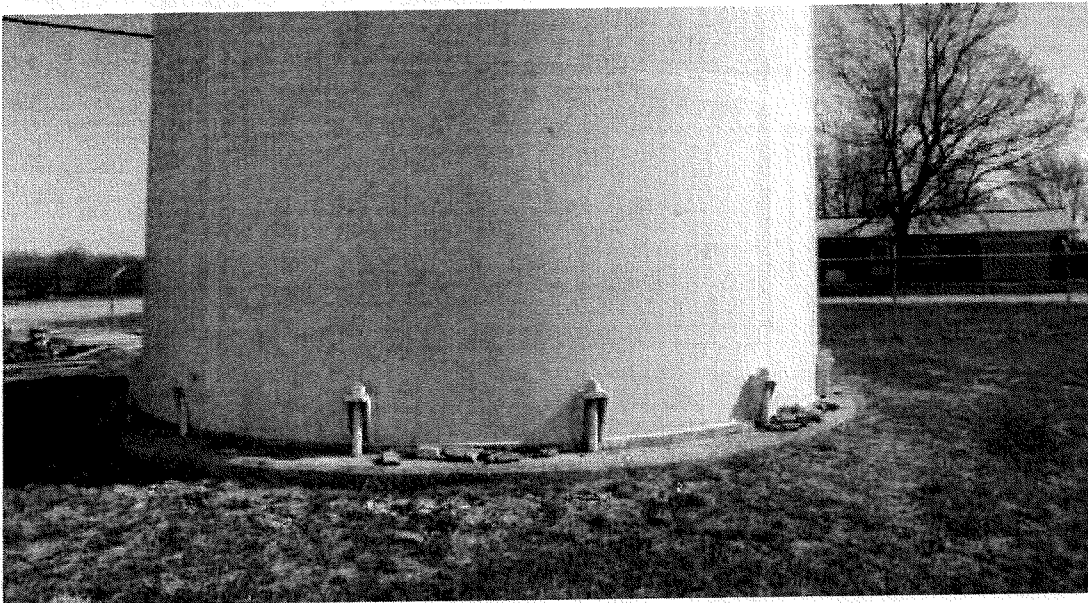
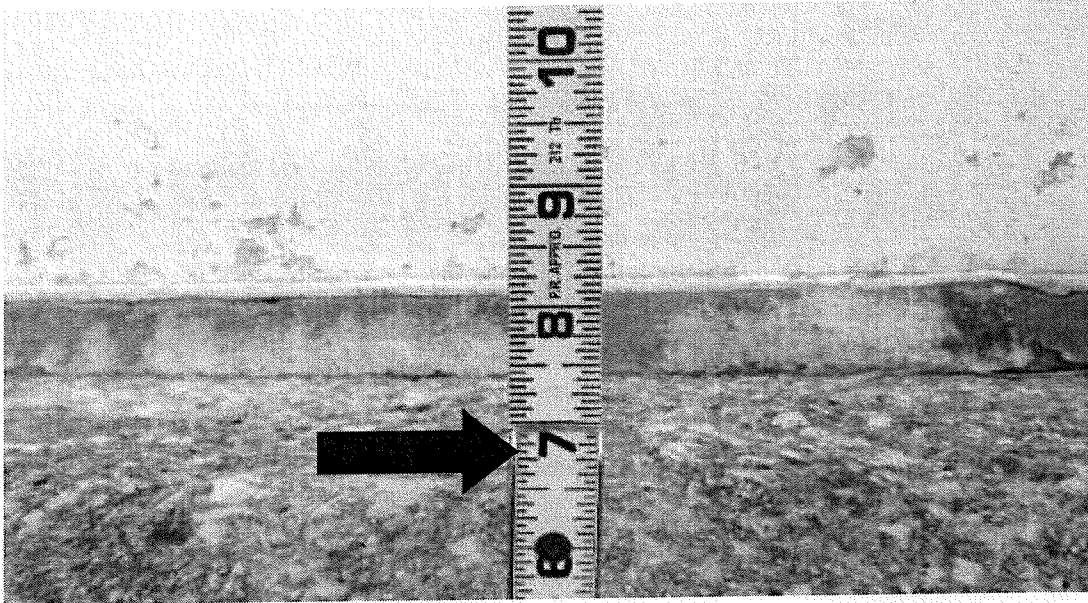


Photo shows the tank is secured with fencing. There is no signage on the fence. We recommend posting a **Warning, Tampering With This Facility is a Federal Offense** (US code title 42, section 300i-1) sign and a **No Trespassing** sign.



Photos show the area around the tank foundation is properly graded and in compliance with AWWA D100-11; 12.7.1: Height aboveground.

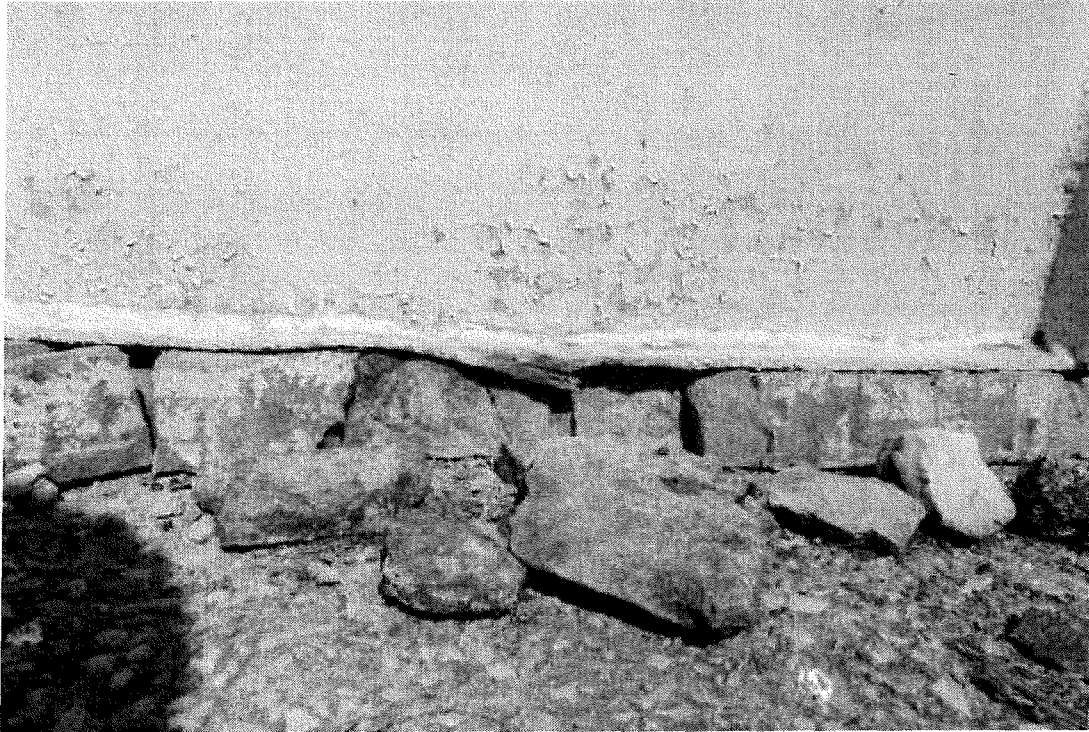


Photo shows the condition of the foundation. We recommend repairing any cracks and spalling in the concrete with a commercial non-shrinking grout, re-grouting around the base of the tank to foundation connection to prevent water from entering under the tank, then sealing the foundation with a sealant.

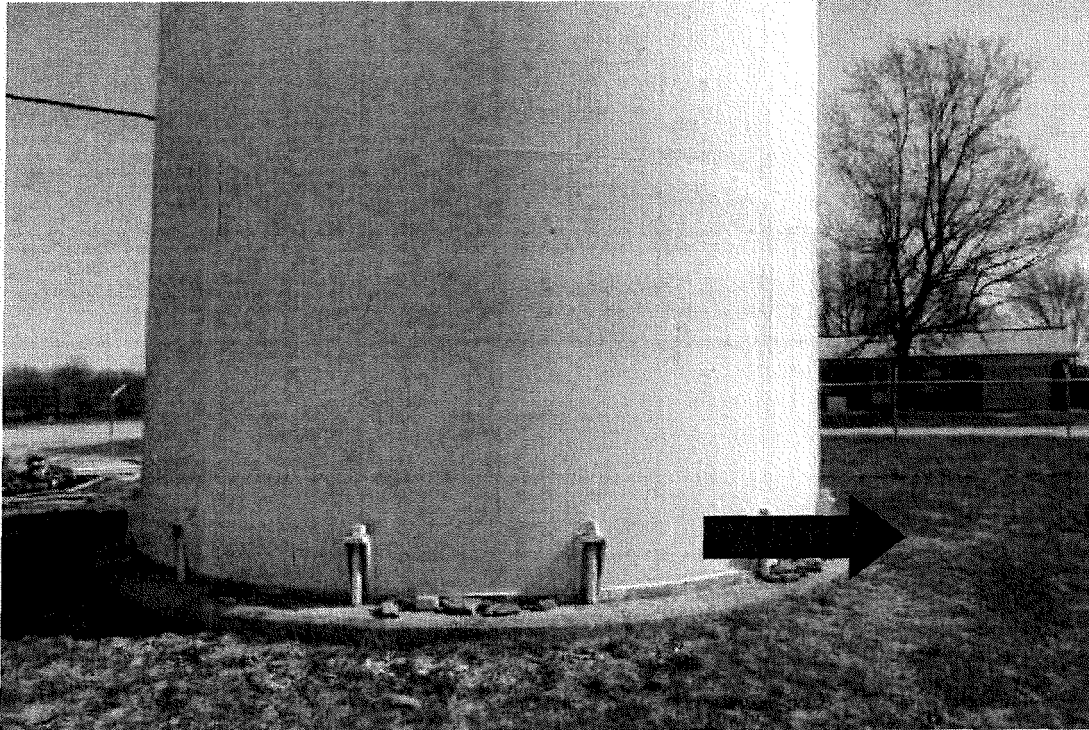


Photo shows the tank foundation. We recommend electrically grounding the tank for lightning protection as required by OSH Act of 1970 Section 5.

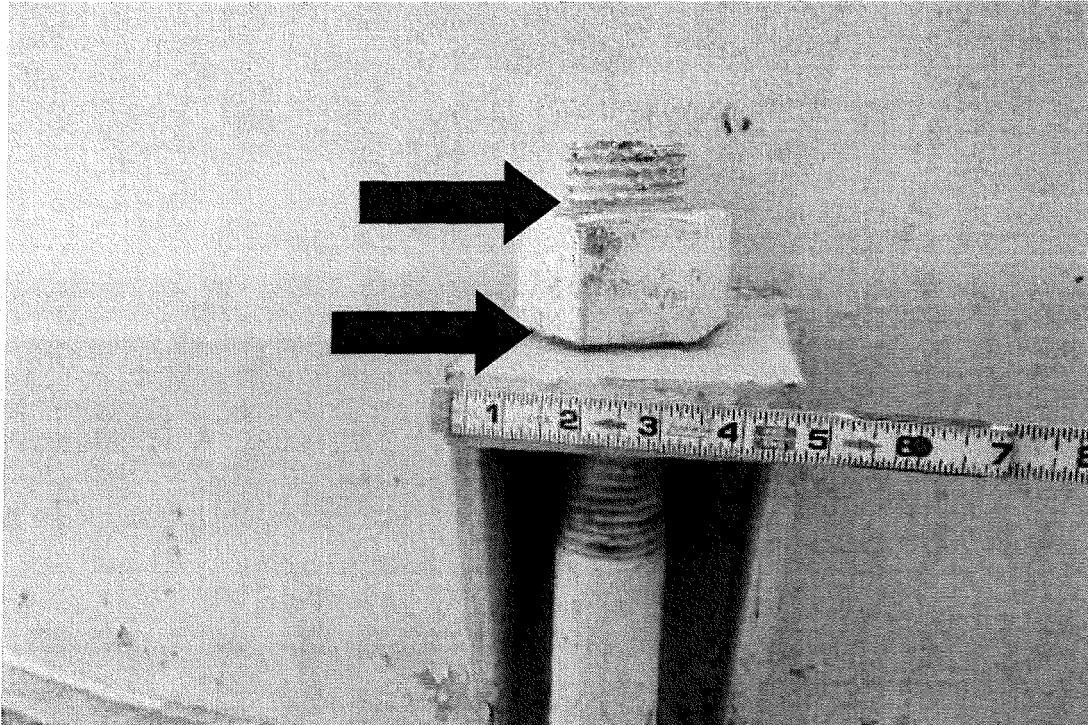


Photo shows the condition of one (1) of the sixteen (16) anchor bolts. AWWA D100-11; 3.8.1.1: Required anchorage states, "For ground-supported flat-bottom reservoirs and standpipes, mechanical anchorage shall be provided when the wind or seismic loads exceed the limits for self-anchored tanks." We recommend cleaning the area around the anchor bolts, tightening the anchor nuts to specifications, then tack welding the circumference of the nut-to-base plate connections and tack welding the bolt-to-nut connections for preventive maintenance.

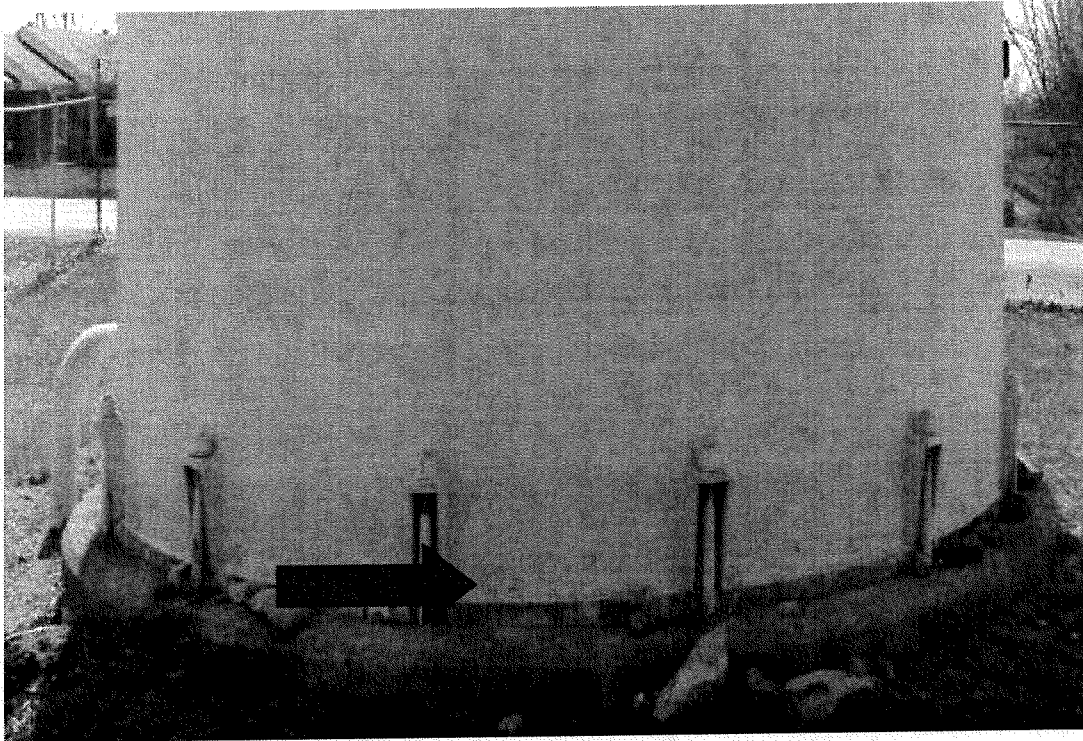


Photo shows the condition of the shell. Currently there is no drain valve. We recommend installing a frost proof drain valve near the shell-to-floor connection, complete with a locking device to prevent unauthorized draining of the tank and a splash pad to direct water away from the foundation.

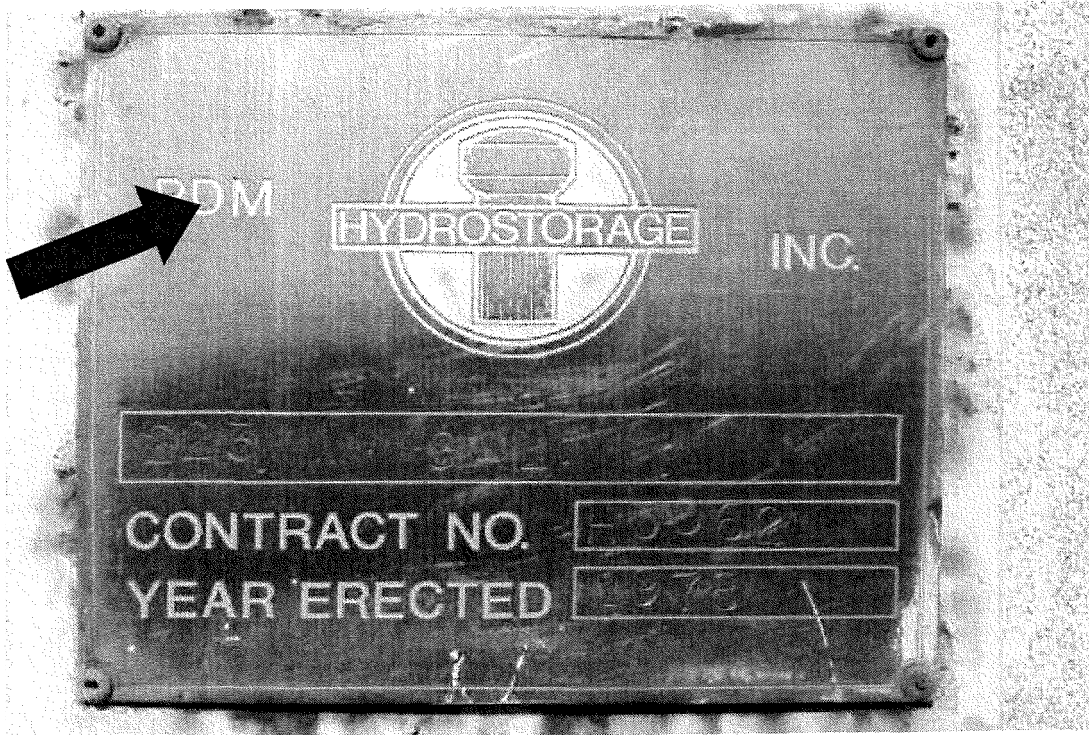
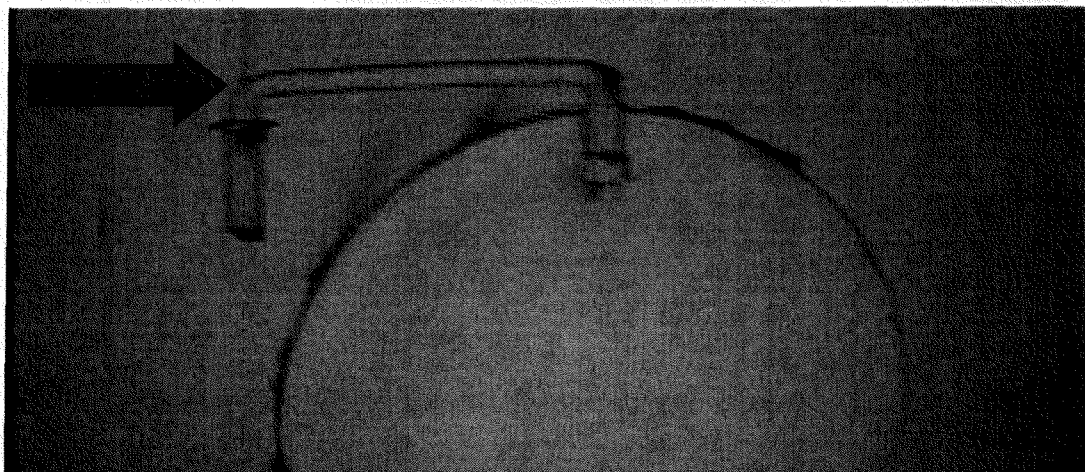
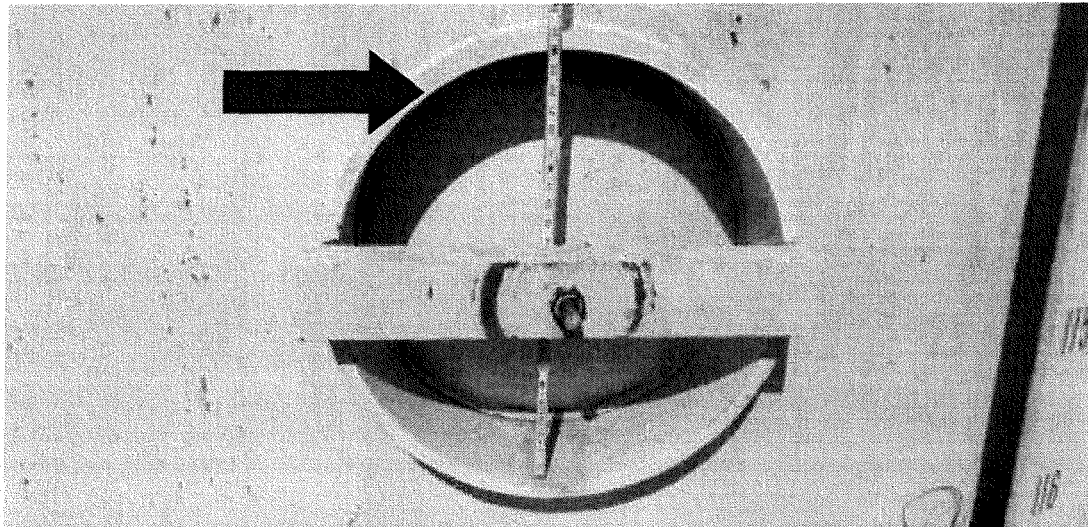


Photo shows the tank nameplate, which appears to be in good condition.



Photos show the condition of the existing 24" shell manway. Notice the interior davit arm. AWWA D100-11; 7.4.4: Shell manholes states, "Two shell manholes shall be provided in the first ring of the tank shell. If any access cover weighs more than 50 lbs. (22.7 kg), a hinge or davit shall be provided. At least one manhole shall be circular with a minimum diameter of 30" (760 mm)." The following is required for the tank to be in compliance with AWWA D100-11; 7.4.4: Shell manholes and OSHA 1910.146(c)(2) Confined spaces.

We recommend:

- Install 30" secondary shell manway 180° from primary manway
- Post **Confined Space Entry** signs
- Install maintenance free galvanized steel bolts

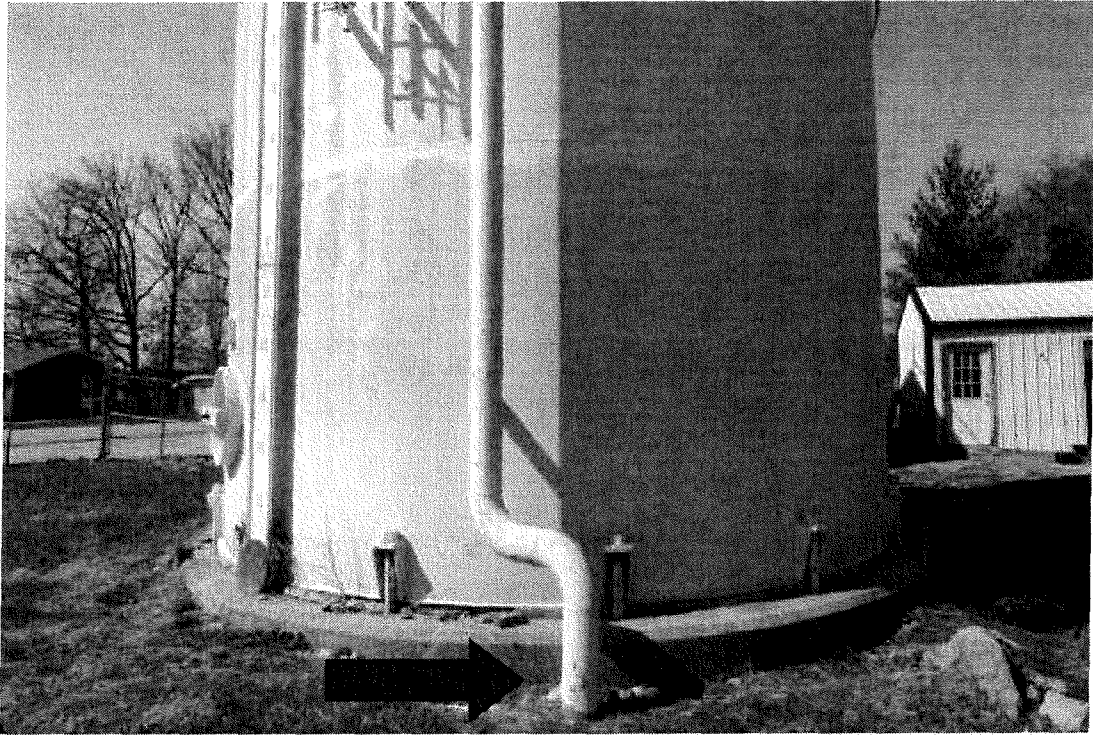
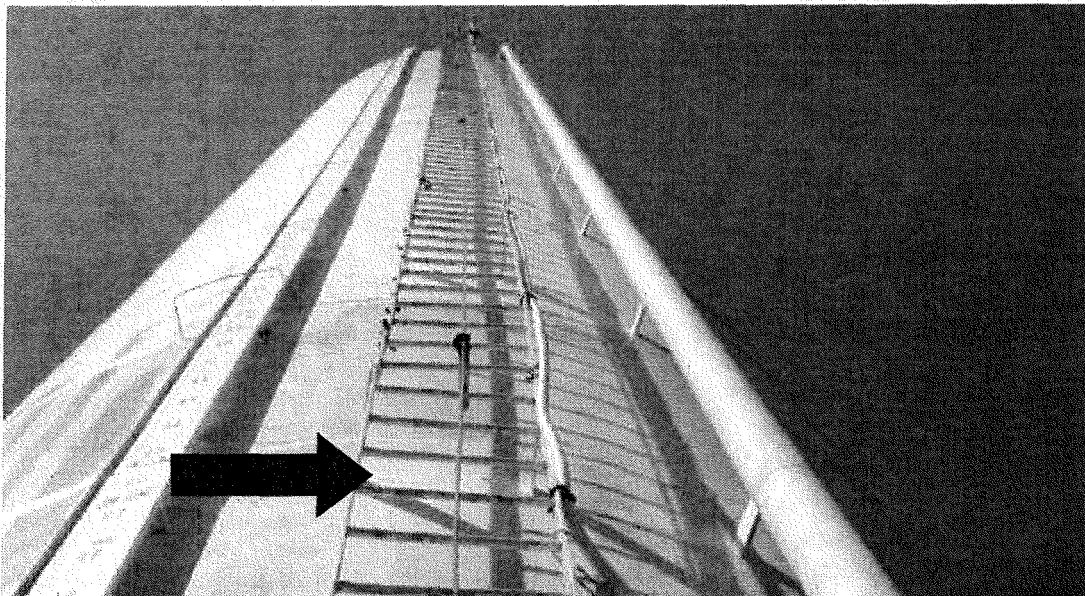
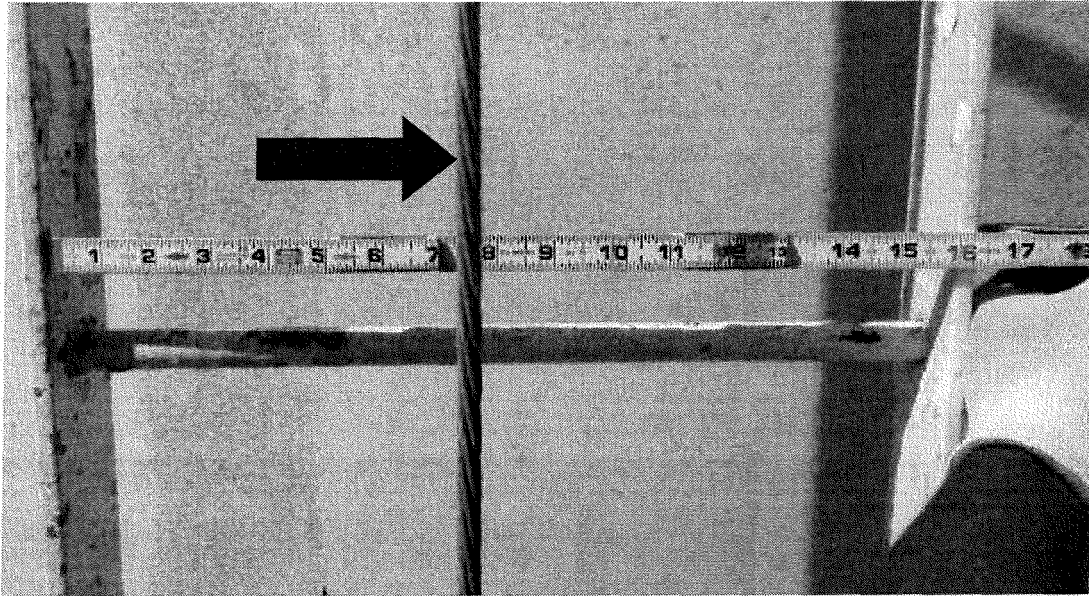
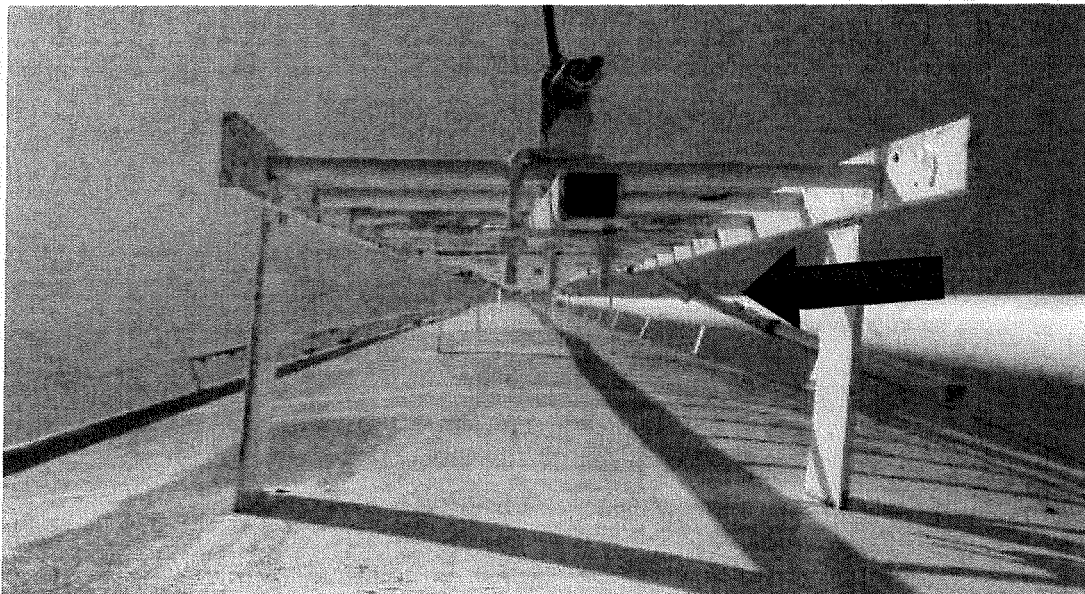
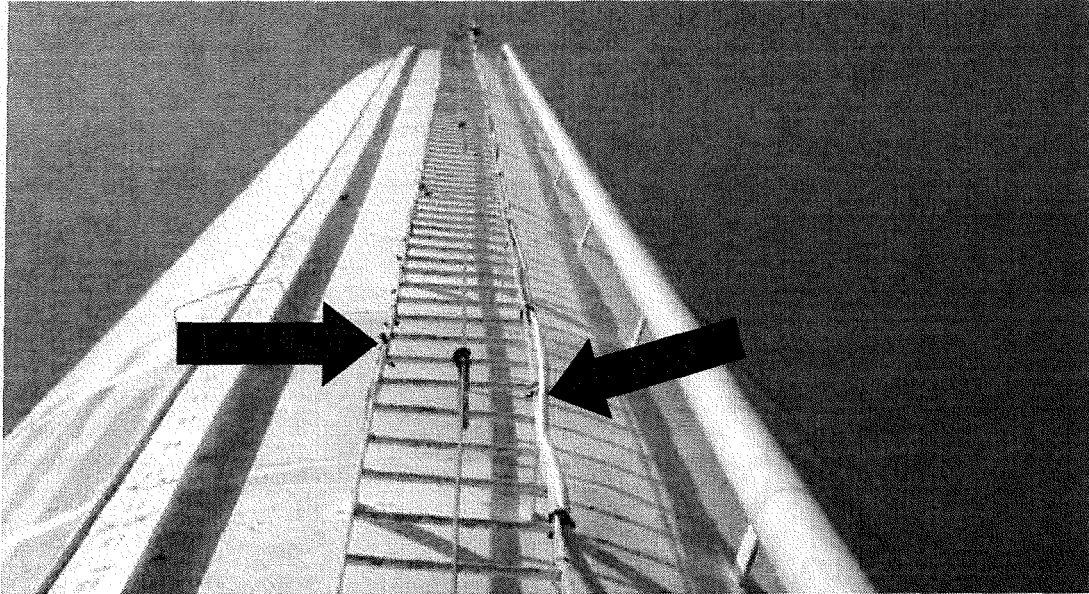


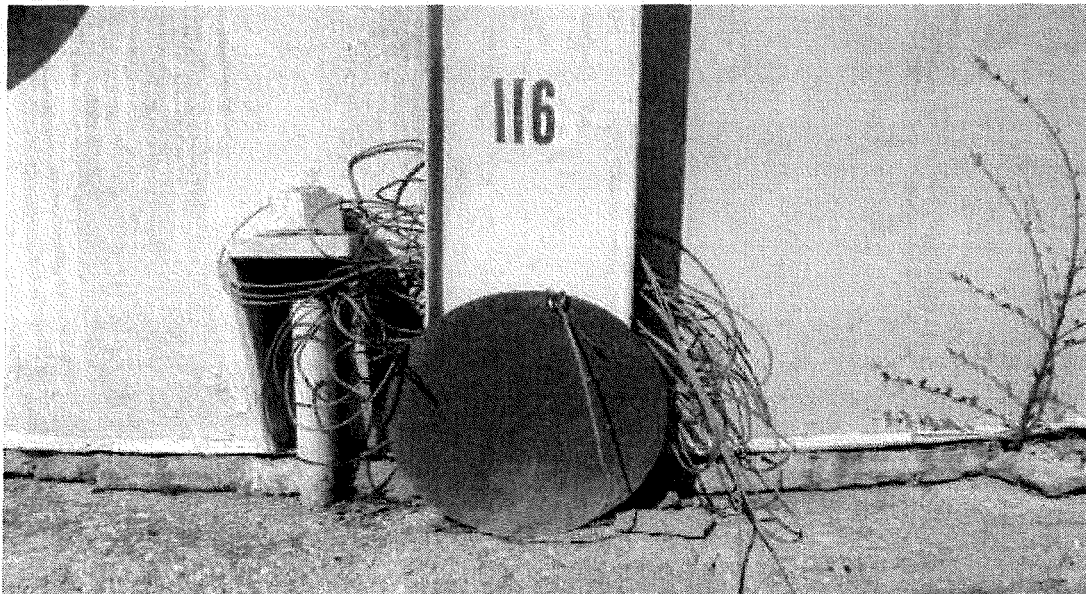
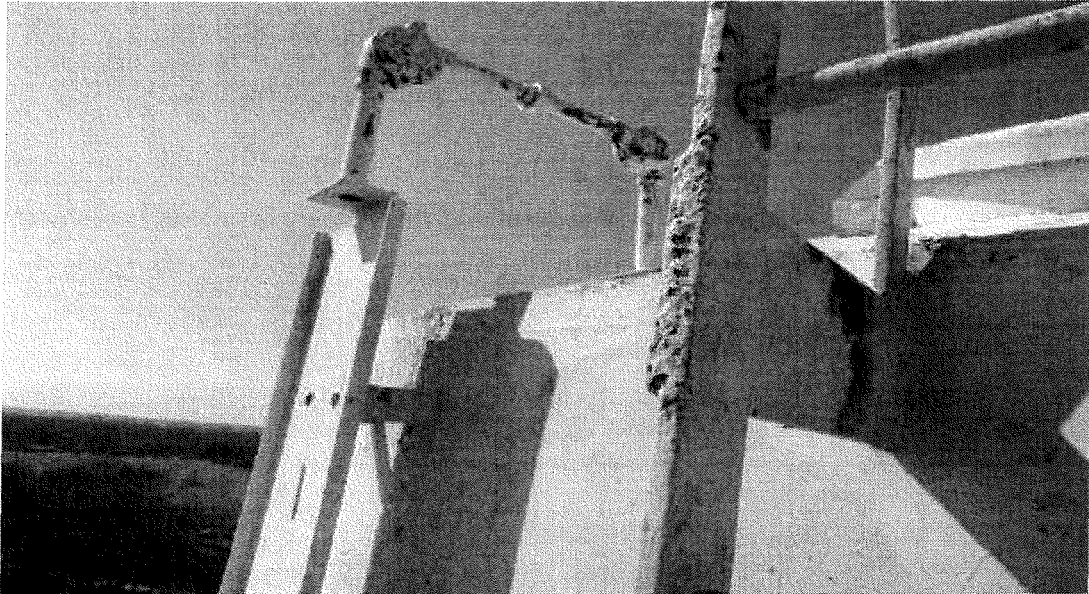
Photo shows the condition of the 6" overflow pipe system. We recommend disconnecting the pipe from the underground drain then installing an air break complete with a flapper valve and screen to prevent the ingress of contaminants into the water supply.



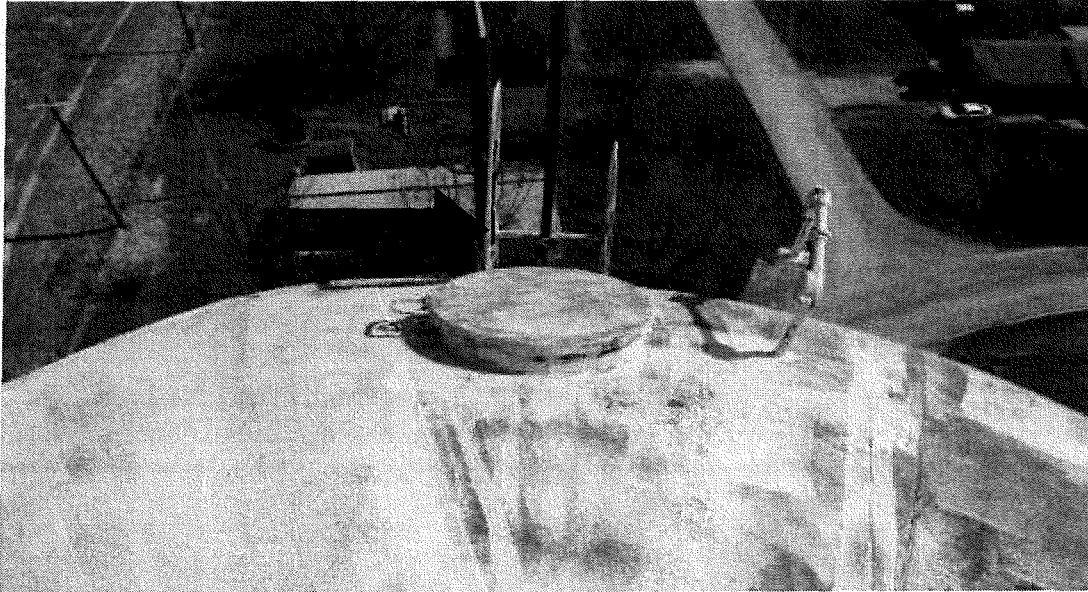
Shell access ladder in above photos is 16" wide, but is not equipped with anti-skid rungs. Notice the rusted ladder safety device. We recommend installing anti-skid rung covers, a lockable ladder guard to prevent unauthorized access, a new cable type ladder safety device, and posting a **Fall Protection Required** sign at the base of the ladder.



Photos show more of the condition of the existing shell access ladder. Safe climbing procedure requires a person to climb a ladder with their hands on the side rails of the ladder and not the ladder rungs. **Notice a co/ax is mounted on the ladder side rail, creating a climbing safety hazard.** We recommend removing the co/ax from the ladder, and securing it with standoffs to the tank shell to eliminate this climbing safety hazard.



Photos show the condition of the liquid level indicator. Due to the condition of the indicator, we recommend replacing the existing liquid level indicator.



Photos show the tank roof edge is not equipped with a required handrail system for fall protection. OSHA 1910.28(b)(1)(i) states, "...the employer must ensure that each employee on a walking-working surface with an unprotected side or edge that is 4 feet (1.2 m) or more above a lower level is protected from falling by one or more of the following: 1910.28(b)(1)(i)(A) Guardrail systems." We recommend installing an OSHA compliant 42" high handrail system around the circumference of the tank roof, complete with intermediate rail, toeboard and a swing gate at the junction of the shell-to-roof access ladder and tank roof.

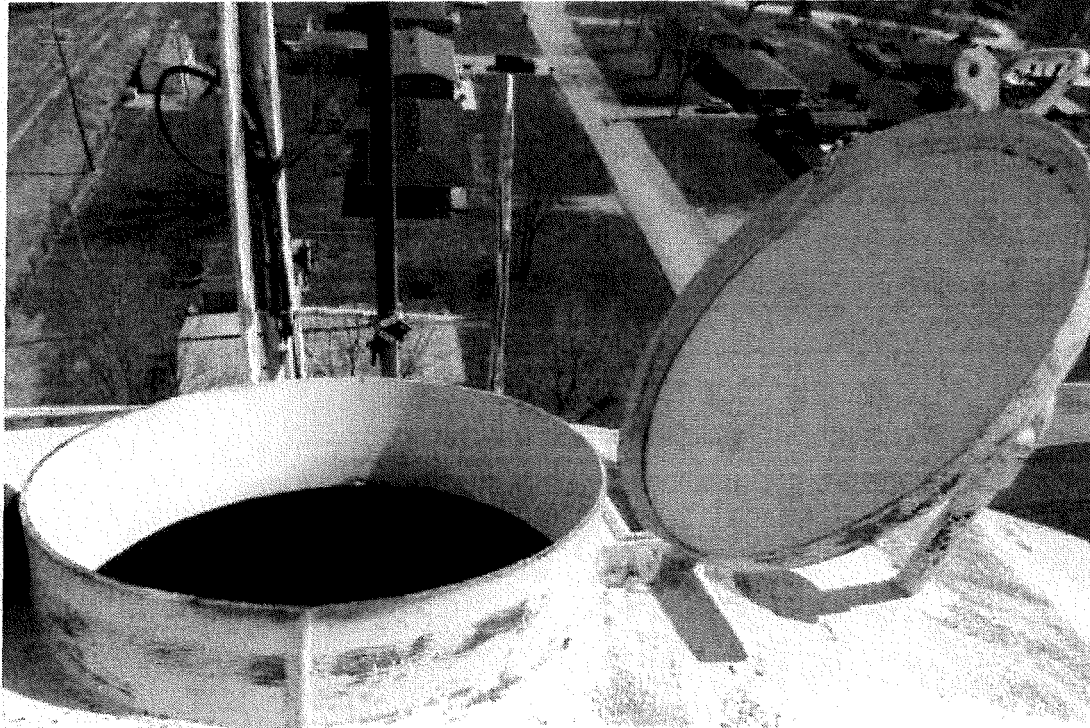


Photo shows the condition of the existing 24" roof hatch. Roof openings on this tank require the following to be in compliance with AWWA D100-11; 7.4.3: Roof openings and OSHA 1910.146(c)(2) Confined spaces.

We recommend:

Post **Confined Space Entry** sign
Install lock on existing roof hatch

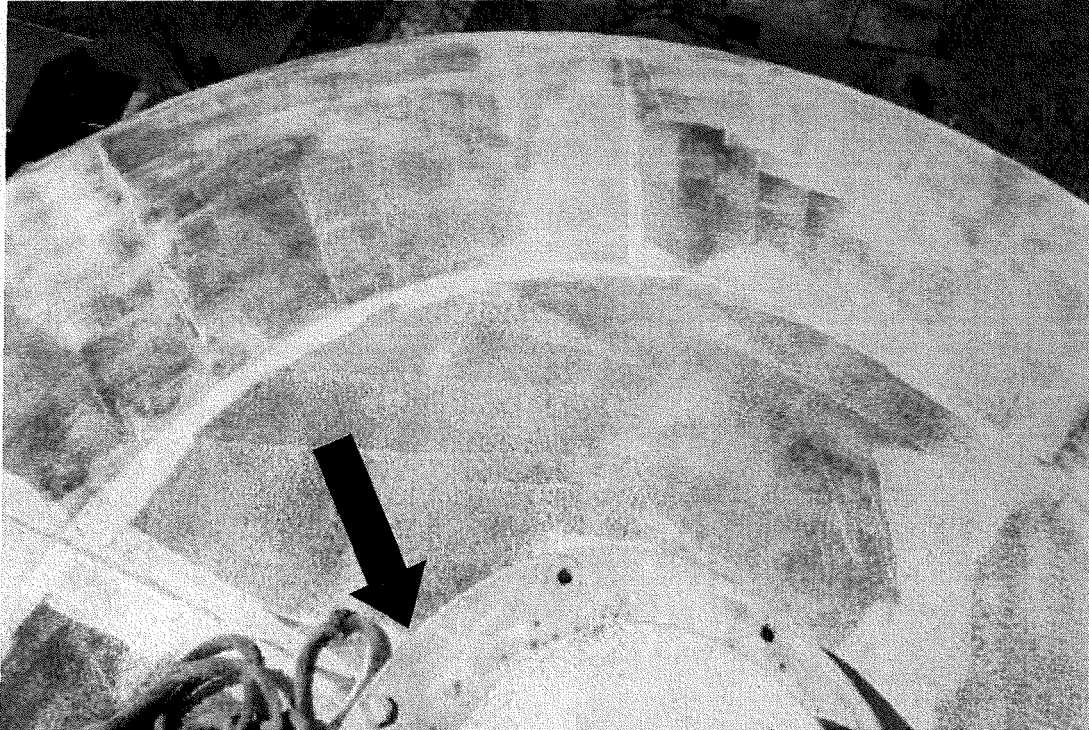
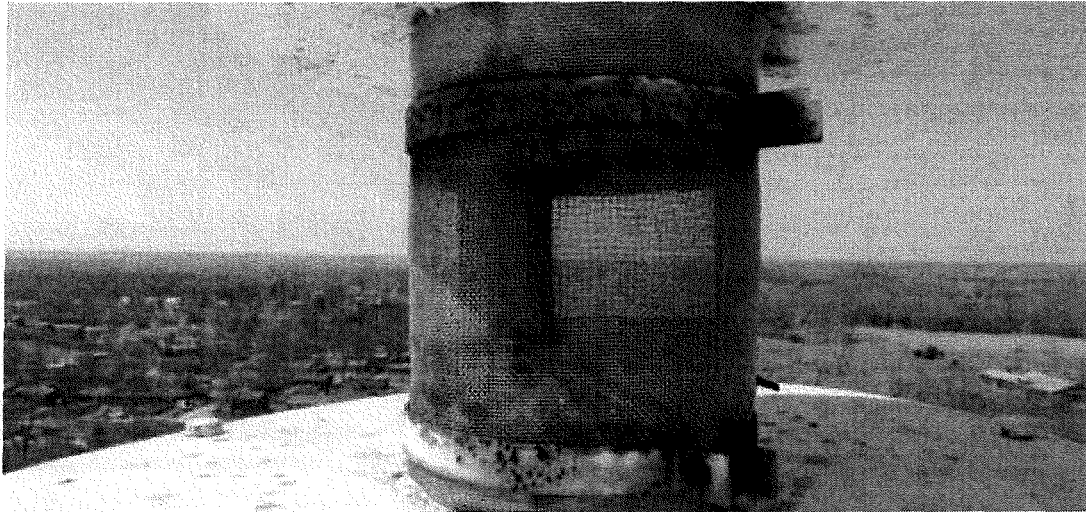


Photo shows the secondary access point / fan mount. Roof openings on this tank require the following to be in compliance with AWWA D100-11; 7.4.3: Roof openings and OSHA 1910.146(c)(2) Confined spaces.

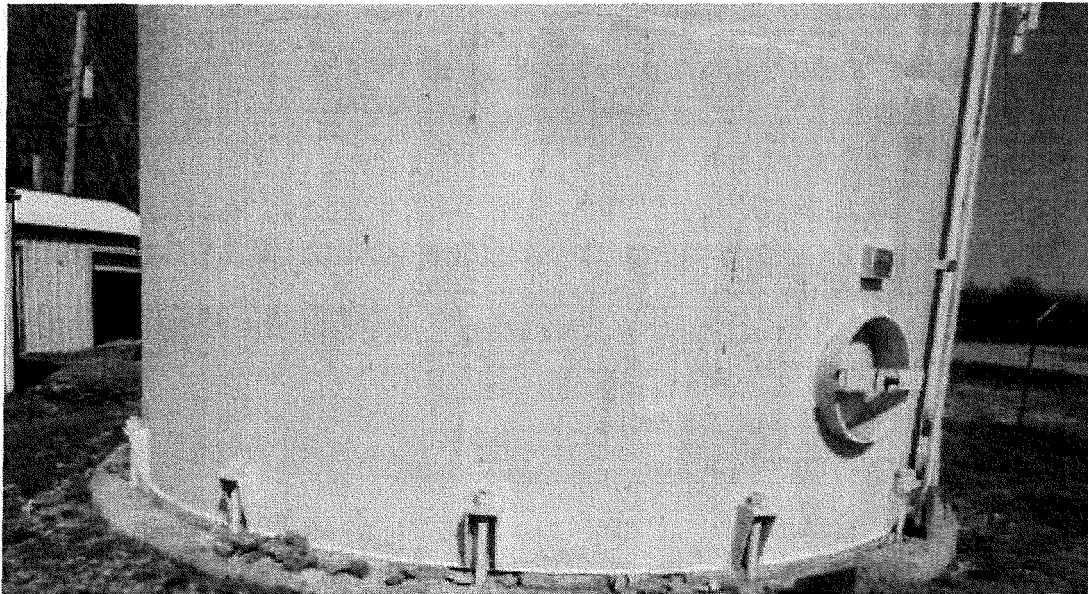
We recommend:

Post **Confined Space Entry** sign



Photos show the condition of the existing 9" roof vent. EPA SCWDA Drinking Water Act Violation EPA August 15, 2002, 2.1 Potential Health Impacts 2.1.2 Pathogen Contamination and Microbial Growth states, "Microbial contamination from birds or insects is a major water quality problem in storage tanks. . .have serious sanitary defects and various minor flaws that could lead to sanitary problems. Most of these sanitary defects stem from design problems with roof hatch systems and vents that do not provide a watertight seal." This vent is allowing the ingress of rain and wind-borne contaminants into the water system. **An improperly vented tank may cause external pressure to act on the tank which can cause buckling even at low pressure differential.** We recommend replacing the existing roof vent with a vacuum-pressure, frost proof vent and screen.

This work should be performed on an emergency basis.



Photos show the tank exterior coating system. We recommend pressure washing the tank exterior with biodegradable detergent injection (minimum 3,500 psi at 3.0 gpm) then removing all loose rust and scale with wire brushes and hand scrapers in accordance with SSPC#2 (hand tool cleaning), spot priming and applying one (1) finish coat of acrylic paint.

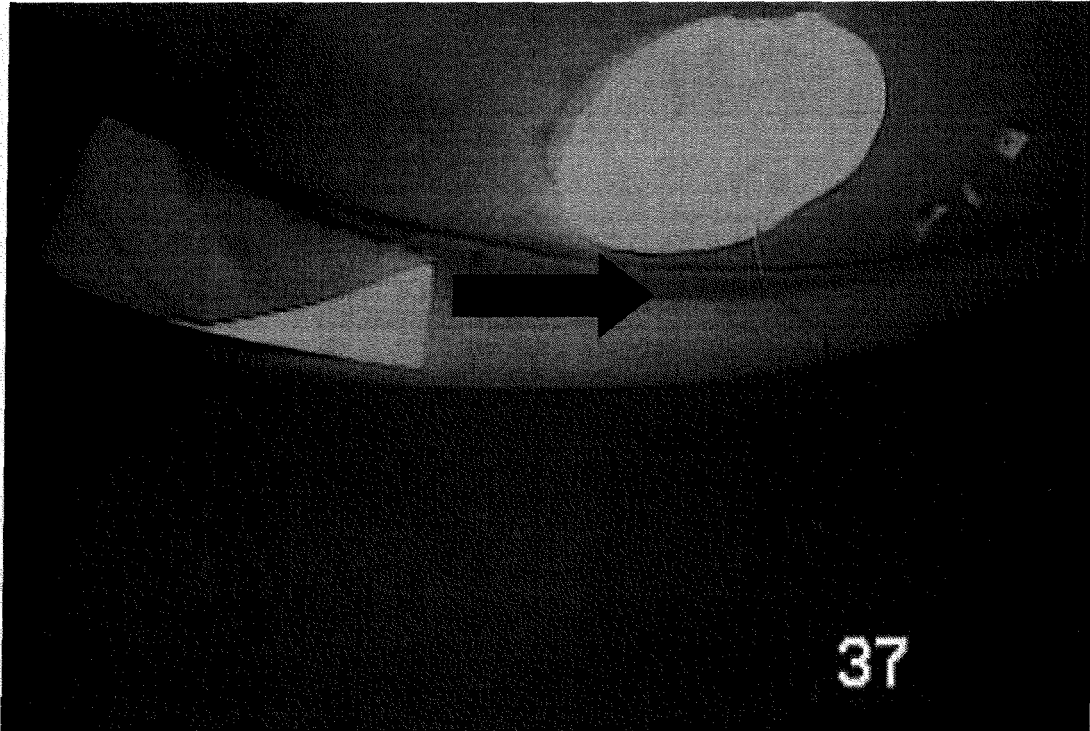


Photo shows tank is not equipped with an interior access ladder. AWWA D100-11; 7.4.2.4: Inside tank ladder states, "When specified, an inside tank ladder shall be provided for access from the roof to the bottom of the tank." We recommend installing an OSHA compliant interior access ladder complete with stand-offs every 10' on center, and a cable type ladder safety device.

**In cold climates it's up to the owner's discretion on placement of internal ladders.*

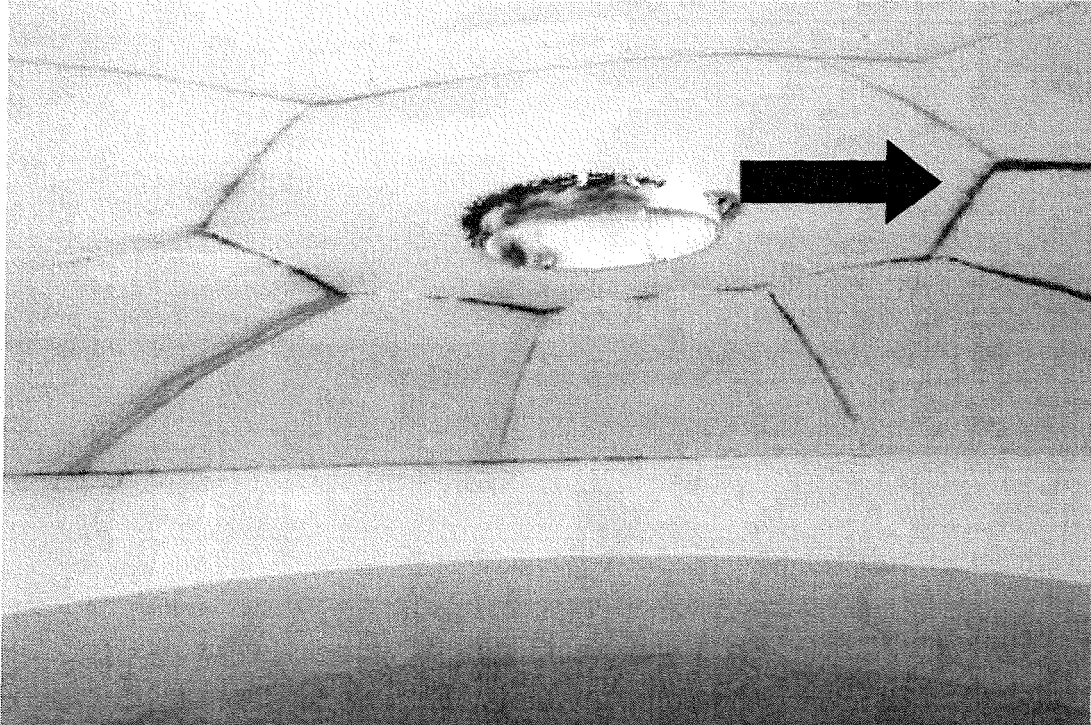


Photo shows the condition of the interior roof. Notice the rust forming at the roof lap seams. We recommend seam sealing using Sikaflex® 1a on all un-welded interior roof lap seams to prevent failure of a new interior liner. This work is to be performed in conjunction with application of new interior liner.

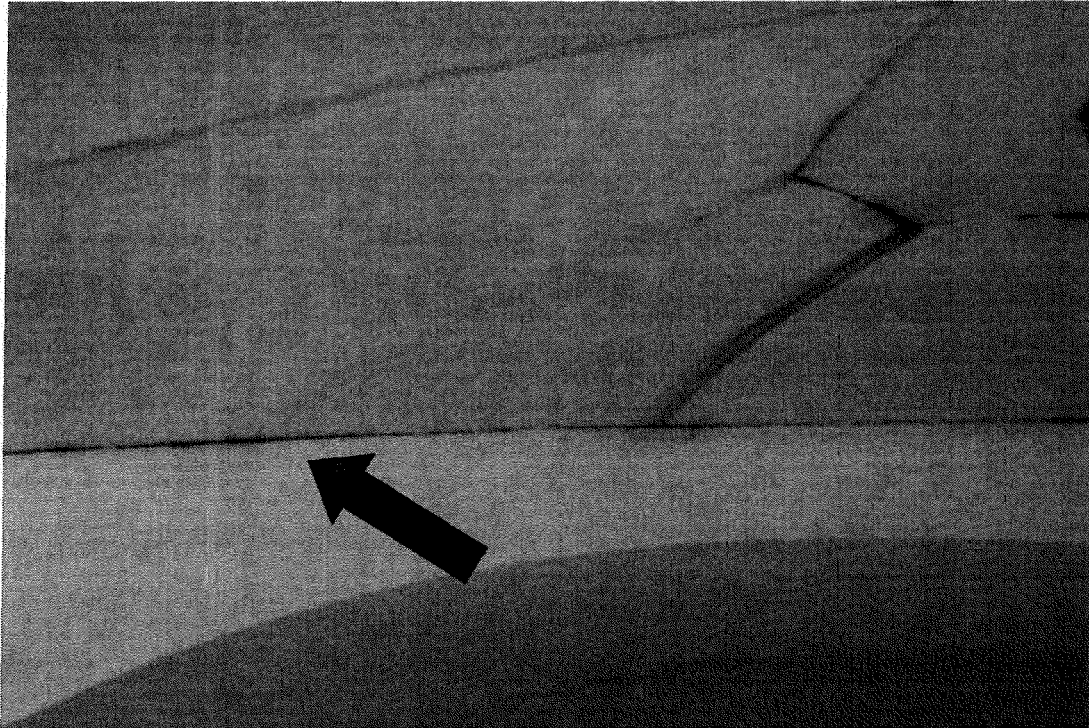


Photo shows the condition of the interior roof-to-rim angle connection. Notice the rust forming in the crevice between the roof and rim angle. We recommend seam sealing using Sikaflex® 1a around the circumference of this connection to prevent failure of a new interior liner. This work is to be performed in conjunction with application of new interior liner.



Photo shows a fill pipe on the tank interior. A temperature difference between the water in the top and bottom of a tank, even as little as 1-2 degrees Fahrenheit, is an indication of thermal stratification and the tank water not being completely mixed. Incomplete mixing would result in short-circuiting, and localized increase in water age would develop inside the tank. This typically leads to water quality problems, such as loss of residual, DBP spikes, HPC spikes, bacteria regrowth, formation of bio-film, changes in pH and dissolved oxygen. We recommend installing a mixing system. Electrical work to be done by others.

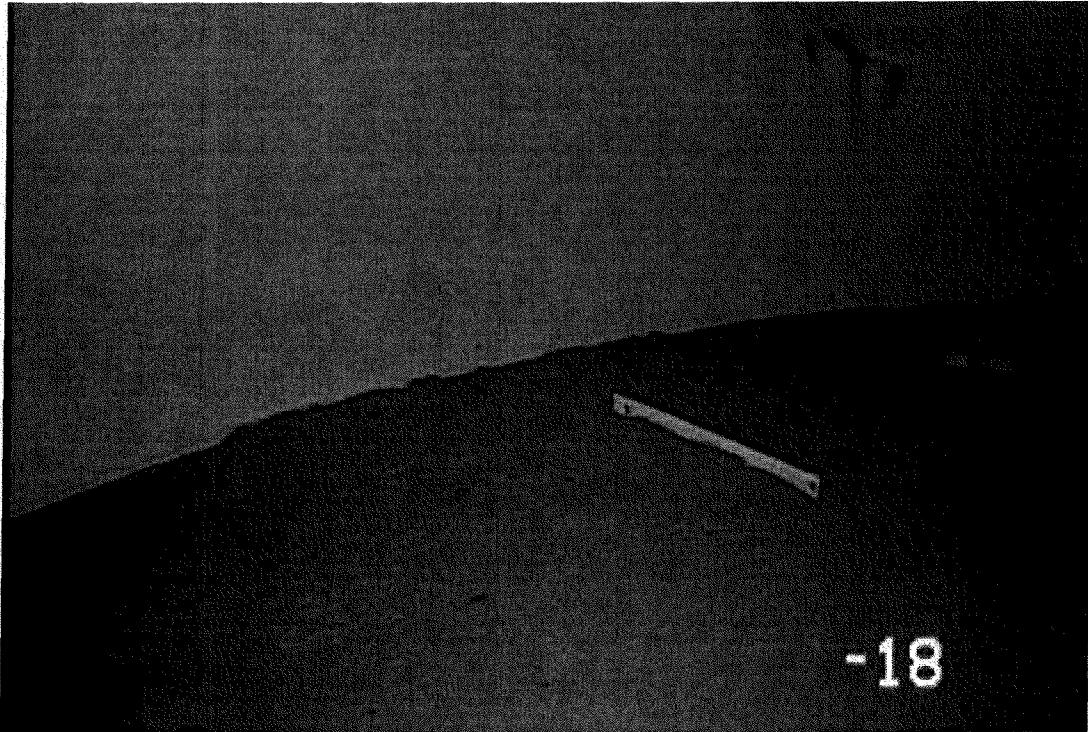


Photo shows sediment in the tank before the performance of the tank cleanout.

We recommend installing a passive cathodic protection system.

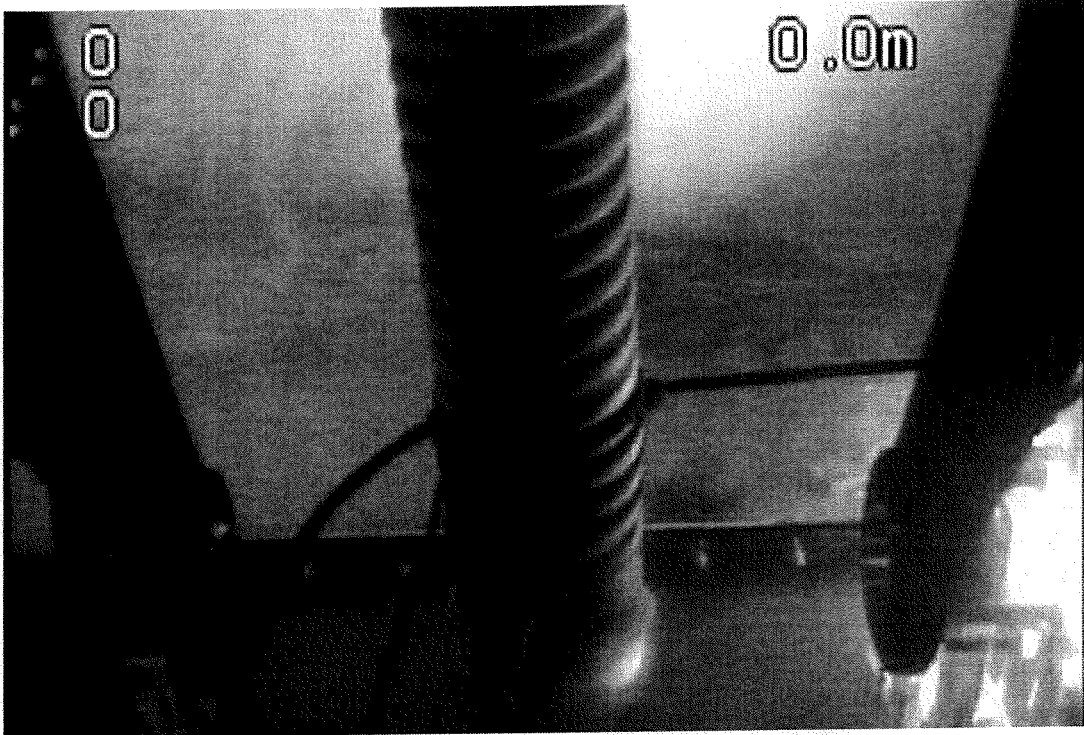
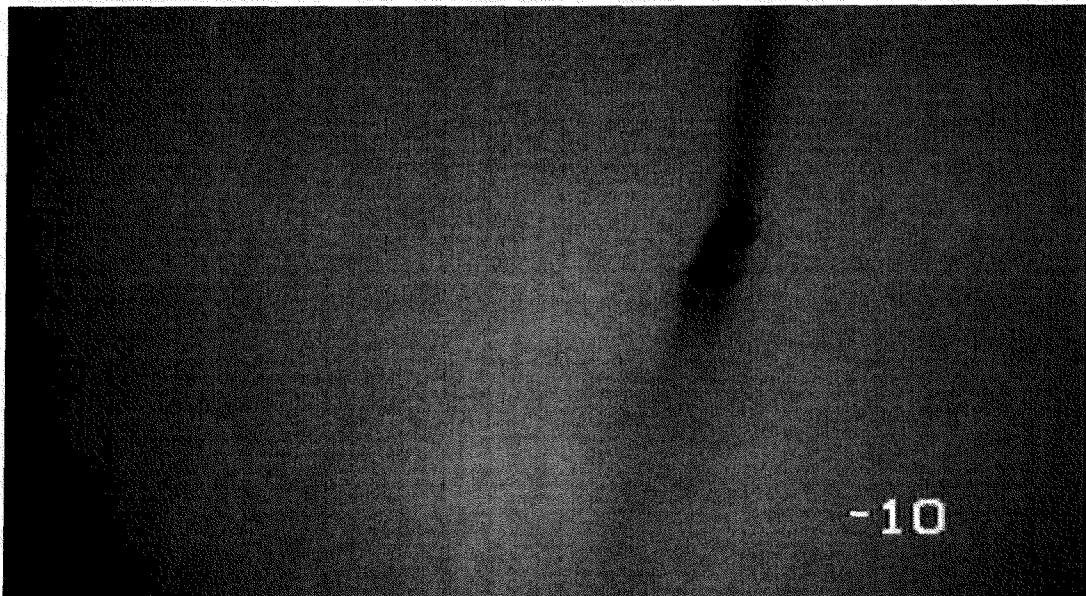
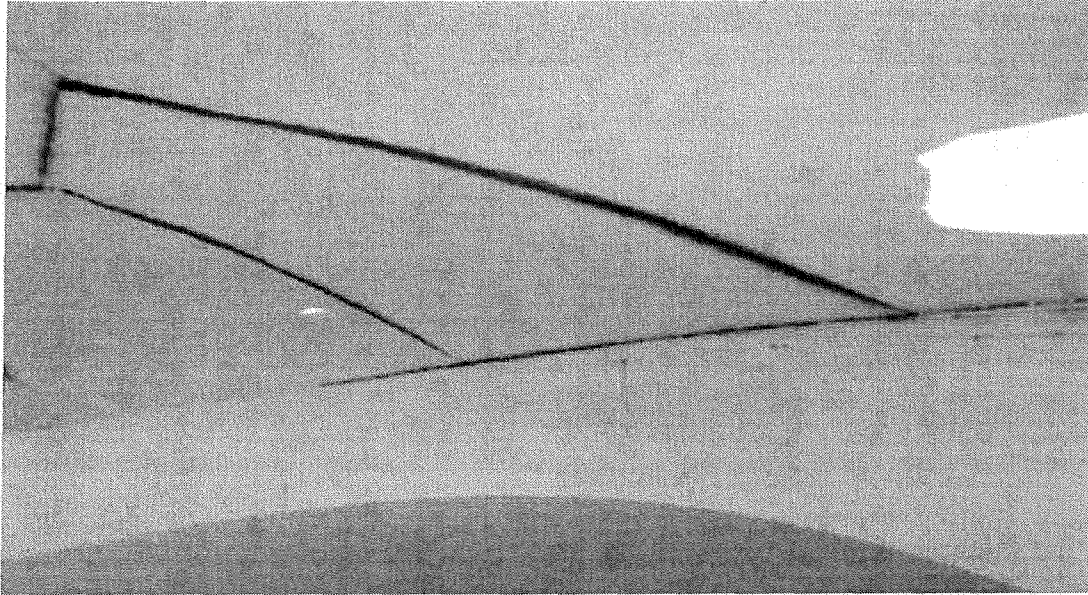


Photo shows the condition of the tank during the performance of the tank cleanout.



Photos show the condition of the interior coating system. We recommend sandblasting all rusted and abraded interior areas to SSPC-SP10 (near white), and brush blasting all remaining interior areas to SSPC-SP7; then applying one (1) spot coat of epoxy primer to all areas sandblasted to #10, stripe coating all weld seams, and applying one (1) full coat of epoxy to the entire tank, to achieve 8 to 10 mils of total dry film thickness. Total mil thickness will include a combination of the existing and new coating.

PITTSBURG TANK & TOWER GROUP

MAINTENANCE DIVISION Since 1919



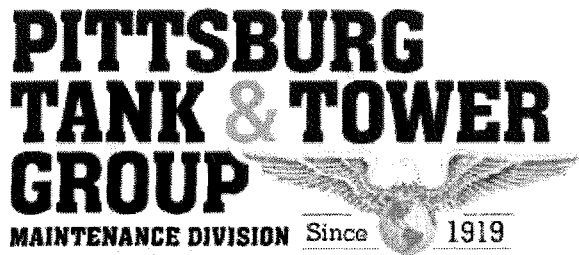
1 Watertank Place
PO Box 1849
Henderson, KY 42419
P: (270) 826-9000
F: (270) 767-6912
www.pttg.com

STANDPIPE INSPECTION REPORT

JOB NO: 318079 INSPECTOR: Archie Antia (LJ)
TANK OWNER: Farmdale Water District
OWNER'S REPRESENTATIVE: Mr. David Robinson
TITLE: Water Superintendent
MAILING ADDRESS: 100 Highwood Drive, Frankfort, KY 40601
PHYSICAL ADDRESS: 100 Highwood Drive, Frankfort, KY 40601
E-MAIL: farmdalewater@gmail.com
CITY, STATE: Frankfort, KY ZIP: 40601 COUNTY: Franklin County
TELEPHONE: (502) 223-3562 FAX: Not Provided
LOCATION OF TANK: 100 Highwood Drive, Frankfort, KY 40601

**Farmdale Water District
100 Highwood Drive
Frankfort, KY 40601
March 22, 2018
Mr. David Robinson
Water Superintendent
(502) 223-3562**

ORIGINAL CONTRACT NO: H0062 YEAR BUILT: 1978
ORIGINAL MANUFACTURER: PDM Hydrostorage Inc. CAPACITY: 223,000 Gallon
DATE OF LAST INSPECTION: Not Provided TYPE: Potable
DIAMETER: 19'-0" HEIGHT: 120'-0"
OVERFLOW: 6" INLET: Not Provided
TYPE CONSTRUCTION: WELDED: X RIVETED: BOLTED:
ACCOUNT EXECUTIVE: Nicci Sheridan



1 Watertank Place
PO Box 1849
Henderson, KY 42419
P: (270) 826-9000
F: (270) 767-6912
www.pitfg.com

| UT Testing | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|
| Roof: | .178 | .195 | | | | | | |
| | | | | | | | | |
| Ring 15: | .220 | .226 | | | | | | |
| Ring 14: | .255 | .260 | | | | | | |
| Ring 13: | .268 | .255 | | | | | | |
| Ring 12: | .356 | .262 | | | | | | |
| Ring 11: | .262 | .278 | | | | | | |
| Ring 10: | .314 | .308 | | | | | | |
| Ring 9: | .323 | .325 | | | | | | |
| Ring 8: | .389 | .372 | | | | | | |
| Ring 7: | .475 | .462 | | | | | | |
| Ring 6: | .544 | .560 | | | | | | |
| Ring 5: | .562 | .570 | | | | | | |
| Ring 4: | .579 | .580 | | | | | | |
| Ring 3: | .582 | .591 | | | | | | |
| Ring 2: | .588 | .580 | | | | | | |
| Ring 1: | .623 | .614 | .619 | .620 | .620 | .614 | .618 | .598 |

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| Page # | Work Proposed | Critical Deficiency | NON-Critical Deficiency | OSHA | Structural | Preventive Maintenance |
|--------|--|---------------------|-------------------------|------|------------|------------------------|
| 2 | Post a Warning, Tampering With This Facility is a Federal Offense (US code title 42, section 300i-1) sign. | | X | | | |
| | Post a No Trespassing sign. | | X | | | |
| 4 | Repair any cracks and spalling in the concrete with a commercial non-shrinking grout. | | | | | X |
| | Re-grout around the base of the tank to foundation connection. | | | | | X |
| | Seal the foundation with a sealant. | | | | | X |
| 5 | Electrically ground the tank. | | X | X | | |
| 6 | Clean the area around the anchor bolts, tighten the anchor nuts to specifications, then tack weld on the circumference of the nut-to-base plate connections and tack weld the bolt-to-nut connections. | | | | | X |
| 7 | Install a frost proof drain valve near the shell-to-floor connection, complete with a locking device and a splash pad. | | X | | | |
| 9 | Install 30" secondary shell manway 180° from primary manway. | | X | X | | |
| | Post Confined Space Entry signs on primary and secondary shell manways. | | | X | | |
| | Install maintenance free galvanized steel bolts on primary and secondary shell manways. | | | | | X |
| 10 | Disconnect the overflow pipe from the underground drain, install an air break complete with a flapper valve and screen. | | X | | | |
| 11 | Install anti-skid rung covers on the existing exterior shell access ladder. | | | | | X |
| | Install a new cable type ladder safety device on exterior shell access ladder. | | | X | | |
| | Install a lockable ladder guard on exterior shell access ladder. | | | | | X |
| | Post Fall Protection Required sign at base of exterior shell access ladder. | | | X | | |
| 12 | Remove the co/ax from the exterior shell access ladder and secure it to the tank shell with standoffs. | | | X | | |
| 13 | Replace the liquid level indicator. | | X | | | |
| 14 | Install a compliant 42" high handrail system around the circumference of the tank roof, complete with intermediate rail, toeboard and a swing gate at the junction of the shell-to-roof access ladder and tank roof. | | | X | | |

| Page # | Work Proposed | Critical Deficiency | NON-Critical Deficiency | OSHA | Structural | Preventive Maintenance |
|--------|--|---------------------|-------------------------|------|------------|------------------------|
| 15 | Post Confined Space Entry sign on roof hatch. | | | X | | |
| | Install lock on primary roof hatch. | | | | | X |
| 16 | Post Confined Space Entry sign on secondary access point /fan mount. | | | X | | |
| | Install new lock on existing roof hatch. | | | | | X |
| 17 | Replace the existing roof vent with a vacuum-pressure, frost proof vent and screen. This work should be performed on an emergency basis. | X | | | X | |
| 18 | Pressure wash the tank exterior with biodegradable detergent injection (minimum 3,500 psi at 3.0 gpm) then remove all loose rust and scale with wire brushes and hand scrapers in accordance with SSPC#2 (hand tool cleaning), spot prime and apply one (1) finish coat of acrylic paint. | | | | | X |
| 19 | In cold climates it's up to the owner's discretion on placement of internal ladders. Install a compliant interior access ladder complete with standoffs every 10' on center at the primary roof hatch. | | | X | | |
| | Install a cable type ladder safety device on interior access ladder. | | | X | | |
| 20 | Seam seal all un-welded interior roof lap seams using Sikaflex® 1a. | | | | | X |
| 21 | Seal the circumference of the interior roof-to-rim angle connection using Sikaflex® 1a. | | | | | X |
| 22 | Install a mixing system. Electrical work to be done by others. | | X | | | |
| 23 | Install a passive cathodic protection system. | | | | | X |
| 25 | Sandblast all rusted and abraded interior areas to SSPC-SP10 (near white), and brush blast all remaining interior areas to SSPC-SP7; then apply one (1) spot coat of epoxy primer to all areas sandblasted to #10, stripe coat all weld seams, and apply one (1) full coat of epoxy to the entire tank, to achieve 8 to 10 mils of total dry film thickness. Total mil thickness will include a combination of the existing and new coating. | | | | | X |

INVOICE

Pittsburg Tank & Tower Maint. Co.

1 Watertank Place
PO Box 1849
Henderson, KY 42419
Voice: 270-869-9400
Fax: 270-215-5719

Invoice Number: 14348
Invoice Date: Jun. 20, 2018
Page: 1

Bill To:

FARMDALE WATER DISTRICT
ATTN: DAVID ROBINSON
100 HIGHWOOD DRIVE
FRANKFORT, KY 40601

Job Location:

FARMDALE WATER DISTRICT
REPAIR
(1) 223,000 GAL STP
FRANKFORT, KY 40601

Customer ID
FARMWATE
Job ID
218139

Customer PO

Work Order

Payment Terms
Net 30 Due
Ship Date Due Date
07-20-18

| <u>Description</u> | <u>Amount</u> |
|---|---------------|
| Repair any cracks and spalling in the concrete with a commercial nonshrinking grout. Re-grout around the base of the tank to foundation connection. Seal the foundation with a sealant. | 2,250.00 |
| Electrically ground the tank. | 725.00 |
| Clean the area around the anchor bolts, tighten the anchor nuts to specifications, then tack weld on the circumference of the nut-to-base plate connections and tack weld the bolt-to-nut connections. | 200.00 |
| Install 30" secondary shell manway 180° from primary manway. Post Confined Space Entry signs on primary and secondary shell manways. Install maintenance free galvanized steel bolts on primary and secondary shell manway. | 1,975.00 |
| Disconnect the overflow pipe from the underground drain, install an air break complete with a flapper valve and screen. | 1,750.00 |

*MasterCard, Visa and American Express are accepted.
Payments made by credit card will be subject to a processing fee of 3%.
Interest may be applied to payments not received in accordance to payment terms.*

continued

INVOICE

Pittsburg Tank & Tower Maint. Co.

1 Watertank Place
PO Box 1849
Henderson, KY 42419
Voice: 270-869-9400
Fax: 270-215-5719

Invoice Number: 14348
Invoice Date: Jun. 20, 2018
Page: 2

Bill To:

FARMDALE WATER DISTRICT
ATTN: DAVID ROBINSON
100 HIGHWOOD DRIVE
FRANKFORT, KY 40601

Job Location:

FARMDALE WATER DISTRICT
REPAIR
(1) 223,000 GAL STP
FRANKFORT, KY 40601

Customer ID
FARMWATE
Job ID
218139

Customer PO

Work Order

Payment Terms
Net 30 Due
Ship Date Due Date
 07-20-18

| <u>Description</u> | <u>Amount</u> |
|--|---------------|
| Install anti-skid rung covers on the existing exterior shell access ladder. | 1,700.00 |
| Install a new cable type ladder safety device on exterior shell access ladder. | 1,100.00 |
| Install a compliant 42" high handrail system around the circumference of the tank roof, complete with intermediate rail, toeboard and a swing gate at the junction of the shell-to-roof access ladder and tank roof. | 2,340.00 |
| Post Confined Space Entry sign on roof manway. Install lock on primary roof manway. Post Confined Space Entry sign on secondary access point fan mount. Install new lock on existing roof manway. | |
| Replace the existing roof vent with a vacuum-pressure, frost proof vent and screen. | 2,800.00 |
| Seam seal all un-welded interior roof lap seams using Sikaflex® 1a. | 2,000.00 |

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continued

INVOICE

Pittsburg Tank & Tower Maint. Co.

1 Watertank Place
PO Box 1849
Henderson, KY 42419
Voice: 270-869-9400
Fax: 270-215-5719

Invoice Number: 14348
Invoice Date: Jun. 20, 2018
Page: 3

Bill To:

FARMDALE WATER DISTRICT
ATTN: DAVID ROBINSON
100 HIGHWOOD DRIVE
FRANKFORT, KY 40601

Job Location:

FARMDALE WATER DISTRICT
REPAIR
(1) 223,000 GAL STP
FRANKFORT, KY 40601

Customer ID
FARMWATE
Job ID
218139

Customer PO

Work Order

Payment Terms
Net 30 Due
Ship Date Due Date
 07-20-18

| <u>Description</u> | <u>Amount</u> |
|---|---------------|
| Seal the circumference of the interior roof-to-rim angle connection using Sikaflex® 1a. | 1,600.00 |
| Install a passive cathodic protection system. | 4,300.00 |

WE ARE BILLING 50% WITH ORDER

| | |
|----------------|-------------|
| Amount Billed | \$22,740.00 |
| Total Tax | .00 |
| Retainage Held | .00 |

TOTAL \$22,740.00

*MasterCard, Visa and American Express are accepted.
Payments made by credit card will be subject to a processing fee of 3%.
Interest may be applied to payments not received in accordance to payment terms.*



Diving & Marine Services, Inc.

**Report of Procedures and Findings
From the ROV Inspection of the
Stewart House Tank
Farmdale Water District
Frankfort, KY**



**By
Midco Diving & Marine Services, Inc.**

800.479.1558
www.midcodiving.com
info@midcodiving.com
PO Box 513, Rapid City, SD. 57709 – 605.791.3030

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**800.479.1558
www.midcodiving.com
info@midcodiving.com
PO Box 513, Rapid City, SD. 57709 – 605.791.3030**



April 1, 2021

Farmdale Water District
Attn: Jamie Roberts
100 Highwood Drive
Frankfort, KY 40601

INTRODUCTION

The following is a summary of a visual and video inspection of the Stewart Home Tank for the Farmdale Water District in Frankfort, KY. This inspection was undertaken on February 12, 2021 by Midco Diving & Marine Services, Inc. of Rapid City, SD. The findings of this inspection report are a supplement to the inspection video and worksheets, which are found under the same cover.

The Reservoir, which is the subject of this report, appears to be of conventional design and construction.

METHODOLOGY

The reservoir was inspected by an inspection class, commercial, Remotely Operated Vehicle (ROV). The ROV is equipped with real-time high-definition color video and an LED lighting system as well as video enhancing technology. All procedures were carried-out in accordance with Midco Diving's Safe Practices Manual and Midco's Standards and Procedures. Prior to entering your reservoir the ROV and umbilical was disinfected with a 200 parts per million chlorine solution per ANSI/AWWA C652-11 standards.

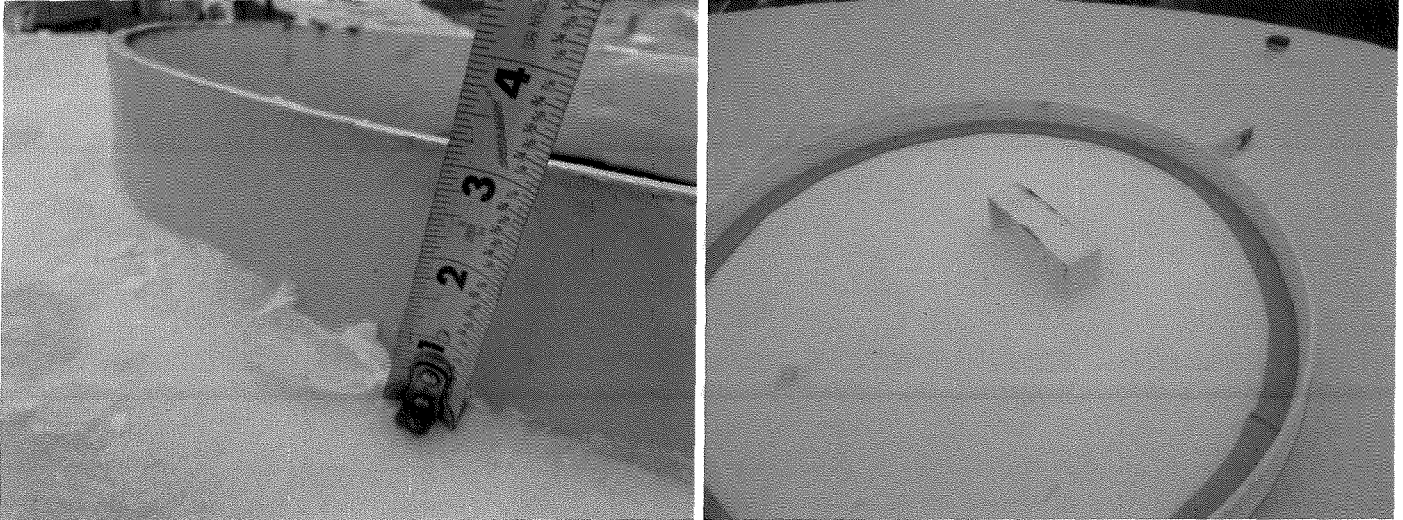
800.479.1558
www.midcodiving.com
info@midcodiving.com
PO Box 513, Rapid City, SD. 57709 – 605.791.3030

STEWART HOME TANK FINDINGS

EXTERIOR FINDINGS

Upon visual inspection of the exterior of the structure, the reservoir appears to be in good condition, with the following findings noted:

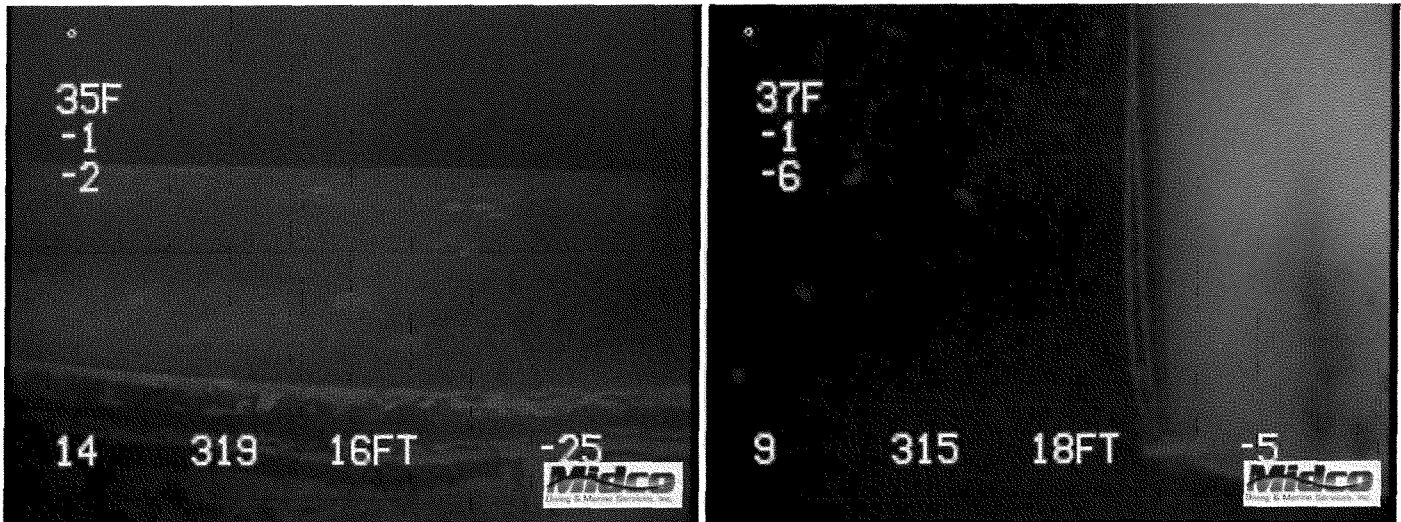
1. The access hatch does not sit at least 4" above the roof.
2. Coating failure with corrosion noted.



INTERIOR FINDINGS

Upon visual inspection of the structure above and below the water line, the overall condition of the tank appears to be in good condition, with the following findings noted:

1. Light skiff of sediment noted.
2. Coating failure with corrosion noted.



DISCLAIMER

Midco Diving & Marine Services, Inc. does not provide consulting engineering services, nor do we employ licensed Professional Engineers. The findings contained herein were neither prepared or reviewed by a licensed engineer, but are based on the visual examination, experience, and training of the inspecting diver and dive support crew.

800.479.1558
www.midcodiving.com
info@midcodiving.com
PO Box 513, Rapid City, SD. 57709 – 605.791.3030

Farmdale Water District

JOB NUMBER: P2021027
UTILITY: Farmdale Water District
DATE: April 1, 2021
MANAGER: Jamie Roberts
ADDRESS: 100 Highwood Drive
Frankfort, KY 40601

DIVE TEAM LEADER: Patrick Turney

Reservoir: Stewart House Tank
Gallons: 500 KG
Diameter: 50'
Height: 156'
Construction: Steel Welded
Date Built: 2012

Recommendations:

1. Correct the access hatch to sit at least 4" above the roof.
2. Monitor/repair coating failure with corrosion.
3. Have Midco Diving & Marine Services, Inc. return to clean.
4. Have Midco Diving & Marine Services, Inc. clean and inspect every 3-5 years.



Diving & Marine Services, Inc.

N/A - Not applicable

Excellent (Ex) - Like new condition, no maintenance needed.

Good - Cosmetic only problems, maintenance if wanted.

Fair - Minor problems, maintenance needed, not immediate.

Poor - Major problems, structural or like, immediate maintenance needed.

| Component | Condition | | | | | Comments |
|---------------------------|-----------|-----|------|------|------|--------------------------|
| | NA | Ex. | Good | Fair | Poor | |
| <i>Site Security</i> | | | X | | | |
| Gate | | | X | | | |
| Fence | | | X | | | |
| Locks | | | X | | | |
| Alarm | X | | | | | |
| <i>Reservoir Exterior</i> | | | X | | | |
| Coating | | | X | | | |
| Foundation | | | X | | | |
| Cleanliness | | | X | | | |
| Seams/Joints | | | X | | | |
| <i>Exterior Roof</i> | | | X | | | |
| Coating | | | X | | | |
| Cleanliness | | | X | | | |
| Seams/Joints | | | X | | | |
| <i>Exterior Ladder</i> | | | X | | | Width: 16" |
| Coating | | | X | | | |
| Caged | | | X | | | |
| Safety Climb | | | X | | | Type: Cable |
| <i>Roof Vents</i> | | | X | | | Size: 41" Height: 15" |
| Coating | | | X | | | |
| Screen | | | X | | | |
| <i>Side Vents</i> | X | | | | | |
| Coating | X | | | | | |
| Screen | X | | | | | |
| <i>Exterior Telemetry</i> | X | | | | | |
| Coating | X | | | | | |
| Functioning | X | | | | | |

800.479.1558

www.midcodiving.com

info@midcodiving.com

PO Box 513, Rapid City, SD. 57709 – 605.791.3030

| Component | Condition | | | | | Comments |
|-------------------------------|-----------|-----|------|------|------|--------------------------------------|
| | NA | Ex. | Good | Fair | Poor | |
| <i>Manual Level Indicator</i> | | | X | | | |
| Tag | | | X | | | |
| Cable | | | X | | | |
| Indicator | | | X | | | |
| Pulleys | | | X | | | |
| Base | | | X | | | |
| <i>Exterior Man Entrles</i> | X | | | | | |
| Coating | X | | | | | |
| Gasket | X | | | | | |
| <i>Exterior Inlet</i> | X | | | | | |
| Coating | X | | | | | |
| Valve | X | | | | | |
| <i>Exterior Outlet</i> | X | | | | | |
| Coating | X | | | | | |
| Valve | X | | | | | |
| <i>Exterior Drain/Scour</i> | X | | | | | |
| Coating | X | | | | | |
| Valve | X | | | | | |
| <i>Exterior Water Tap</i> | X | | | | | |
| Coating | X | | | | | |
| Valve | X | | | | | |
| <i>Exterior Overflow</i> | | | X | | | |
| Coating | | | X | | | Coating Failure Noted |
| Stand-offs | | | X | | | |
| Screen | | X | | | | Type: Screen – Installed by Midco |
| <i>Access Hatch</i> | | | X | | | Size: 30" |
| Weather Stripping | | X | | | | Installed by Midco |
| Coating | | | X | | | Coating Failure with Corrosion Noted |
| Hinges | | | X | | | |
| Lock | | | X | | | |
| Safety Railing | X | | | | | |

| Component | Condition | | | | | Comments |
|-----------------------------|-----------|-----|------|------|------|--|
| | NA | Ex. | Good | Fair | Poor | |
| <i>Interior Ladder</i> | | | X | | | Width: 12" – Coating Failure with Corrosion Noted |
| Caged | X | | | | | |
| Safety Climb | | | X | | | Type: Cable |
| <i>Telemetry Sensor</i> | | | X | | | |
| Functioning | | | X | | | |
| <i>Float</i> | | | X | | | |
| Guide Wires | | | X | | | |
| <i>Interior Floor</i> | | | X | | | |
| Coating | | | X | | | |
| Sediment | | | X | | | Depth: Light Skiff of Sediment Noted |
| Seams/Joints | | | X | | | |
| <i>Interior Walls</i> | | | X | | | |
| Coating | | | X | | | |
| Seams/Joints | | | X | | | |
| <i>Interior Ceiling</i> | | | X | | | |
| Coating | | | X | | | |
| Rafters | X | | | | | |
| <i>Interior Man Entries</i> | X | | | | | |
| Coating | X | | | | | |
| Gasket | X | | | | | |
| <i>Support Columns</i> | X | | | | | |
| Coating | X | | | | | |
| Base | X | | | | | |
| Top | X | | | | | |
| <i>Cathodic Protection</i> | X | | | | | |
| Anodes | X | | | | | |
| Wires | X | | | | | |
| Sacrificial Anodes | X | | | | | |

| Component | Condition | | | | | Comments |
|-------------------------------|-----------|-----|------|------|------|------------------|
| | NA | Ex. | Good | Fair | Poor | |
| <i>Interior Overflow Pipe</i> | | | X | | | Size: ~12" x 36" |
| Coating | | | X | | | |
| Top/Cap | | | X | | | |
| Connections/Flange | X | | | | | |
| <i>Interior Inlet</i> | | | X | | | Size: ~13" |
| Coating | | | X | | | |
| Riser | | | X | | | |
| <i>Interior Outlet</i> | | | X | | | Size: ~36" |
| Coating | | | X | | | |
| Riser | | | X | | | |
| <i>Interior Drain/Scour</i> | | | X | | | Size: ~36" |
| Coating | | | X | | | |
| Riser | X | | | | | |
| <i>Interior Water Tap</i> | X | | | | | |
| Coating | X | | | | | |
| Valve | X | | | | | |

| EPA Compliant Report Finished Water Storage Tank Inspection/ Cleaning Checklist | |
|--|--|
| Fill out one checklist per storage tank & submit labeled photos of each tank component with this form | |
| Public Water System Name: Farmdale Water District | Public Water System ID: |
| Reservoir Name: Stewart Home Tank | Reservoir ID: |
| Proposed Inspection Date: February 12, 2021 | Actual Inspection Date: February 12, 2021 |
| Name of Person Filling Out Form: Megan Greenspan | Title of Person Filling Out Form: Office Assistant |
| I certify that this information is complete and accurate: Yes <i>Megan Greenspan</i> Date: April 1, 2021 | |

| Inspector Qualifications (answer to all questions must be "yes") | |
|--|---|
| Name and contact information of inspector or inspection company: Midco Diving & Marine Services, Inc. | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Has the inspector completed confined space training? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Did the inspector have a confined space entry permit? |

| Overall Tank Condition | | | | |
|---|---|--|--------------------------|--------------------------|
| Significant Deficiency | | Required Correction | Proposed Completion Date | Proposed Completion Date |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Does the tank appear to be structurally sound? | If no, what repairs are suggested by the tank inspector? | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any unprotected openings in the tank (breaches, leaks, daylight coming through tank in spots, etc.) | If yes, indicate type of breach and how it should be repaired. | | |

| Air Vent | | | | |
|--|--|---|--------------------------|--------------------------|
| Significant Deficiency | | Required Correction | Proposed Completion Date | Proposed Completion Date |
| Above Ground Tanks (Ground Level or Elevated) | | <input type="checkbox"/> Check if NA | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | <u>Downturned vent:</u> Is the vent at least 24" or 3 pipe diameters above the roof? | If no reconfigure vent to provide proper air gap. | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <u>Non-downturned vent:</u> Is there a solid cover down to the bottom of the vent screen? | If no, indicate deficiency and proposed correction: | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <u>Non-downturned vent:</u> Is the screen at least 8" above the roof surface? What is the height of the start of the screening above the tank? | If no, indicate deficiency and proposed correction: | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Is the vent covered with #24 mesh corrosion resistant screening (some exceptions apply)? Mesh Size: | If no, indicate deficiency and proposed correction: | | |

| | | | | |
|---|--|---|--------------|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is the overflow directly connected to a sanitary sewer or storm drain? | If yes, indicate proposed correction: | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is there blockage in the overflow, an inadequately sized overflow, a malfunction of the level control system, or other issue that is causing the tank to overflow through the hatch or vent? | If yes, indicate what is causing the problem and how it should be repaired: | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Is the overflow discharge point visible? If no, it is recommended that the discharge point be moved to a location that is visible. | | Not Required | |

| Drain <input checked="" type="checkbox"/> Check if NA | | | | |
|--|--|--------------------------------------|--------------------------|--------------------------|
| Significant Deficiency | | Required Correction | Proposed Completion Date | Proposed Completion Date |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Does the drain pipe have an air gap of 3 or more pipe diameters above the entrance to any storm or sanitary sewers? | If no, indicate proposed correction: | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Does the discharge have a #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside? If no, EPA recommends that a #24 mesh screen be installed. | | Not Required | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Does the drain terminate between 12 and 24 inches above the ground surface and discharges over an inlet structure or splash plate? If no, it is recommended that the discharge point be modified to provide for the appropriate air gap. | | Not Required | |

| Cleaning and Other Items | | | | |
|---|--|---|--------------------------|--------------------------|
| Significant Deficiency | | Required Correction | Proposed Completion Date | Proposed Completion Date |
| Describe any other items noted by the inspector that have the potential to cause contamination of the finished drinking water: | | What repairs are suggested to prevent or eliminate the source of contamination? | | |
| Depth of sediment found in the tank before cleaning (inches): Light skiff of sediment noted How was the storage tank cleaned? ROV Inspection Only How was the storage tank disinfected after cleaning? N/A List any objects found inside the tank during cleaning that may have introduced contamination into the water system (examples: debris, animals, etc.): N/A Please attach tank as-built drawings (if available) or a sketch of the tank's configuration and dimensions including the location, layout and dimensions of all major components (i.e. access hatch, vent, overflow, drain) | | | | |

| Buried or Partially Buried Tanks <input checked="" type="checkbox"/> Check if NA | | | | |
|---|--|---|--|--|
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Is the vent covered with #24 mesh corrosion resistant screening? | If no, install proper #24 mesh corrosion resistant screening. | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Does the air vent terminate downward? | If no, re-configure the vent so that it terminates downward. | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Is the air vent at least 24" above the tank roof or ground surface (whichever is higher)? What is the height of the vent above the roof or ground surface? | If no, raise air vent to provide for an appropriate air gap. | | |

| Access Hatch | | | | |
|---|--|--|---------------------------------|---------------------------------|
| Significant Deficiency | | Required Correction | Proposed Completion Date | Proposed Completion Date |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is the hatch raised at least 4" above the roof (for ground level or elevated tanks) or at least 24 inches above the roof or ground, whichever is higher (for buried or partially buried tanks)? What is the height of the access hatch above the roof or ground surface? | If no, the hatch should be raised to the appropriate height above the tank roof or ground. | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Does the hatch have a shoe box lid? | If no, a properly designed shoe box type lid should be installed. | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Is the lid water tight and sealed with a rubber gasket? | If no, the reason for the lack of a seal should be investigated and repaired. | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Is the hatch locked? | If no, the hatch should be equipped with a lock. | | |

| Overflow <input type="checkbox"/> Check if NA | | | | |
|---|---|---|---------------------------------|---------------------------------|
| Significant Deficiency | | Required Correction | Proposed Completion Date | Proposed Completion Date |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Discharge has #24 mesh corrosion resistant screen OR a duckbill valve OR a properly sealed flapper valve with a screen inside (EPA recommends #24 mesh screen)? | If no, indicate proposed correction: | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Overflow terminates between 12 and 24 inches above the ground surface? At what height does the overflow discharge? | If no, modify overflow to provide for an appropriate air gap. | | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Overflow discharges over an inlet structure, splash plate, or engineered rip-rap? | If no, indicate proposed correction: | | |



COMPLETE RESTORATION, LLC

Paint, Repair and Construction Services

P.O. Box 282 Henderson, KY 42419

PHONE: (270) 869-7150 FAX: (270) 572-4589



Farmdale Water District

100 Highwood Dr.

Frankfort, KY 40601

Name of Tank: Cool Brick Tank

Date of Inspection: 2/5/2024

223,000 Gallon S.P.T.

Mr. Chris Ralph

Manager

(502) 223-3562

Contract #: 23125

If you would like to speak with someone concerning this report, call (270) 869-7150.



Farmdale Water District
223,000 Gallon S.P.T.

Introduction

This is a report of the general conditions found by Complete Restoration, LLC during an inspection which took place for **Farmdale Water District** on **2/5/2024**.

The findings from our inspection are identified, and conditions are noted as visible at the time of inspection.

The overall structural integrity or estimated life span calculation is not part of this service. If a structural analysis is needed, we shall utilize a licensed engineer from the territory in which the structure is located to preform such need.

Items not sited with codes or standards should be considered on “preventive maintenance” basis. Preventive maintenance is defined as regularly scheduled inspections, tests, servicing, repairs, replacements, and other tasks intended to reduce the frequency and impact of equipment failures. Your Complete Restoration, LLC account manager can discuss these items more in depth upon request.

Commonly cited standards and codes used in this document are from and owned by the following agencies. When a standard is cited it is identified in RED and the standards shall be *italicize*.

NFPA (National Fire Protection Association)

<https://www.nfpa.org/>

AWWA (American Water Works Association)

<https://www.awwa.org/>

OSHA (Occupational Safety and Health Administration)

<https://www.osha.gov/>



**Farmdale Water District
223,000 Gallon S.P.T.**



Photo shows the condition of access road. The access road was found to be in good condition at the time of inspection.



**Farmdale Water District
223,000 Gallon S.P.T.**

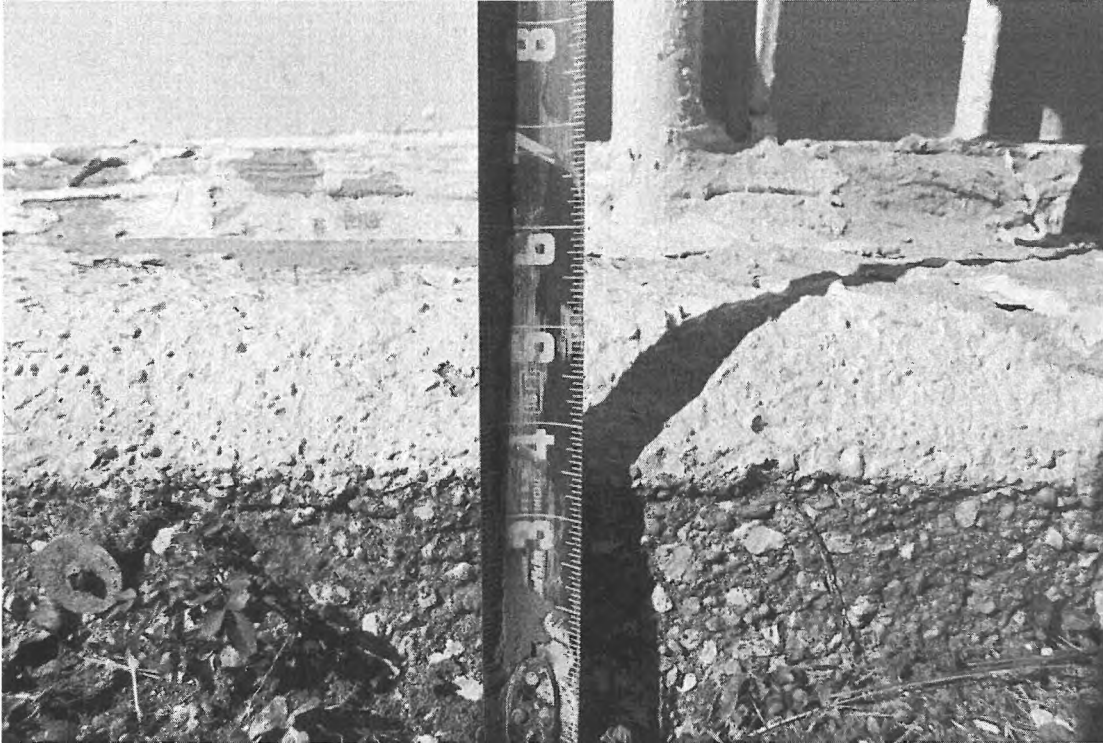


Photo shows the condition of the foundation. **AWWA D100-11 Sec 12.7.1** states *"Height aboveground. The tops of the concrete foundations shall be a minimum of 6 in. (152 mm) above the finish grade, unless otherwise specified."*

We recommend to:

Clear top soil away from the tank foundation, down to a minimum 6" below top of foundation. The grade should be sloped to provide positive drainage away from the tank foundation.

This work should be done by a local excavating/landscape company.

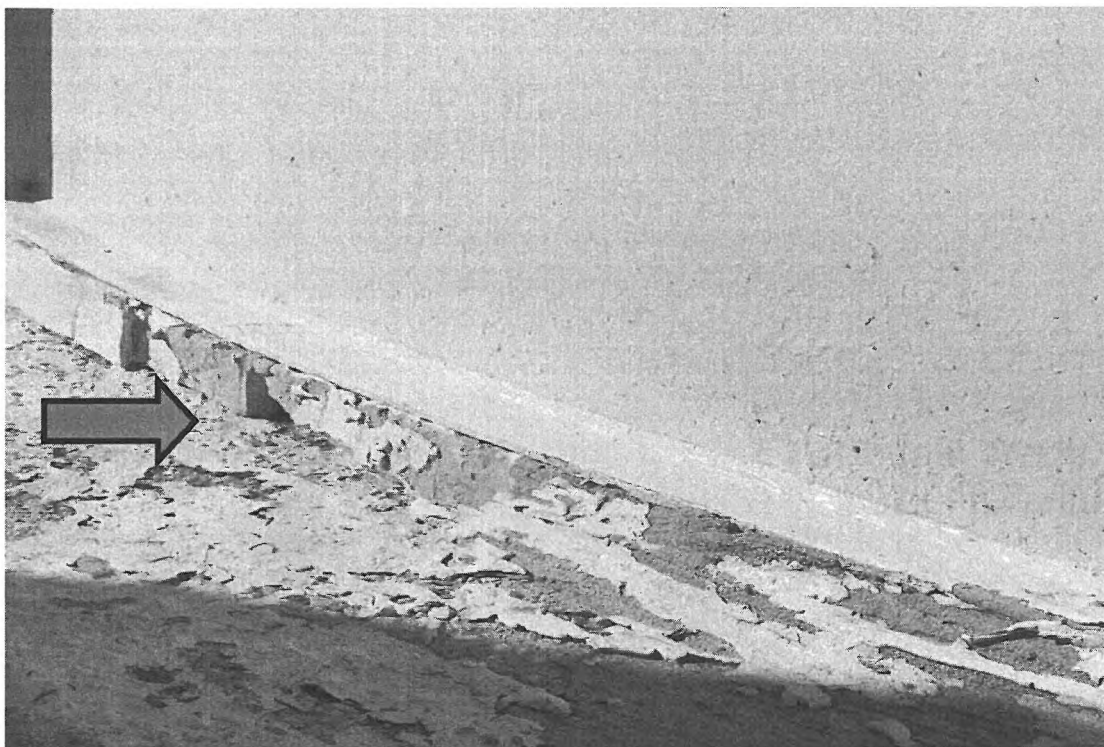
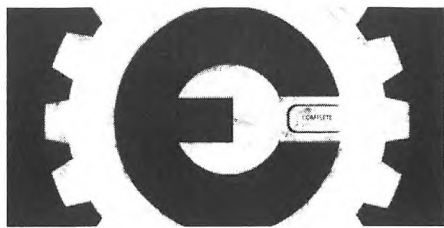


Photo shows the condition of the tank to foundation connection. This connection is not properly sealed and is allowing water to enter the underside of the tank floor. This is causing deterioration of the underside of the tank floor. **AWWA D100-11 Sec 12.7.5** states *“The top of the foundation outside the tank or base plate shall be level or sloped to drain from the tank or base plate.”*

We recommend to:

- Repair any grout as needed.
- Caulk around the base of the tank to foundation connection.



**Farmdale Water District
223,000 Gallon S.P.T.**

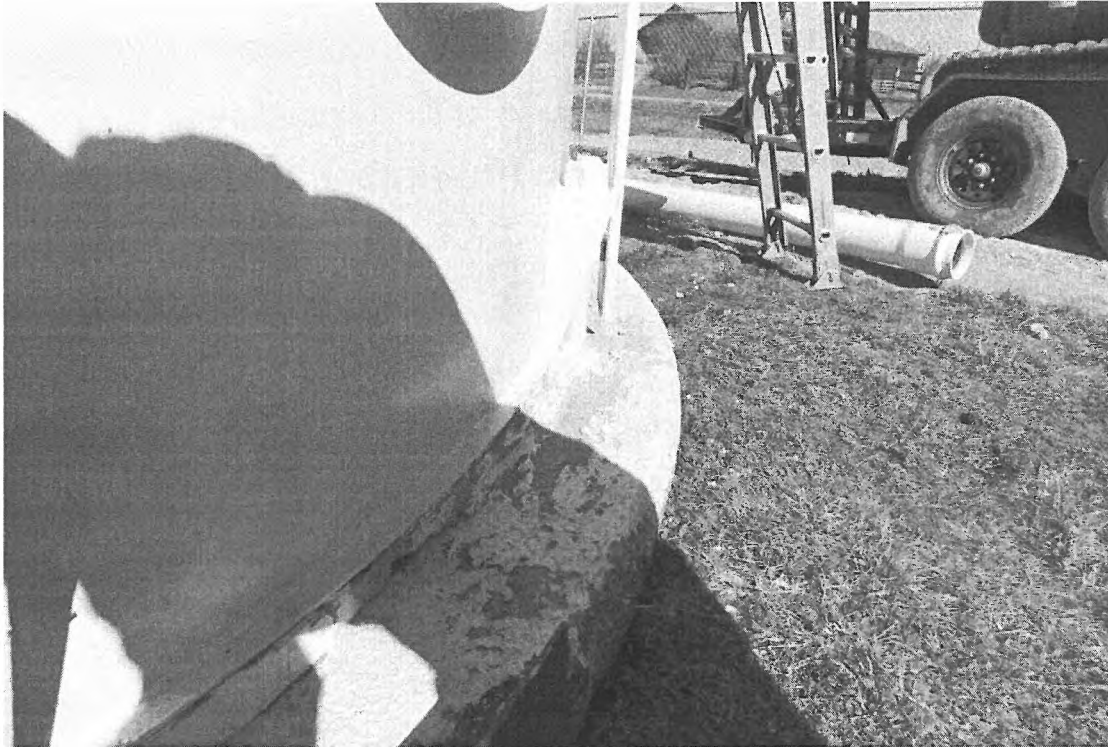


Photo shows the condition of the tank foundation. Notice the cracks and spalled areas.

We recommend to:

Repair all cracks and spalled areas by installing a commercial patch.
Clean and seal the foundation with a sealant.



**Farmdale Water District
223,000 Gallon S.P.T.**



Photo shows more of the condition of the tank. Notice the tank is electrically grounded for lightning protection. **NFPA 22-2018 Sec. 4.9** states *"To prevent lightning damage to tanks. Protection shall be installed in accordance with NFPA 780."*



**Farmdale Water District
223,000 Gallon S.P.T.**

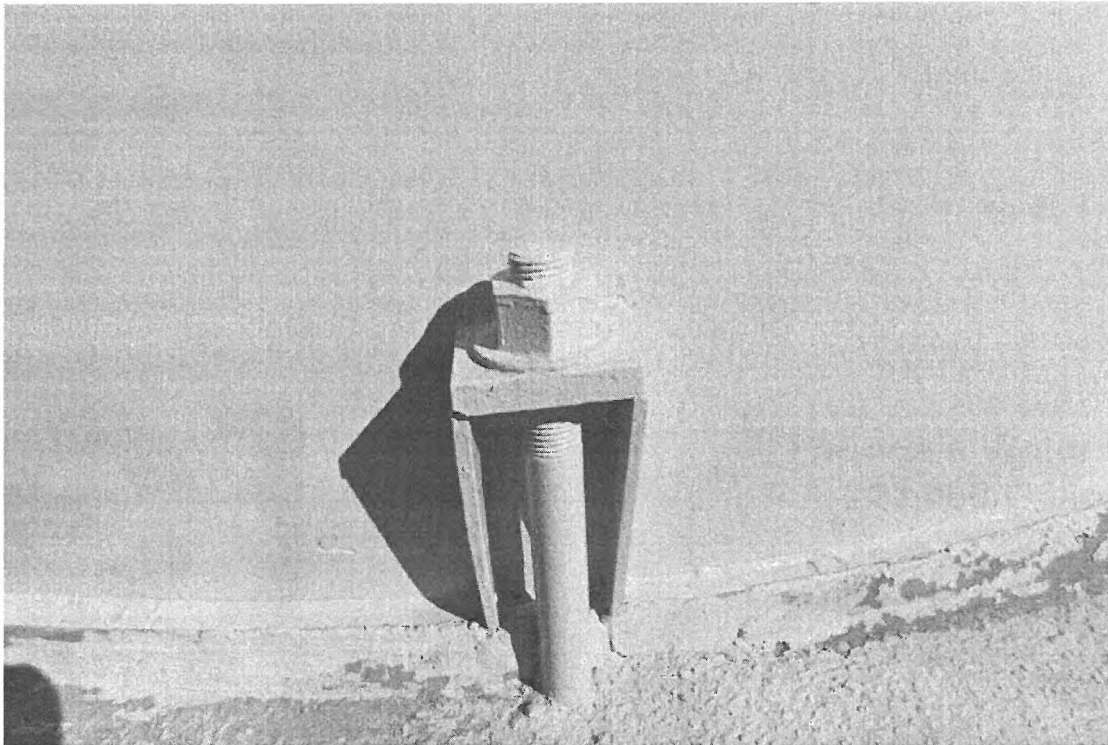


Photo shows the condition of the anchor bolts. The anchor nut has been tack welded to the threads to prevent loosening. **AWWA D100-11 Sec. 3.8.5.1-(5) (b).** states *“For all other bolts, lock nuts shall be provided or the threads shall be peened to prevent loosening of the nuts.”*



**Farmdale Water District
223,000 Gallon S.P.T.**



Photo shows the base of the tank. Currently there is no drain valve. A drain valve performs two functions it allows the tank to be drained and it is used as a blowout to remove silt and scale from the lower portion of the tank.

We recommend to:

- Install a frost proof drain valve.
- Install a locking device to prevent unauthorized draining.
- Install a 4' x 6' splash pad to direct water away from the foundation.



Farmdale Water District
223,000 Gallon S.P.T.

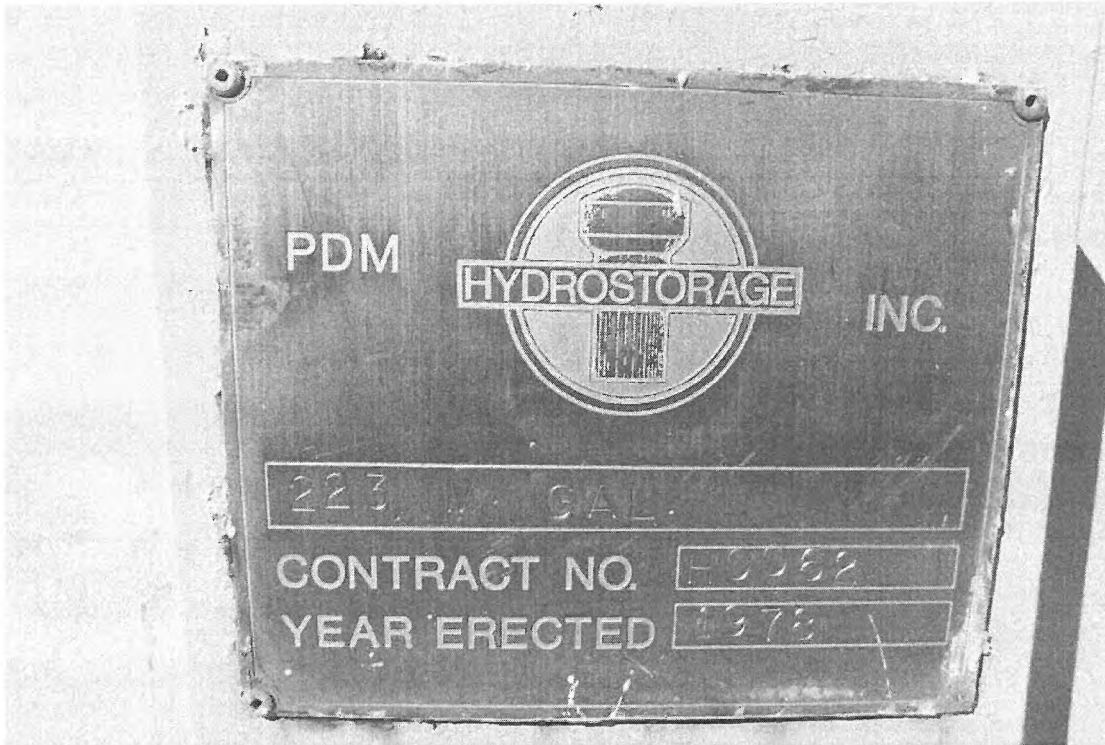


Photo shows the condition of the tank name plate.



**Farmdale Water District
223,000 Gallon S.P.T.**

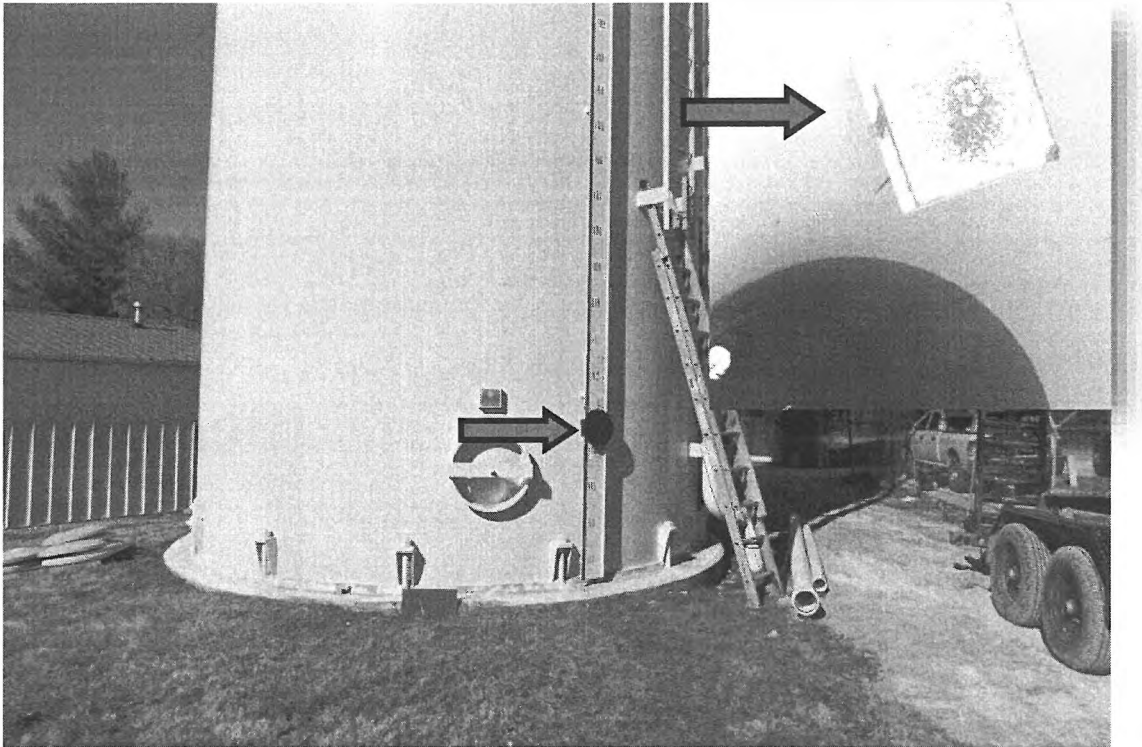
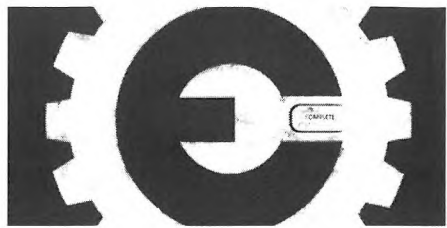


Photo shows the condition of the liquid level indicator. The level indicator is damaged and requires replacement due to age of components.

We recommend to:

Replace the liquid level indicator with a new system that is equipped with a target board reading the tank height.



**Farmdale Water District
223,000 Gallon S.P.T.**

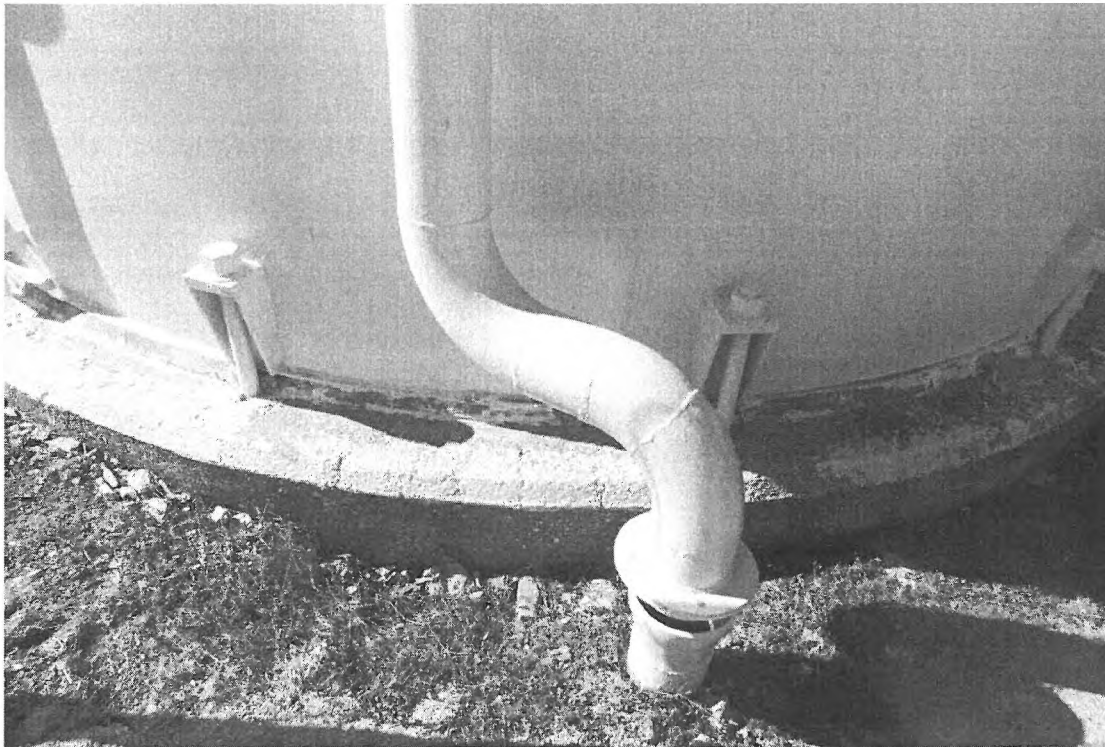
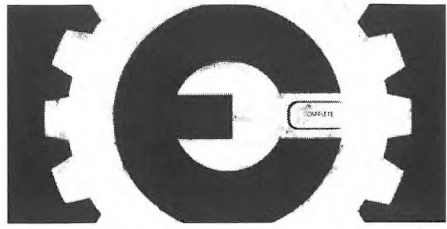


Photo shows the overflow. The overflow extends to grade and is properly guarded. *AWWA D100-11 Sec. 7.3 states "...Unless otherwise specified, the outlet of the overflow pipe shall be covered with a coarse, corrosion-resistant screen equivalent to 3/8 in. (9.5 mm) or larger mesh, or a flap valve."*



Farmdale Water District
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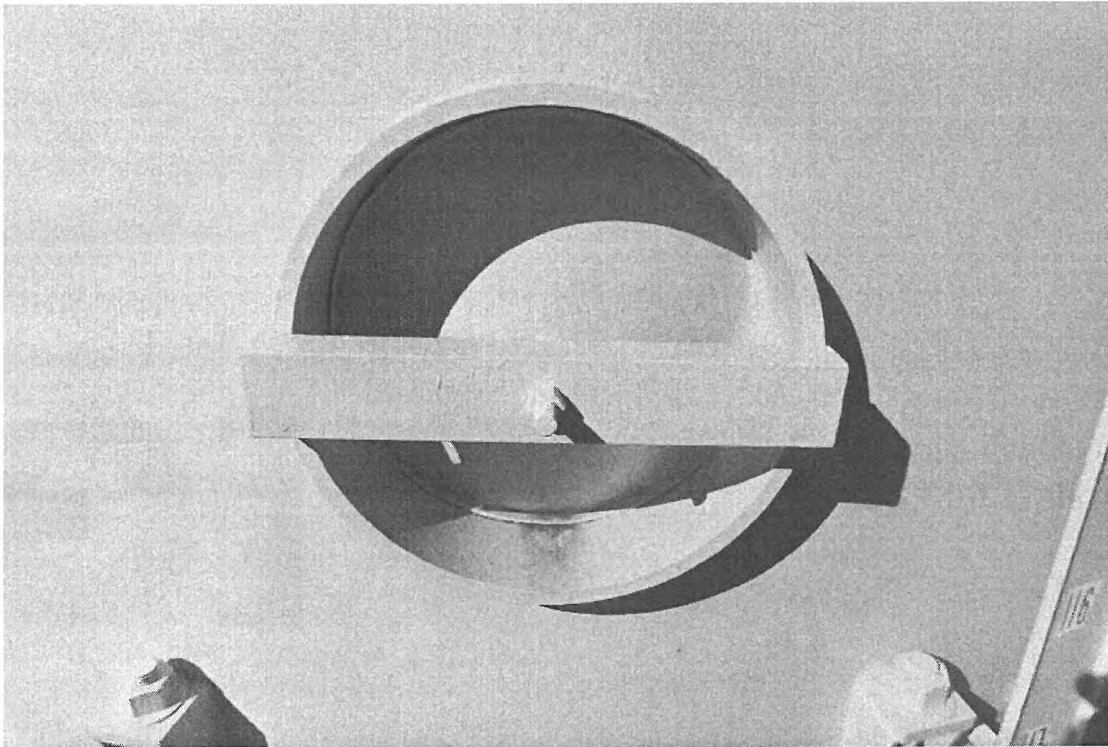


Photo shows the primary 24" shell manway. The manway is not equipped with the required signage. **OSHA 1910.146(c)(2)** states *"If the workplace contains permit spaces, the employer shall inform exposed employees, by posting danger signs or by any other equally effective means, of the existence and location of and the danger posed by the permit spaces. NOTE: A sign reading **DANGER -- PERMIT-REQUIRED CONFINED SPACE, DO NOT ENTER** or using other similar language would satisfy the requirement for a sign."*

We recommend to:

Post a Permit Required-Confined Space Entry sign.



Farmdale Water District
223,000 Gallon S.P.T.

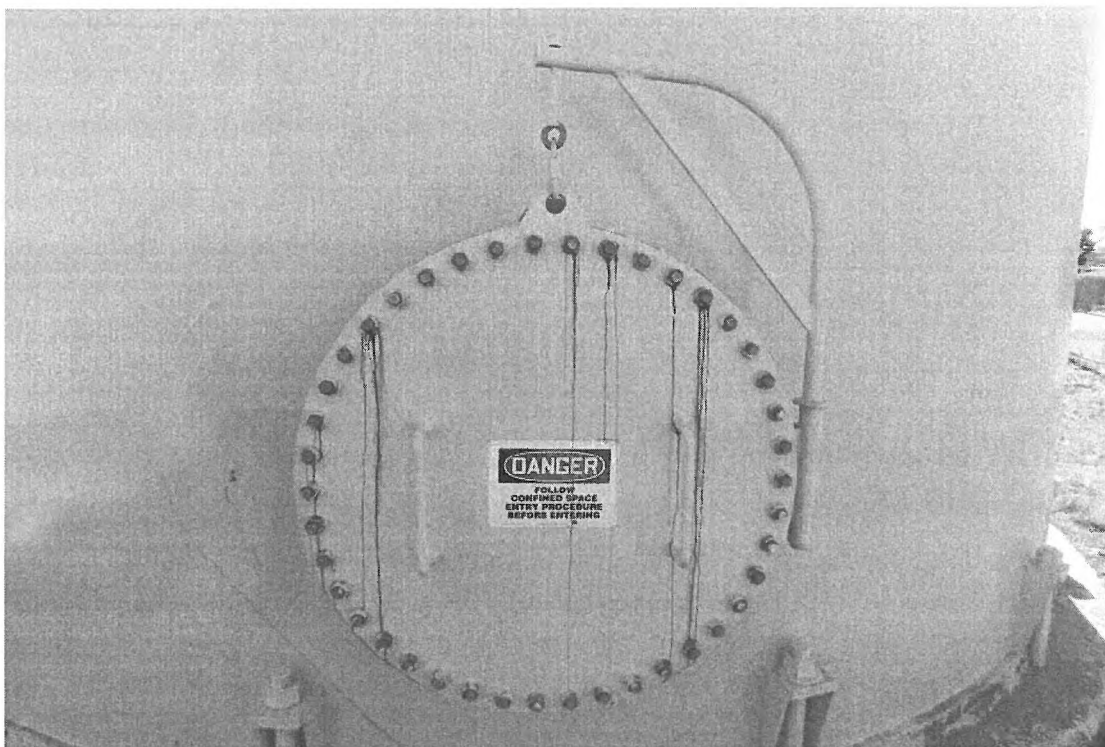
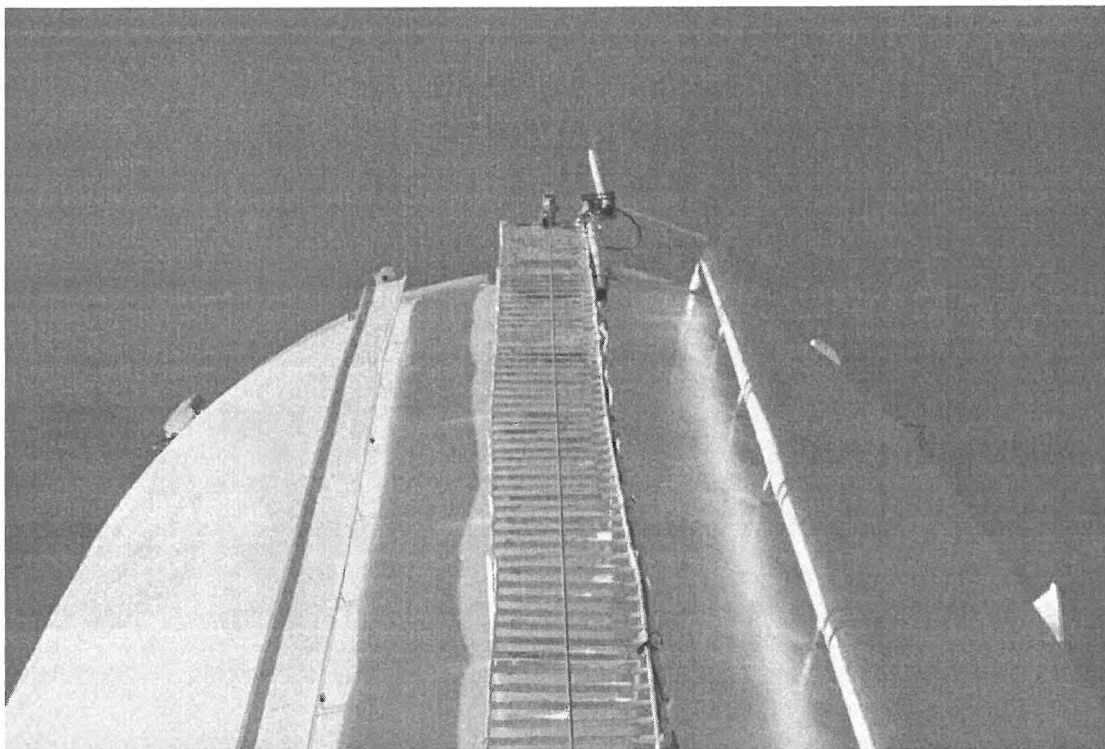


Photo shows the secondary 30" shell manway. The manway bolts are leaking and need to be replaced.

We recommend to:

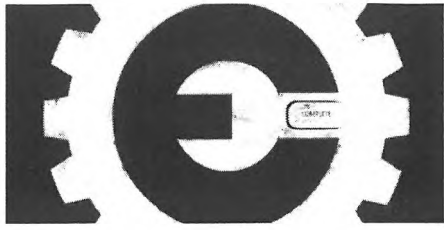
Install new galvanized manway bolts.



Shell ladder in above photo is not equipped with anti-skid rungs and the rung tape needs to be replaced. The ladder is also not equipped with a lockable ladderguard to prevent unauthorized access. **AWWA D100-11 5.4.2.1 General.** states *“Ladders shall have side rails not less than 2in. x 3/8 in. (51 mm x 9.5 mm), with a spacing between the side rails of not less than 16 in. (406 mm) and rungs not less than 3/4 in. (19 mm) round or square, spaced 12 in. (305 mm) apart on centers. Ladders shall not in any place have a backward slope. Ladders with a single point of connection, including rolling ladders, shall not be used. **Skid-resistant rungs shall be provided when specified.**”*

We recommend to:

- Install anti-skid rung cover tape to existing ladder rungs.
- Install a lockable ladder guard to prevent unauthorized access.
- Install a **Fall Protection Required** sign at base of ladder.



**Farmdale Water District
223,000 Gallon S.P.T.**

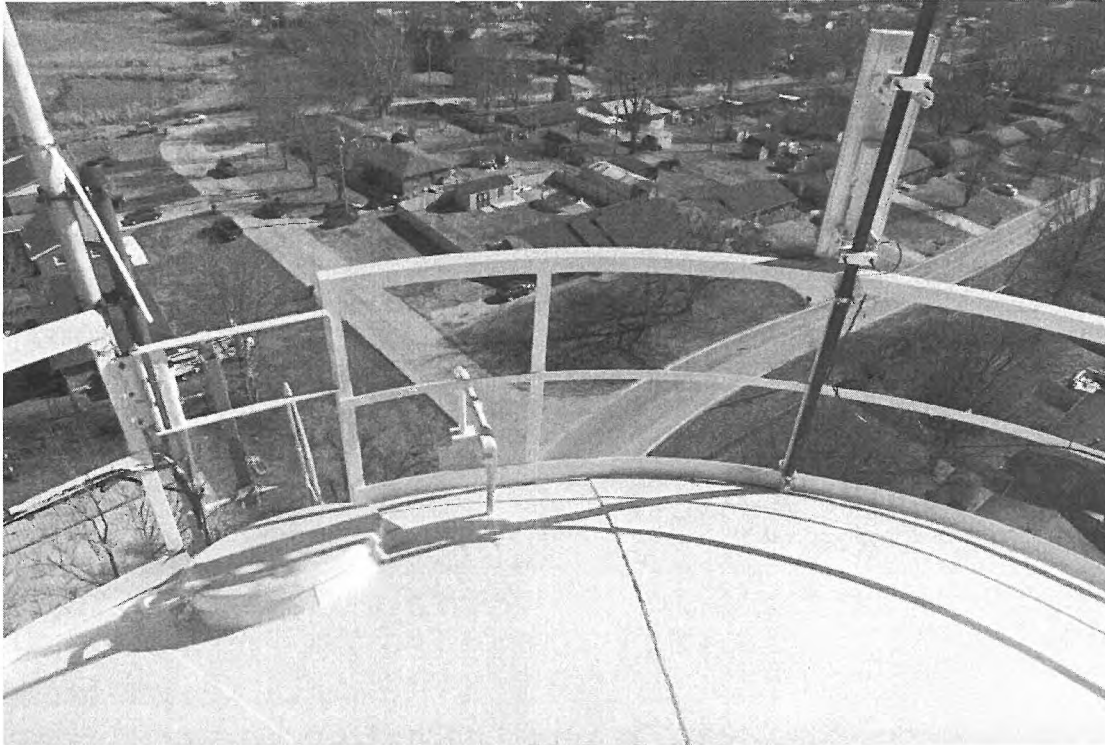


Photo shows the tank roof edge is equipped with a required handrail system for fall protection. **OSHA 1910.21 (a) (1)** states "*Every open-sided floor or platform 4 feet or more above adjacent floor or ground level shall be guarded by a standard railing (or the equivalent as specified).*"



Farmdale Water District
223,000 Gallon S.P.T.

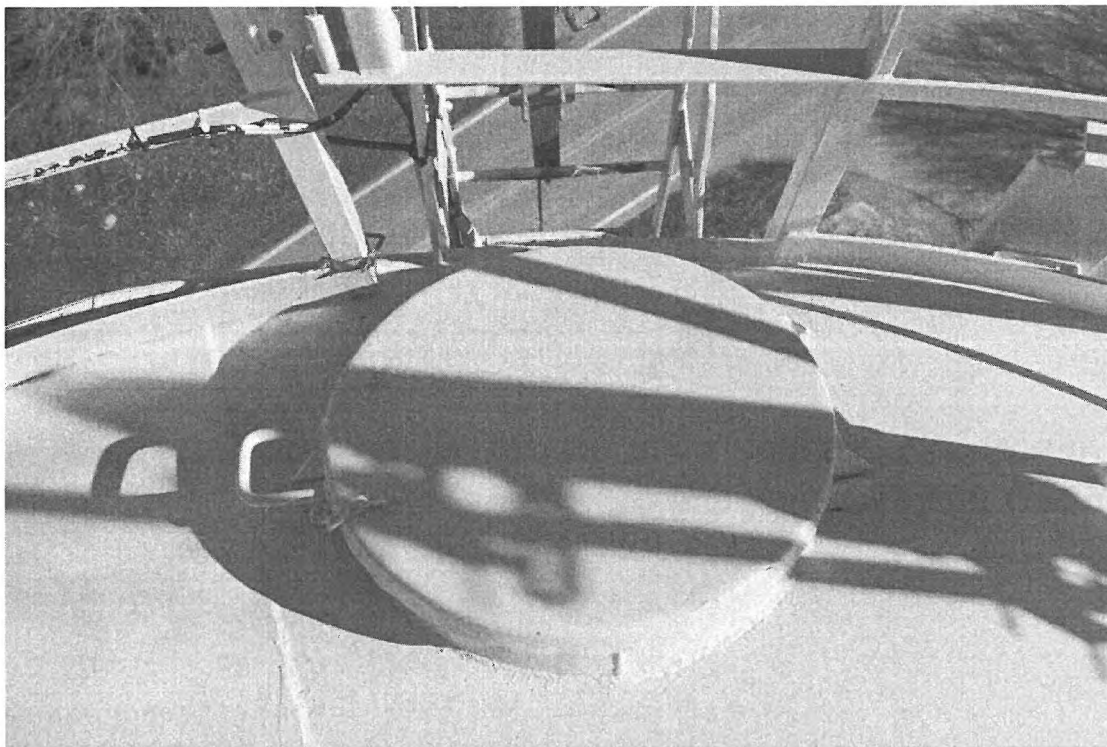


Photo shows the condition of the roof hatch. OSHA 1910.146(c)(2) states “If the workplace contains permit spaces, the employer shall inform exposed employees, by posting danger signs or by any other equally effective means, of the existence and location of and the danger posed by the permit spaces. NOTE: A sign reading **DANGER -- PERMIT-REQUIRED CONFINED SPACE, DO NOT ENTER** or using other similar language would satisfy the requirement for a sign.”

We recommend to:

Post a **Permit Required-Confined Space Entry** sign.



**Farmdale Water District
223,000 Gallon S.P.T.**

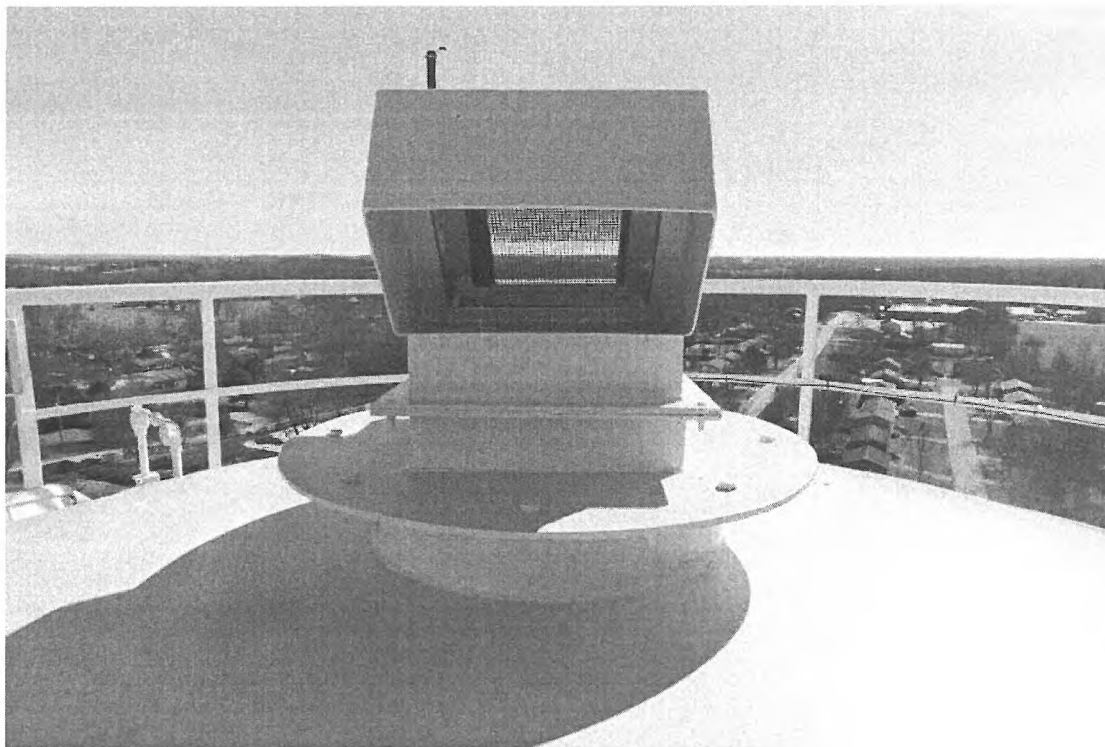


Photo shows the condition of the existing roof vent. The vent is in good condition and in compliance with all known standards



Farmdale Water District
223,000 Gallon S.P.T.

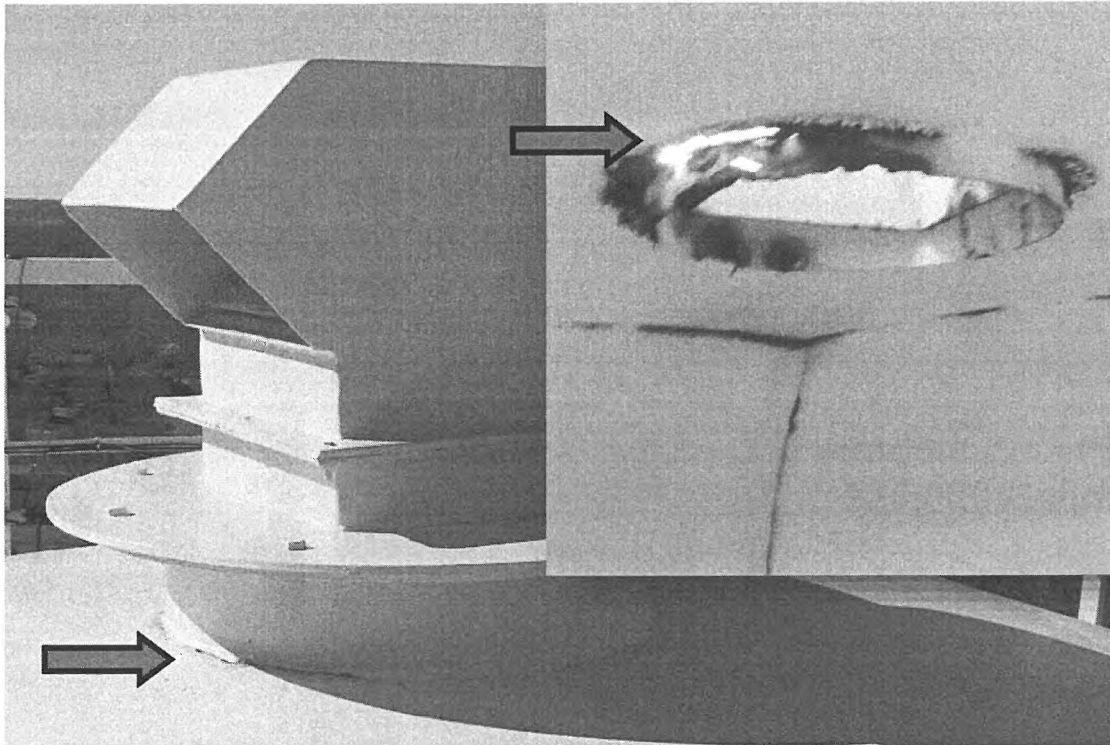


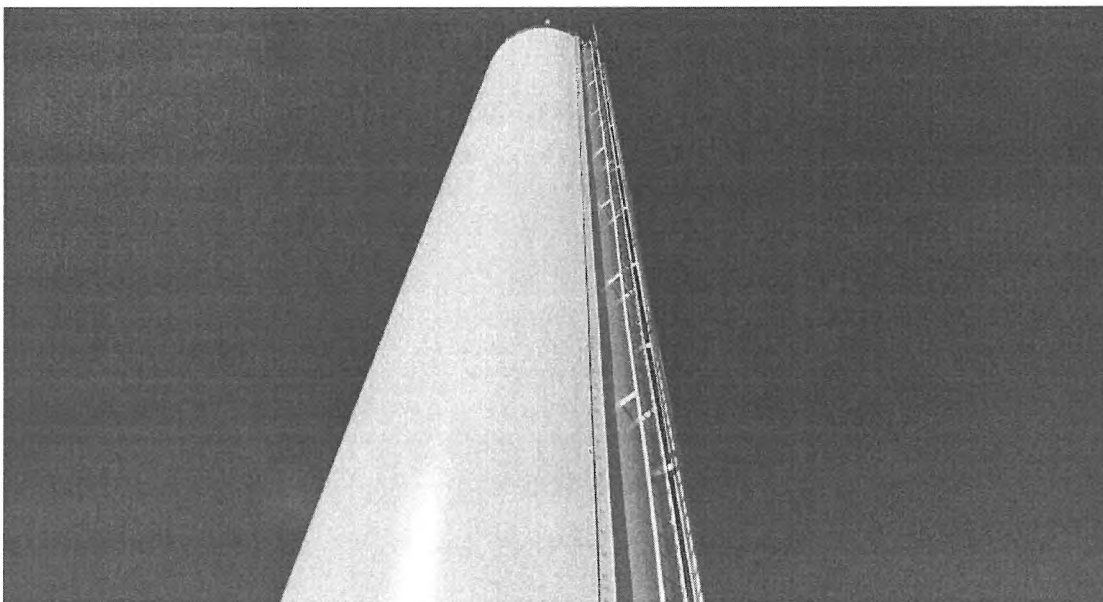
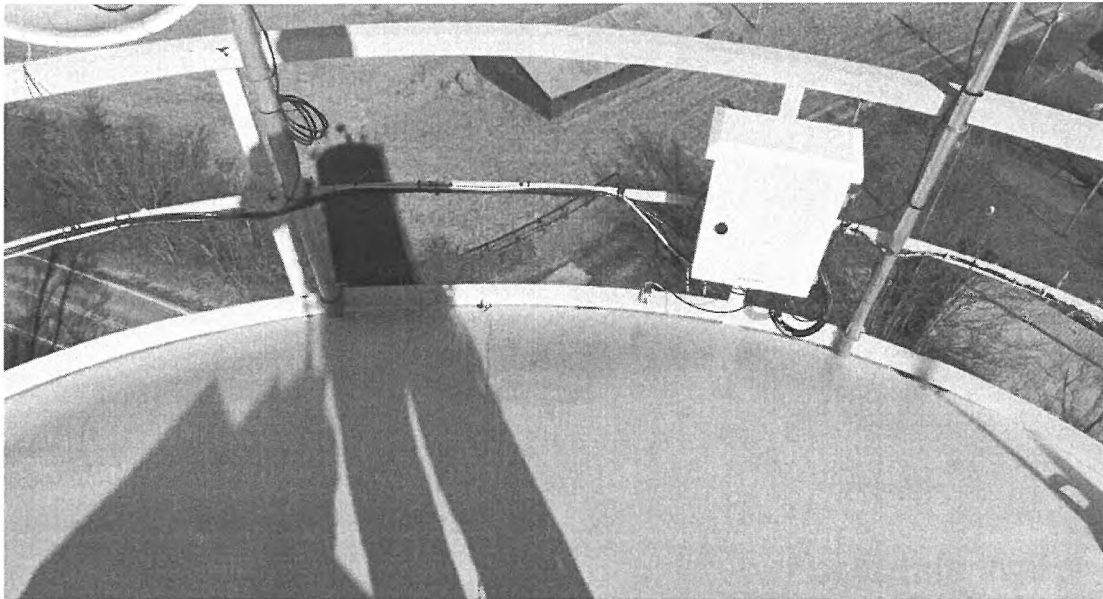
Photo shows the condition of the existing roof vent flange. The purpose of this is to allow for removal of the vent and attachment of a fan during painting services. Notice the neck is badly deteriorated and rain borne contaminants can enter the tank by blowing rain. It is also causing the interior roof to rust out.

We recommend to:

Repair the damaged connection.



**Farmdale Water District
223,000 Gallon S.P.T.**



Photos show the tank exterior coating system. Exterior coating was found to be in good condition at the time of inspection.



**Farmdale Water District
223,000 Gallon S.P.T.**

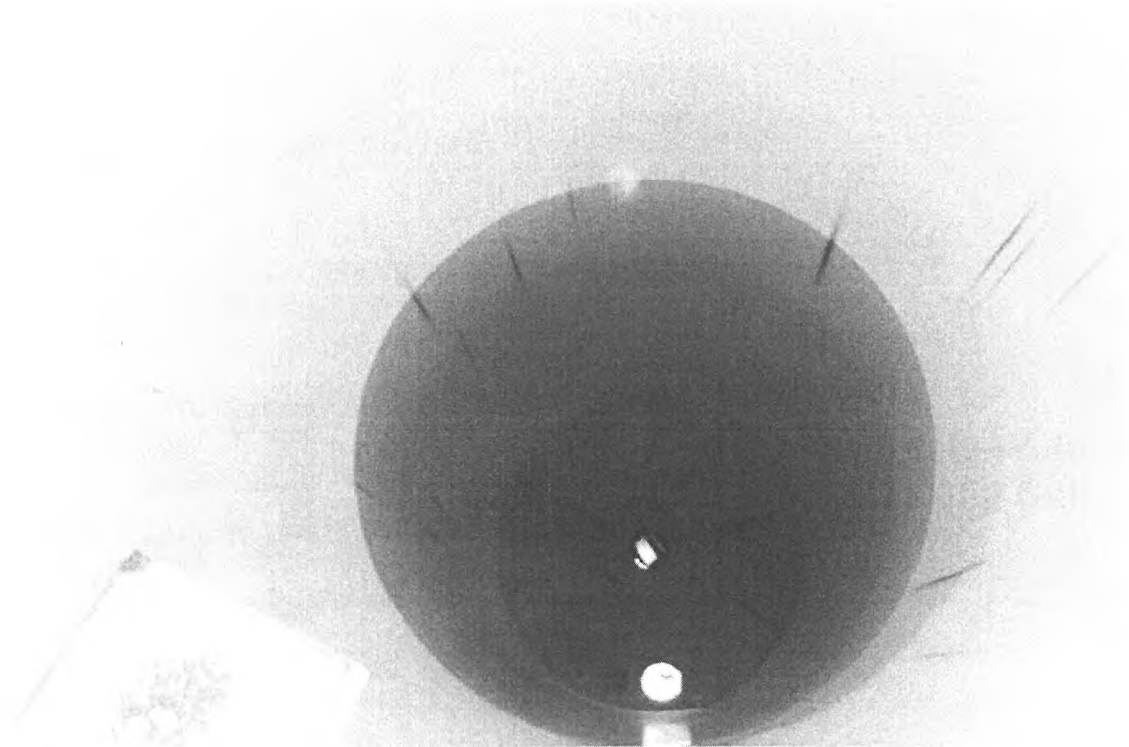


Photo shows the tank interior is not equipped with an access ladder.



**Farmdale Water District
223,000 Gallon S.P.T.**



Photo shows silt and debris in the tank.

We recommend to:

Clean the tank out.



**Farmdale Water District
223,000 Gallon S.P.T.**

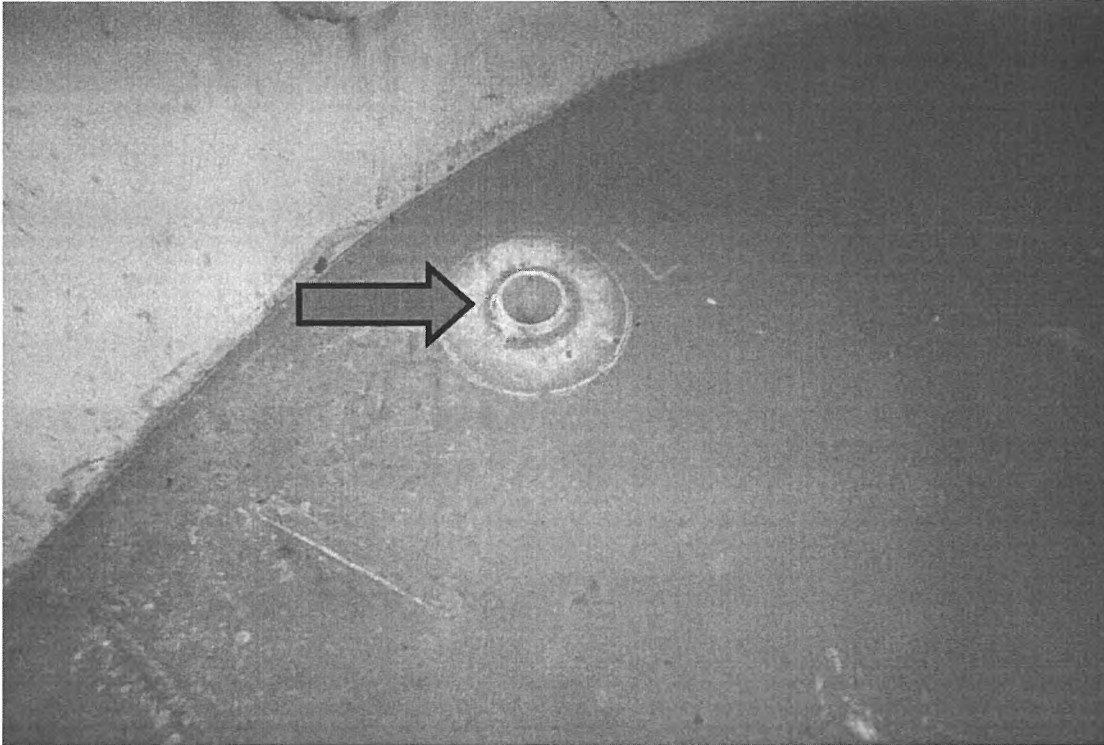


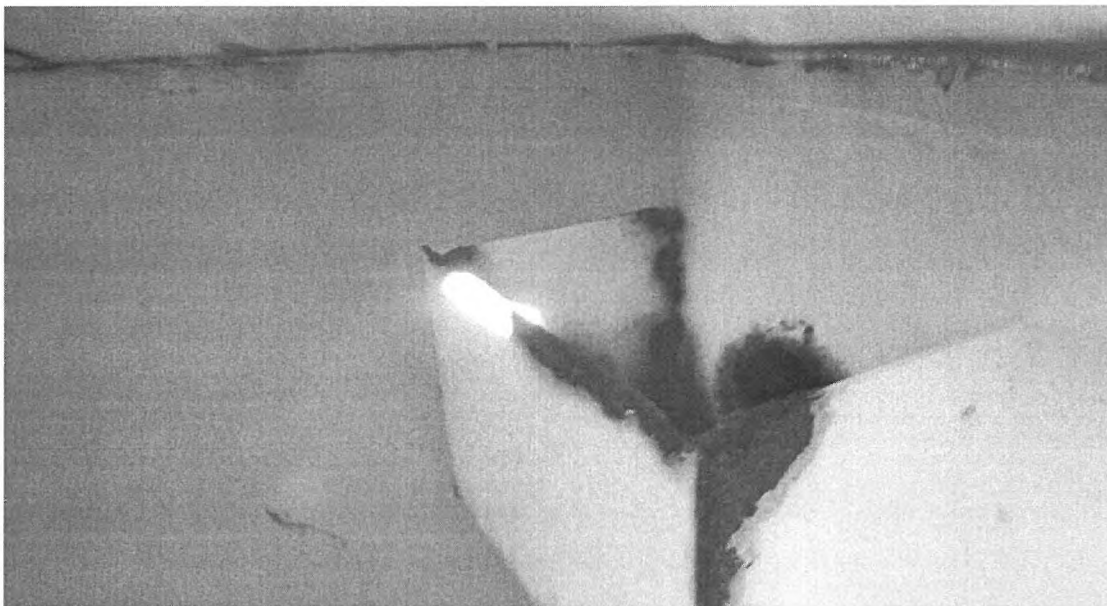
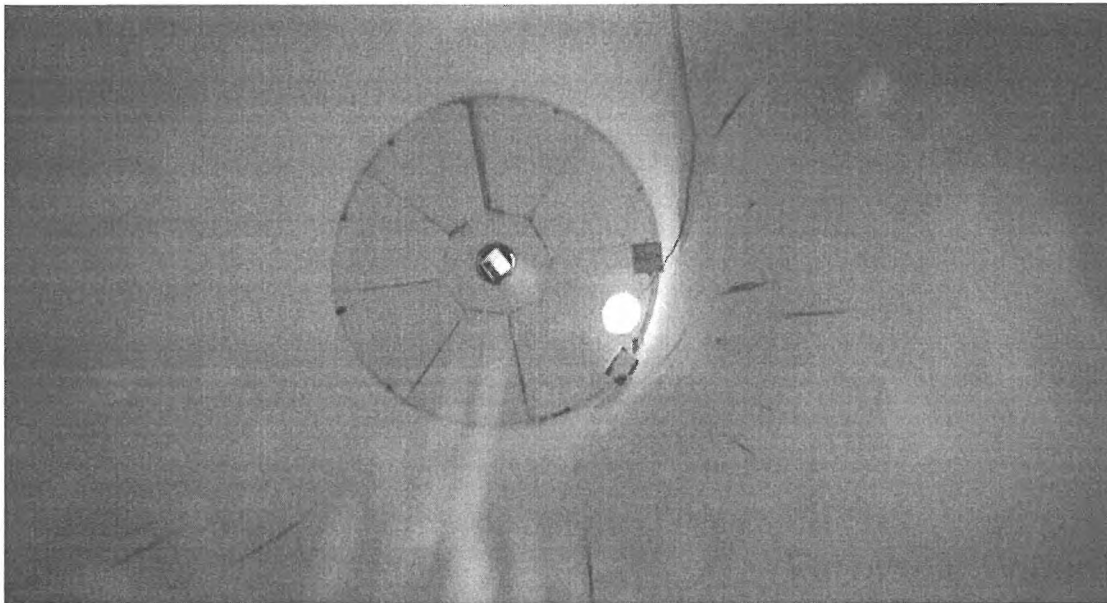
Photo shows the inlet / outlet line on the interior of the tank. Notice the inlet is not equipped with a proper silt stop. **AWWA D100-11 sec. 5.2.1** states *“If a removable silt stop is specified, it shall be at least 6 in. (152 mm) high, and the fitting or piping connection shall be flush with the riser floor when the stop is removable. If a removable silt stop is not required, the connecting pipe shall extend at least 6 in. (152 mm) (and preferably about 2.50 ft [0.79m]) above the riser floor.”*

We recommend to:

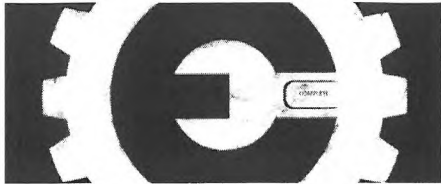
Install a proper silt stop.



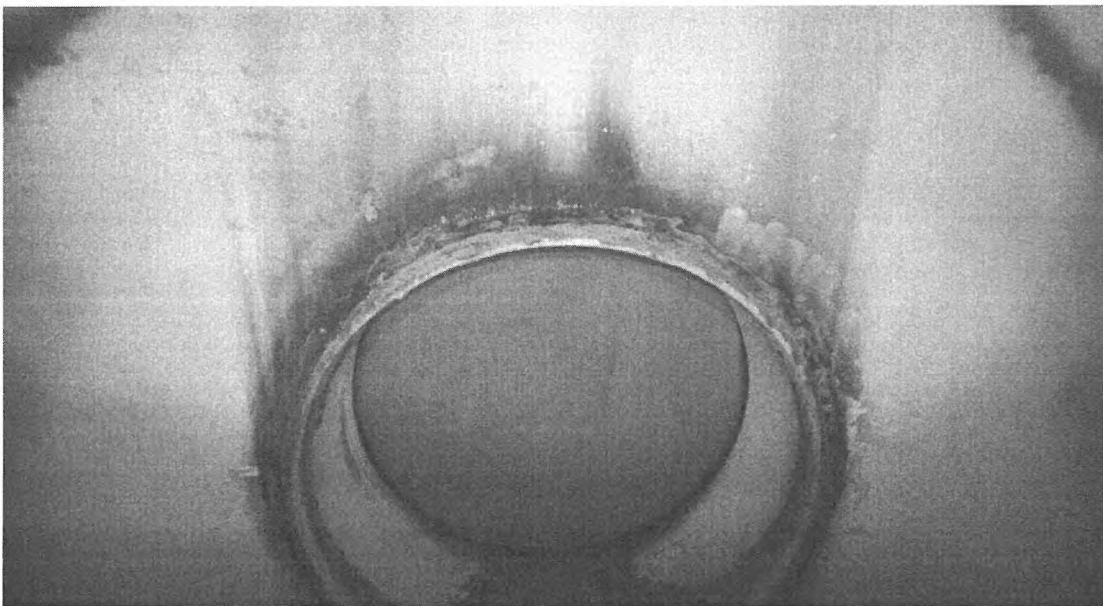
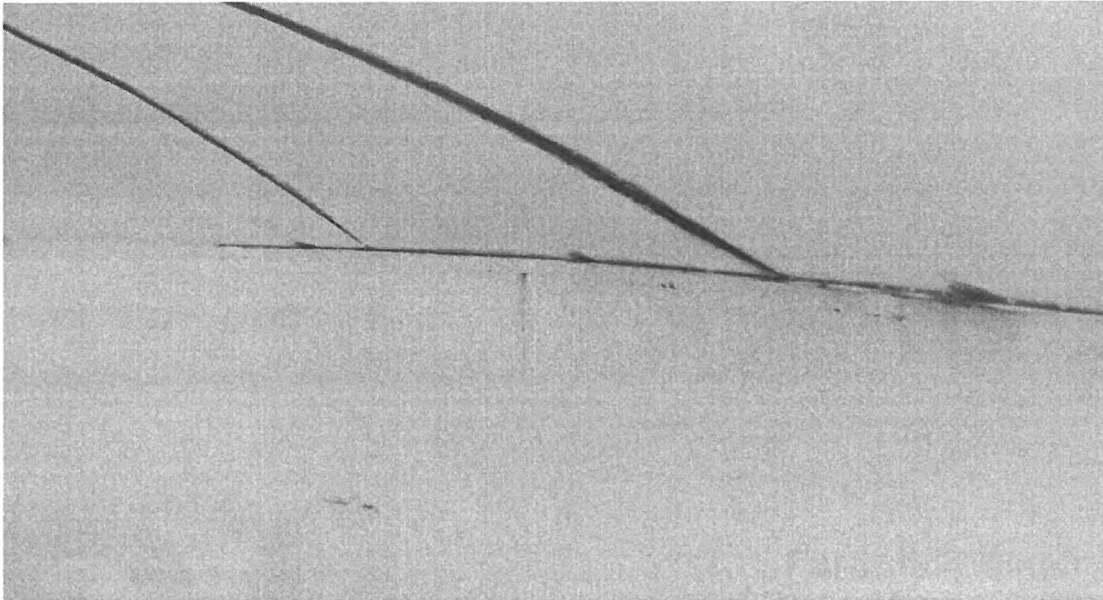
**Farmdale Water District
223,000 Gallon S.P.T.**



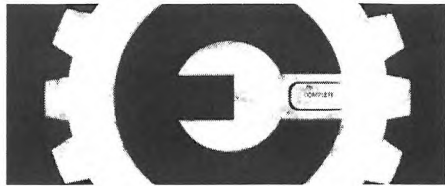
Photos show the interior coating failures of the roof and above water level.



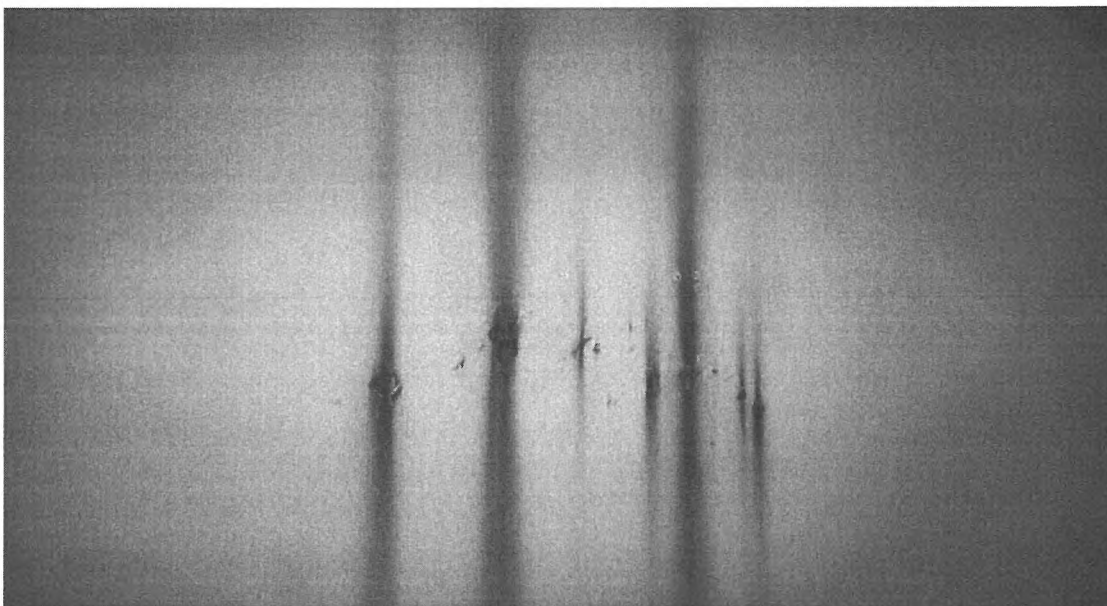
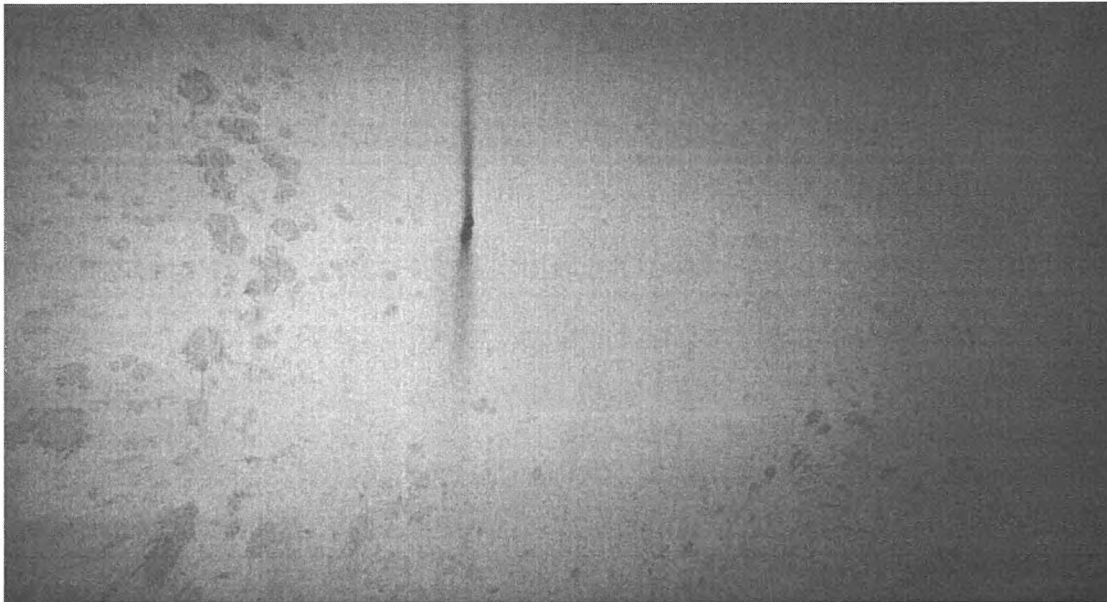
**Farmdale Water District
223,000 Gallon S.P.T.**



Photos show more of the interior coating failures.



**Farmdale Water District
223,000 Gallon S.P.T.**



Photos show the condition of the interior coating below water level. Notice the rust forming in various areas and the coating failures.

We recommend to:

Sandblast all rusted and abraded areas of the tank interior to an SSPC #10 (near white blast) condition up to 25% of the internal surface area, brush blast all remaining areas, stripe coating all seams and welds, then apply two (2) complete coats of epoxy to complete.



**Farmdale Water District
223,000 Gallon S.P.T.**

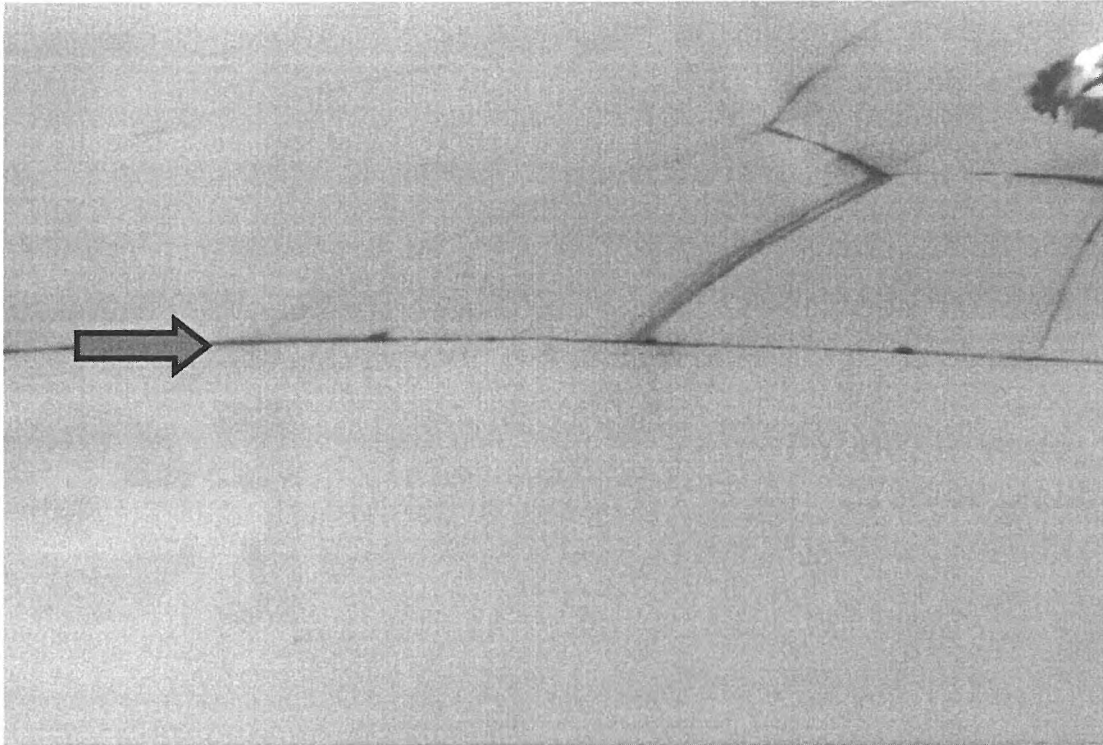


Photo shows the condition of the interior roof to rim angle connection. Notice the rust forming in the crevice between the roof and rim angle. These seams are unwelded and therefore it is hard to completely seal during painting operations.

We recommend to:

Seam seal the roof to rim angle connection with Sikaflex 1a to prevent premature failure of a new interior coating.



**Farmdale Water District
223,000 Gallon S.P.T.**

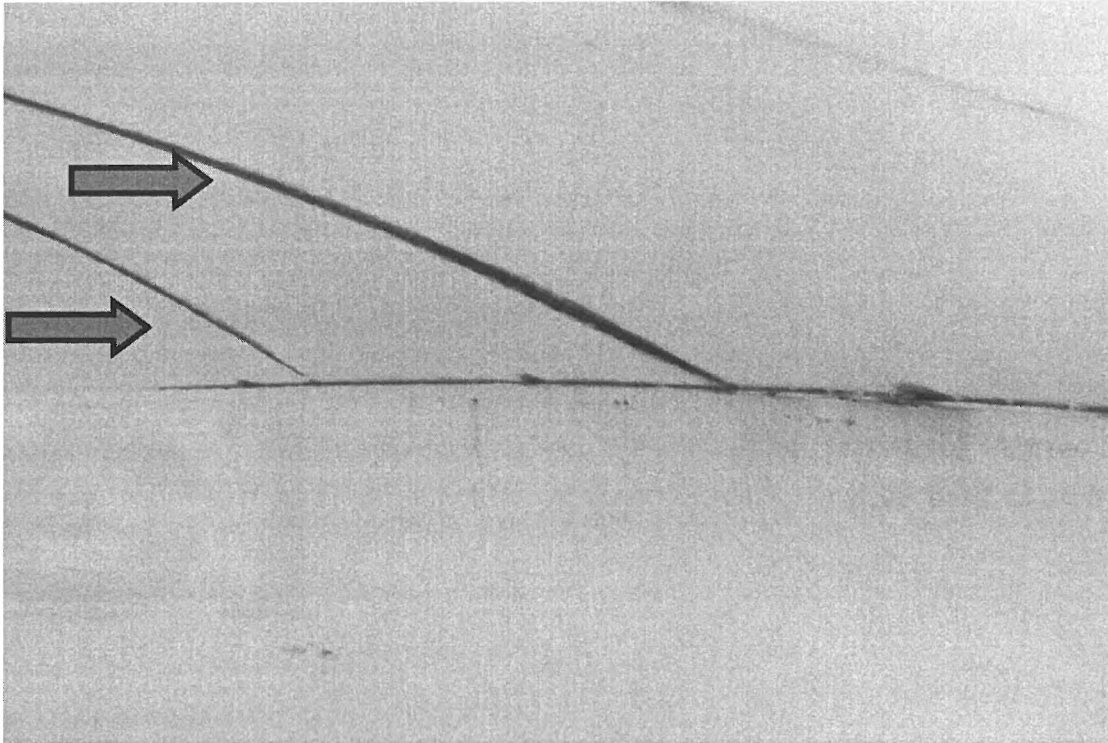


Photo shows the condition of the interior roof. Notice the rust forming at the roof lap seams. These seams are unwelded and therefore it is hard to completely seal during painting operations.

We recommend to:

Seam seal the interior roof laps seams using Sikaflex 1a on all un-welded interior roof lap seams to prevent failure of a new interior coating.



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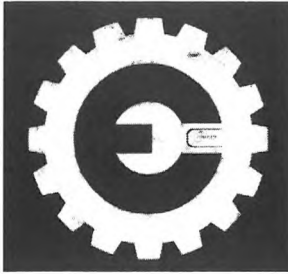
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PAGE #

RECOMMENDATIONS

| | |
|----|--|
| 4 | Clear top soil away from the tank foundation, down to a minimum 6" below top of foundation. The grade should be slopped to provide positive drainage away from the tank foundation. This work should be done by a local excavating/landscape company. |
| 5 | Repair any grout as needed. Caulk around the base of the tank to foundation connection. |
| 6 | Repair all cracks and spalled areas by installing a commercial patch. Clean and seal the foundation with a sealant. |
| 9 | Install a frost proof drain valve. Install a locking device to prevent unauthorized draining. Install a 4' x 6' splash pad to direct water away from the foundation. |
| 11 | Replace the liquid level indicator with a new system that is equipped with a target board reading the tank height. |
| 13 | Post a Permit Required-Confined Space Entry sign. |
| 14 | Install new galvanized manway bolts. |
| 15 | Install anti-skid rung cover tape to existing ladder rungs. Install a lockable ladder guard to prevent unauthorized access. Install a Fall Protection Required sign at base of ladder. |
| 17 | Post a Permit Required-Confined Space Entry sign. |
| 19 | Repair the damaged connection. |
| 22 | Clean the tank out. |
| 23 | Install a proper silt stop. |
| 26 | Sandblast all rusted and abraded areas of the tank interior to an SSPC #10 (near white blast) condition up to 25% of the internal surface area, brush blast all remaining areas, stripe coating all seams and welds, then apply two (2) complete coats of epoxy to complete. |
| 27 | Seam seal the roof to rim angle connection with Sikaflex 1a to prevent premature failure of a new interior coating. |
| 28 | Seam seal the interior roof laps seams using Sikaflex 1a on all un-welded interior roof lap seams to prevent failure of a new interior coating. |



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SUMMARY PAGE

CONTRACT #: 23125 INSPECTOR: Creager
OWNER'S REPRESENTATIVE: Mr. Chris Ralph
TITLE: Manager
TANK OWNER: Farmdale Water District
MAILING ADDRESS: 100 Highwood Dr.
PHYSICAL ADDRESS: 100 Highwood Dr.
E-MAIL: farmdalewater@gmail.com
CITY, STATE: Frankfort, KY ZIP: 40601 COUNTY: Franklin
TELEPHONE: (502) 223-3562 FAX: UNKNOWN
LOCATION OF TANK: 38.14088, -84.92392

Farmdale Water District

Date of Inspection: 2/5/2024

**Mr. Chris Ralph
Manager
(502) 223-3562**

ORIGINAL CONTRACT NO: H0062 YEAR BUILT: 1978
ORIGINAL MANUFACTURER: PDM Hydrostorage Inc. CAPACITY: 223,000 Gallon
DATE OF LAST INSPECTION: 2022 TYPE: POTABLE WATER
DIAMETER: 18' HEIGHT: 117.7' OVERFLOW: 6"
TYPE CONSTRUCTION: Welded



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Farmdale Water District
100 Highwood Dr.
Frankfort, KY 40601

Name of Tank: Stewart Home Tank
Date of Inspection: 2/6/2024
500,000 Gallon E.W.T.

Mr. Chris Ralph
Manager
(502) 223-3562

Contract #: 23125

If you would like to speak with someone concerning this report, call (270) 869-7150.



**Farmdale Water District
500,000 Gallon E.W.T.**

Introduction

This is a report of the general conditions found by Complete Restoration, LLC during an inspection which took place for **Farmdale Water District** on **2/6/2024**.

The findings from our inspection are identified, and conditions are noted as visible at the time of inspection.

The overall structural integrity or estimated life span calculation is not part of this service. If a structural analysis is needed, we shall utilize a licensed engineer from the territory in which the structure is located to preform such need.

Items not sited with codes or standards should be considered on “preventive maintenance” basis. Preventive maintenance is defined as regularly scheduled inspections, tests, servicing, repairs, replacements, and other tasks intended to reduce the frequency and impact of equipment failures. Your Complete Restoration, LLC account manager can discuss these items more in depth upon request.

Commonly cited standards and codes used in this document are from and owned by the following agencies. When a standard is cited it is identified in RED and the standards shall be *italicize*.

NFPA (National Fire Protection Association)

<https://www.nfpa.org/>

AWWA (American Water Works Association)

<https://www.awwa.org/>

OSHA (Occupational Safety and Health Administration)

<https://www.osha.gov/>



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows the condition of access road. The access road was found to be in good condition at the time of inspection.



**Farmdale Water District
500,000 Gallon E.W.T.**

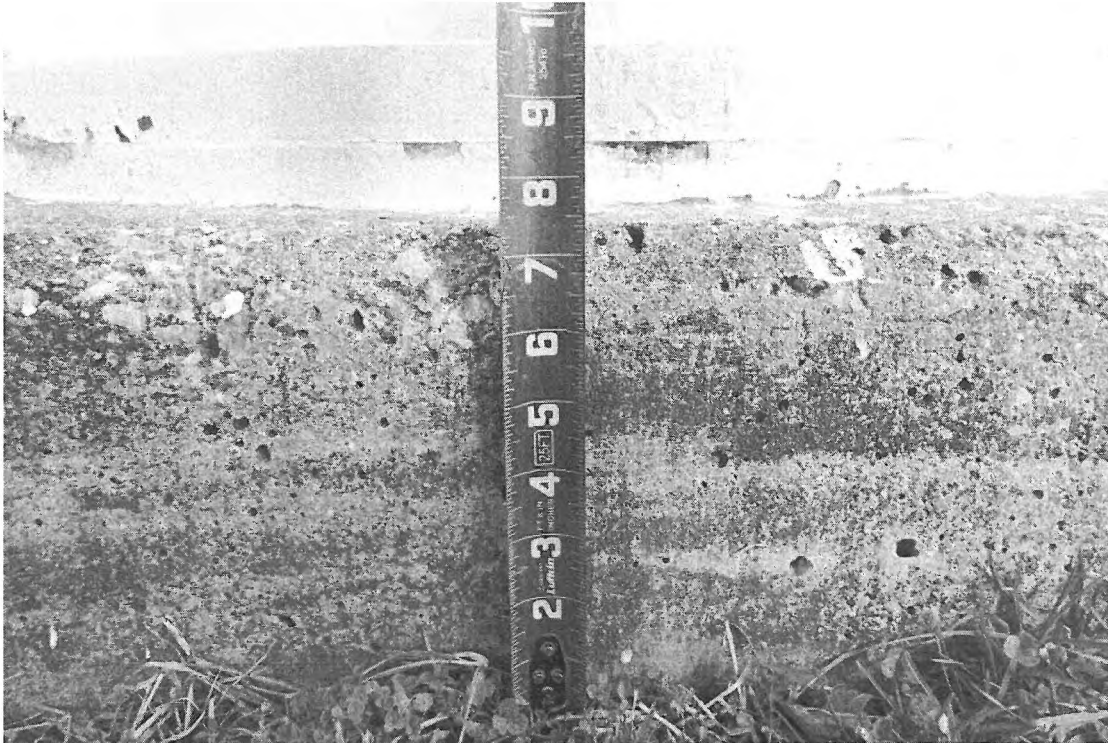
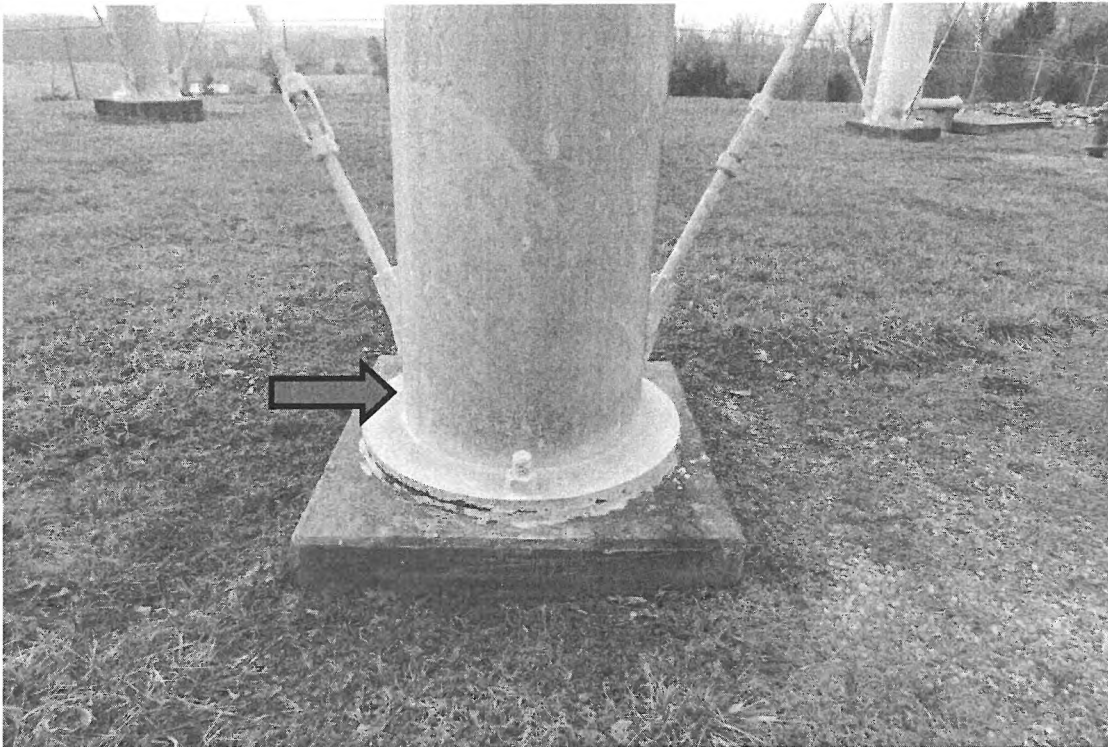


Photo shows the condition of the foundation. the foundation piers are properly exposed. *AWWA D100-11 Sec 12.7.1 states "Height aboveground. The tops of the concrete foundations shall be a minimum of 6 in. (152 mm) above the finish grade, unless otherwise specified."*



**Farmdale Water District
500,000 Gallon E.W.T.**



Notice the tank is not electrically grounded for lightning protection. **NFPA 22-2018 Sec. 4.9** states *“To prevent lightning damage to tanks. Protection shall be installed in accordance with NFPA 780.”*

We recommend to:

Electrically ground the tank for lightning protection.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows the condition of the anchor bolts. The anchor nuts have been tack welded to the base plate. "AWWA D100-11 Sec. 3.8.5.1-(5)(b) states "For all other bolts, lock nuts shall be provided or the threads shall be peened to prevent loosening of the nuts."



**Farmdale Water District
500,000 Gallon E.W.T.**

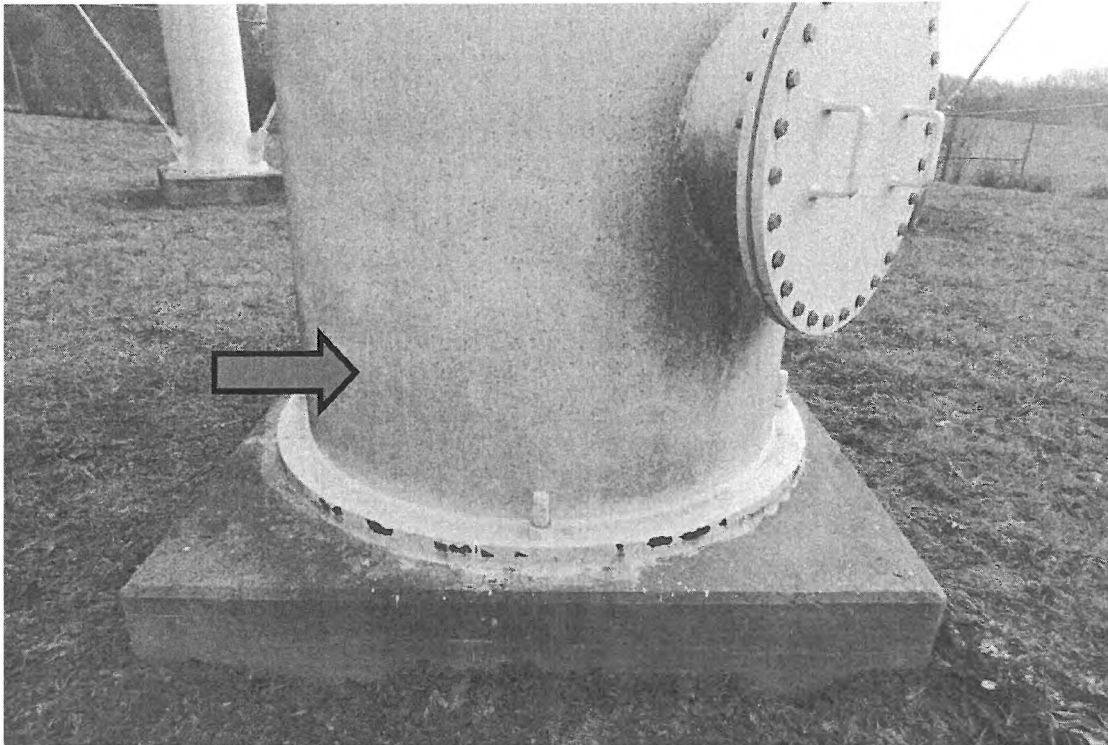
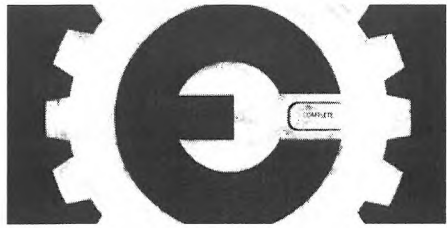


Photo shows the base of the riser pipe. Currently there is no riser drain valve. A drain valve performs two functions it allows the tank to be drained and it is used as a blowout to remove silt and scale from the lower portion of the tank.

We recommend to:

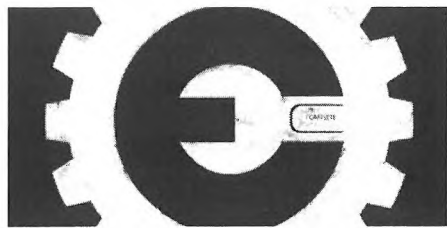
- Install a frost proof drain valve.
- Install a locking device to prevent unauthorized draining.
- Install a 4' x 6' splash pad to prevent erosion.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows the tank's name plate.



**Farmdale Water District
500,000 Gallon E.W.T.**

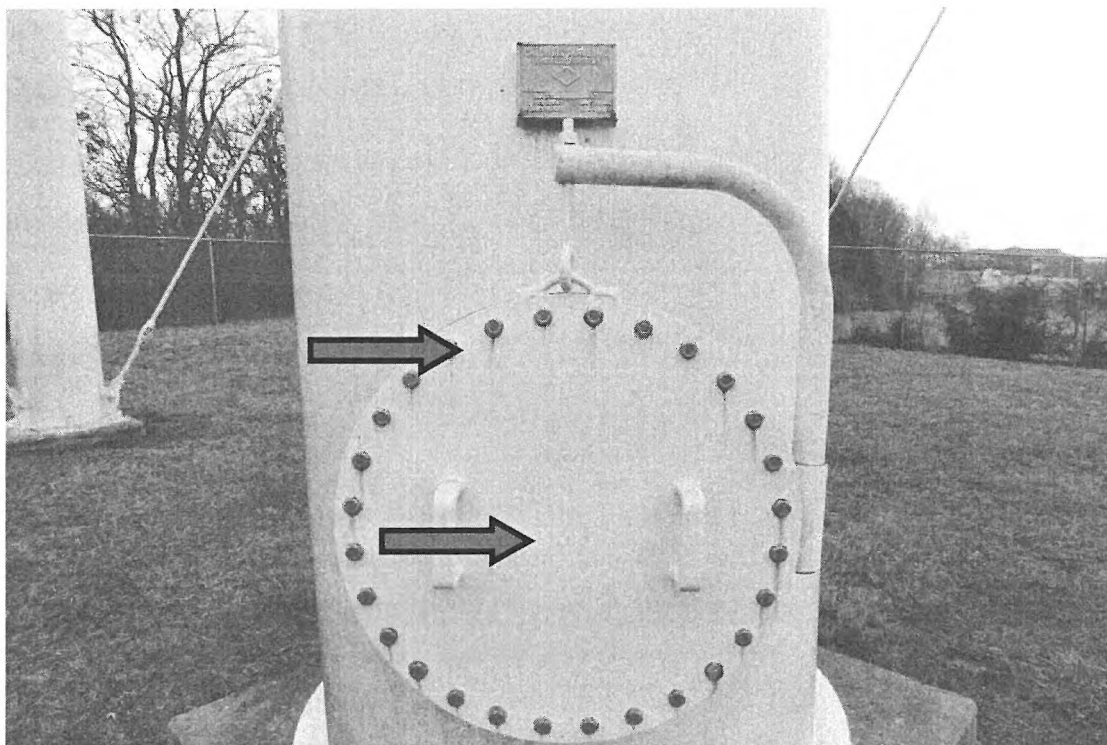


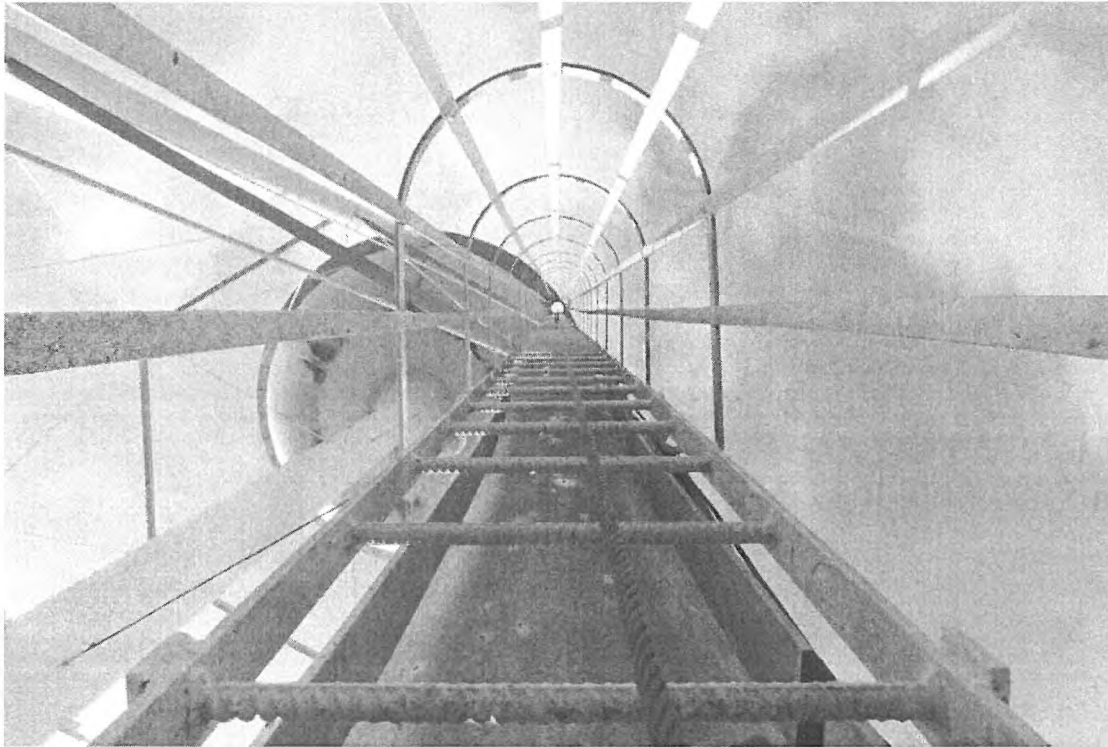
Photo shows the condition of the riser manway. The manway is missing the proper signage and the manway bolts are rusted and require replacement. .
AWWA D100-11 Sec. 5.4.4 Steel riser manhole. states "Riser 36in. (910 mm) in diameter and greater shall contain a manhole about 3 ft (0.91 m) above the base of the riser. The manhole shall not be less than 12 in. x18 in. (305 mm x 457 mm) in size, and the opening shall be reinforced in accordance with Sec. 3.13

We recommend to:

Install new galvanized bolts in the riser manway.
Post **Permit Required-Confined Space Entry** sign.



**Farmdale Water District
500,000 Gallon E.W.T.**



Tower access ladder in above photo is in compliance with all known standards.



**Farmdale Water District
500,000 Gallon E.W.T.**

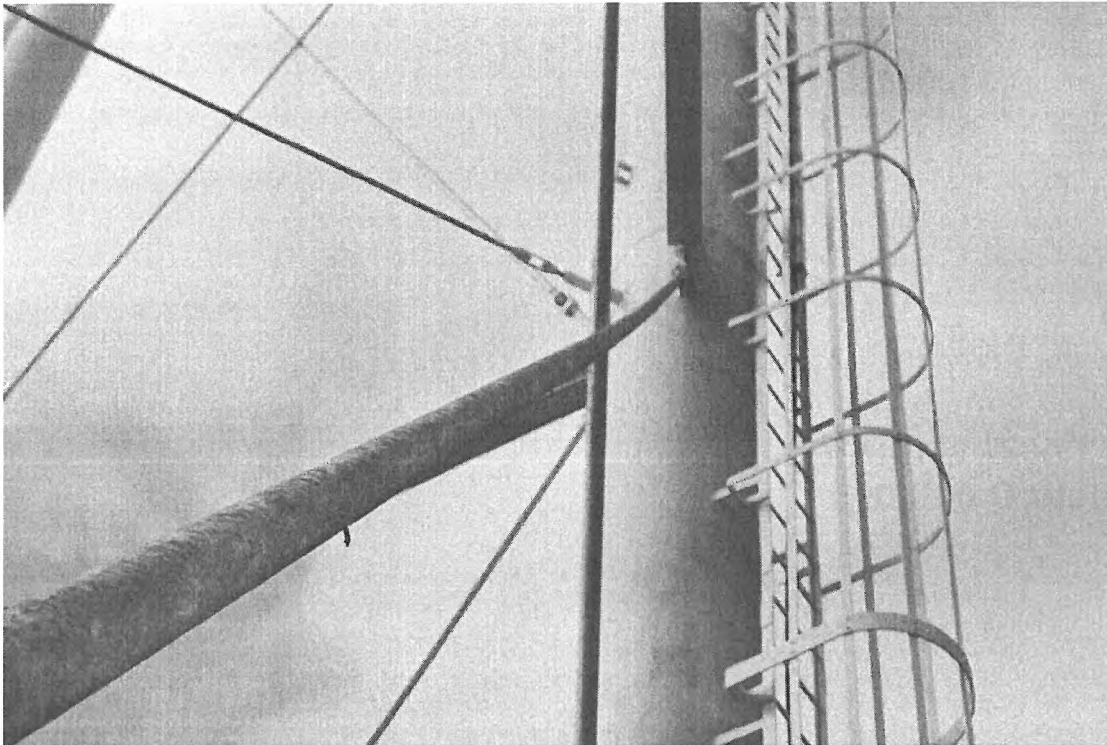


Photo shows the condition of the windage rods. The windage rods are designed to resist and stabilize the tower structure against wind and seismic loads combined with dead and live loads. The windage rods appear to be loose and need to be adjusted. **If the bracing remains loose, a sudden collapse could occur.**

We recommend to:

Adjust the windage rods and riser stay rods as needed.

This repair should be done on EMERGENCY BASIS.



**Farmdale Water District
500,000 Gallon E.W.T.**

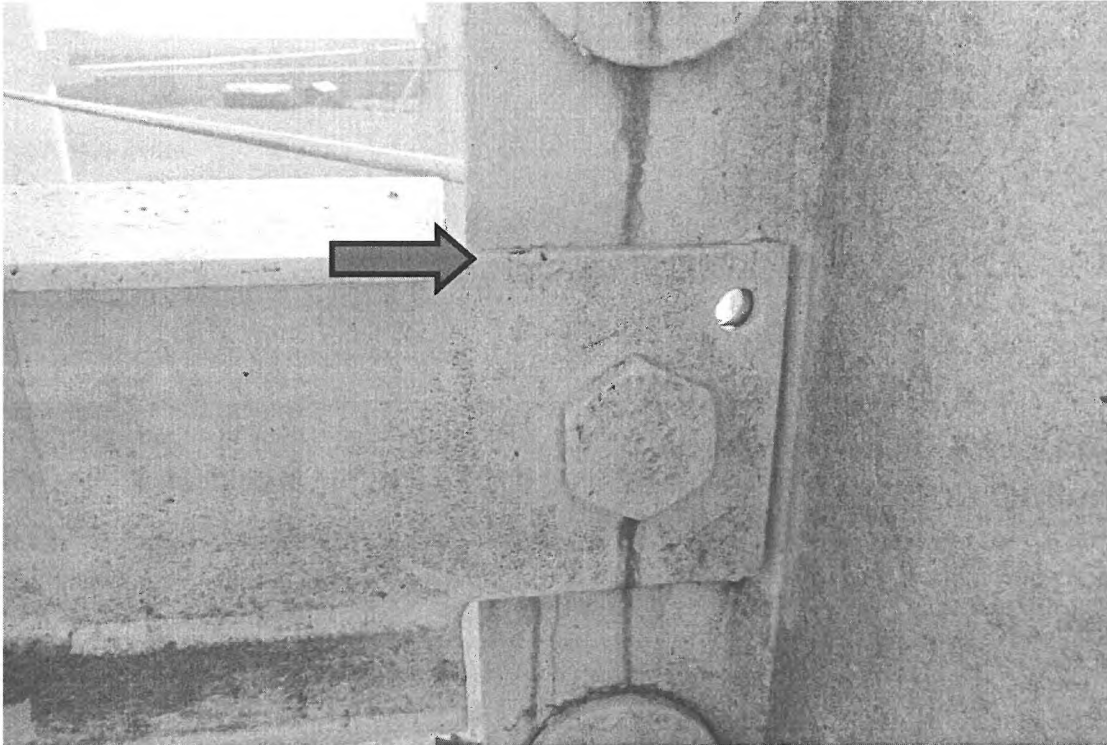


Photo shows the condition of the strut end connections.

We recommend to:

Reinforce the strut ends by welding.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows the condition of the riser pipe and bowl. The connection appears to be in good condition.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows the condition of the existing handrail system. The handrail is in compliance with **OSHA standard 29 CFR 1910.23 (a)(2)** states *“Every ladderway floor opening or platform shall be guarded by a standard railing with standard toeboard on all exposed sides (except at entrance to opening), with the passage through the railing either provided with a swinging gate or so offset that a person cannot walk directly into the opening.”*



**Farmdale Water District
500,000 Gallon E.W.T.**

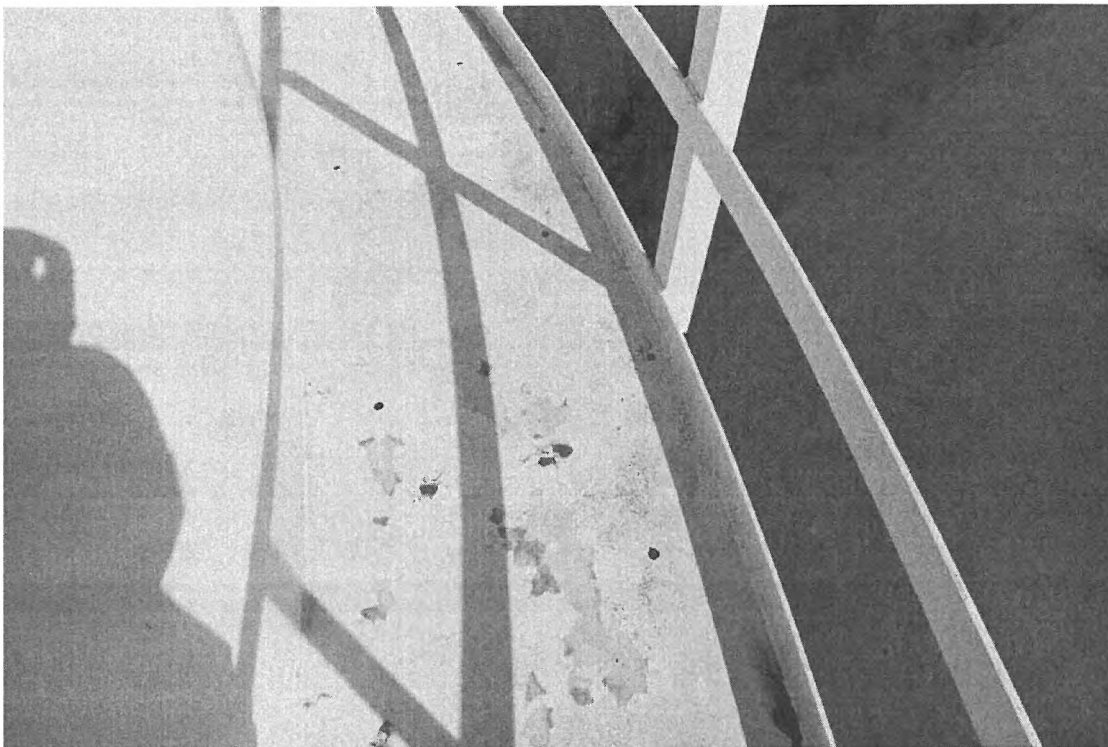


Photo shows the condition of the balcony floor. The arrow is pointing to show where water is ponding and causing deterioration to the paint and steel.

We recommend to:

Drill additional weep holes in the balcony floor to prevent water ponding.



**Farmdale Water District
500,000 Gallon E.W.T.**

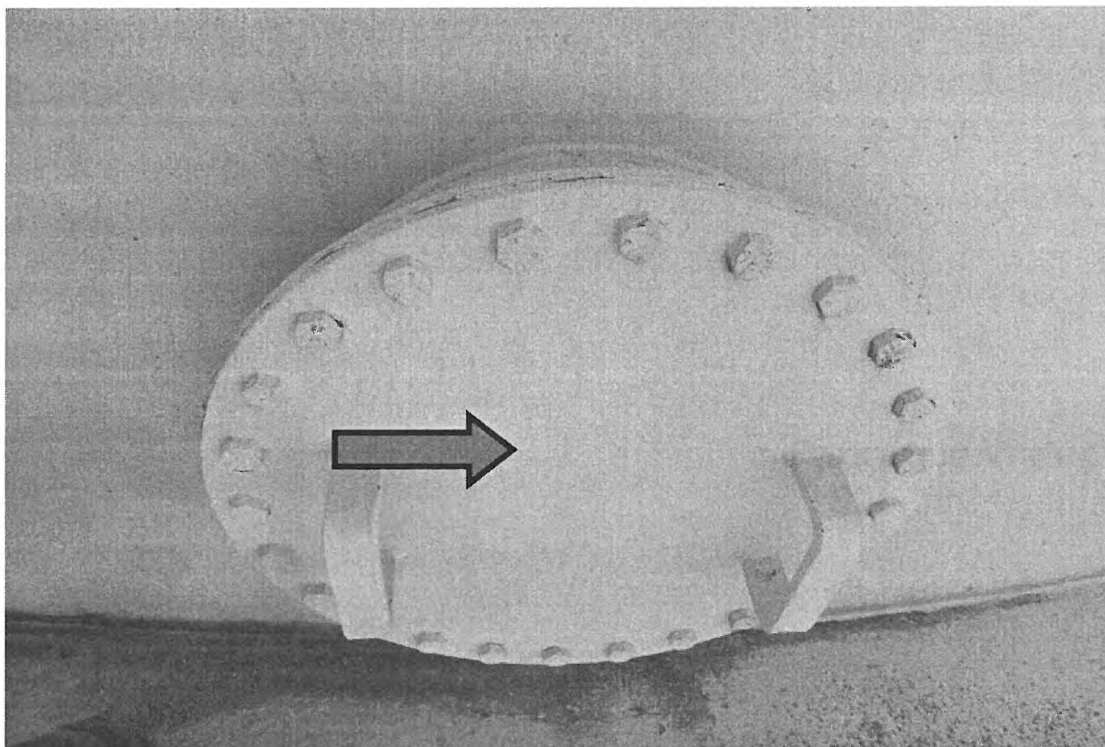


Photo shows the 20" shell manway located at balcony level. The manway is not equipped with hinges, davit arm or proper signage.

We recommend to:

- Install a davit arm on the existing shell manway.
- Post a **Permit Required-Confined Space Entry** sign.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows the condition of the liquid level indicator. The existing indicator is damaged beyond repair and requires replacement.

We recommend to:

Replace the existing liquid level indication system with a ft and psi gauge located in the tank riser for easy monitoring and maintenance.



**Farmdale Water District
500,000 Gallon E.W.T.**

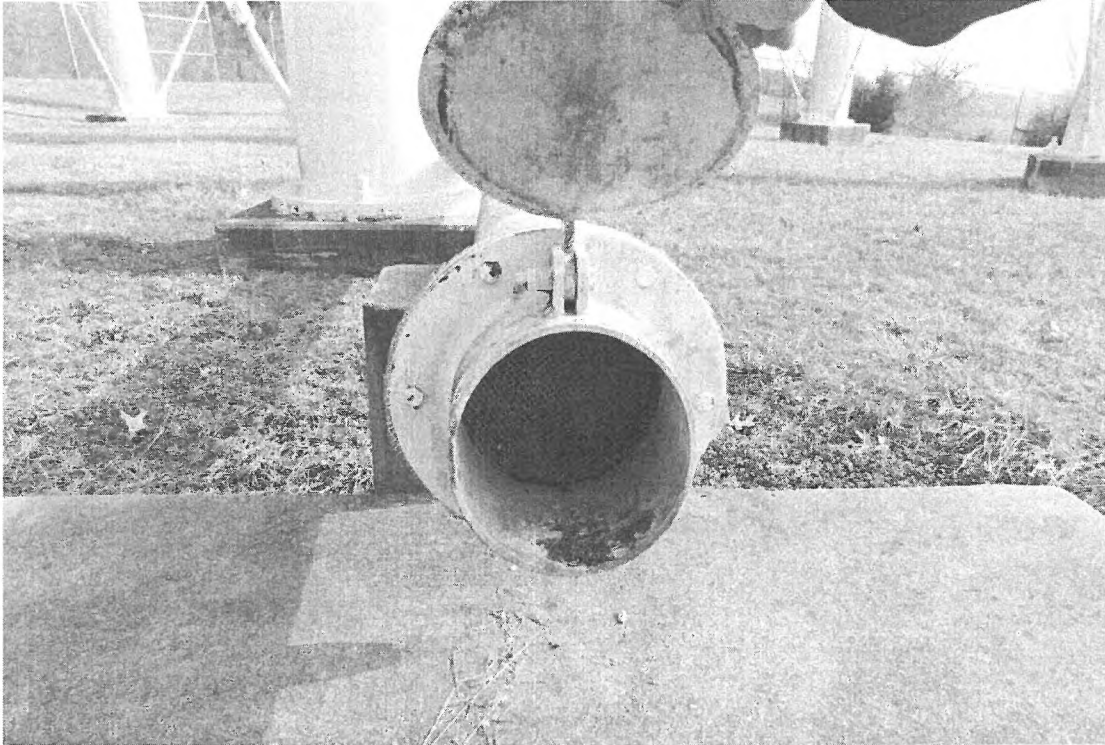
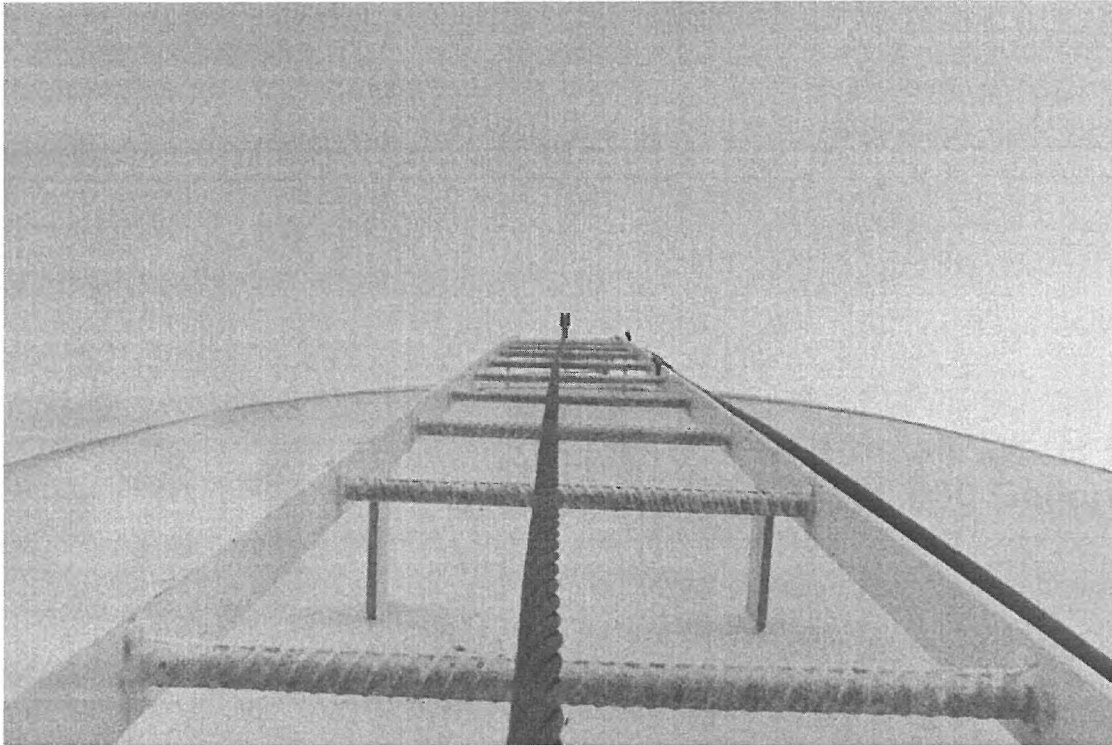


Photo shows the overflow. The overflow extends to grade and is in good condition.



**Farmdale Water District
500,000 Gallon E.W.T.**



Shell ladder in above photo is in good condition and compliance with all known standards.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows more of the condition of the existing shell ladder. Notice a conduit is mounted on the ladder side rail, creating a climbing safety hazard. Safe climbing procedure requires a person to climb a ladder with their hands on the side rails of the ladder and not the ladder rungs.

We recommend to:

Remove the conduit from the ladder and securing it to standoffs.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows the tank roof edge is not equipped with a required handrail system for fall protection. **OSHA 1910.21 (a) (1)** states "Every open-sided floor or platform 4 feet or more above adjacent floor or ground level shall be guarded by a standard railing (or the equivalent as specified)." **NFPA 22-2018 Sec. 4.14.3** states "Guardrails shall be constructed in accordance with OSHA 29 CFR 1910."

We recommend to:

Install a compliant 42" high handrail system around the circumference of the tank roof, complete with toeboard, intermediate rail and a swing gate at the ladder opening.



**Farmdale Water District
500,000 Gallon E.W.T.**

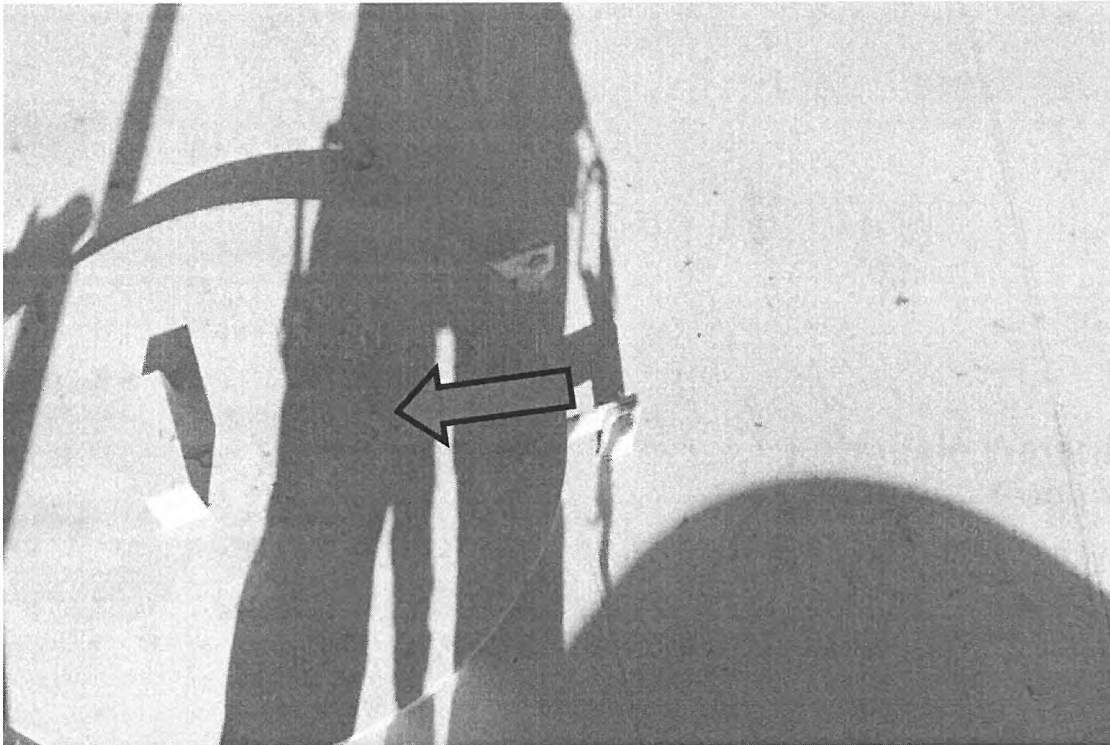


Photo shows the condition of the primary roof hatch. OSHA 1910.146(c)(2) states "If the workplace contains permit spaces, the employer shall inform exposed employees, by posting danger signs or by any other equally effective means, of the existence and location of and the danger posed by the permit spaces. NOTE: A sign reading **DANGER -- PERMIT-REQUIRED CONFINED SPACE, DO NOT ENTER** or using other similar language would satisfy the requirement for a sign."

We recommend to:

Post a **Permit Required-Confined Space Entry** sign.



**Farmdale Water District
500,000 Gallon E.W.T.**

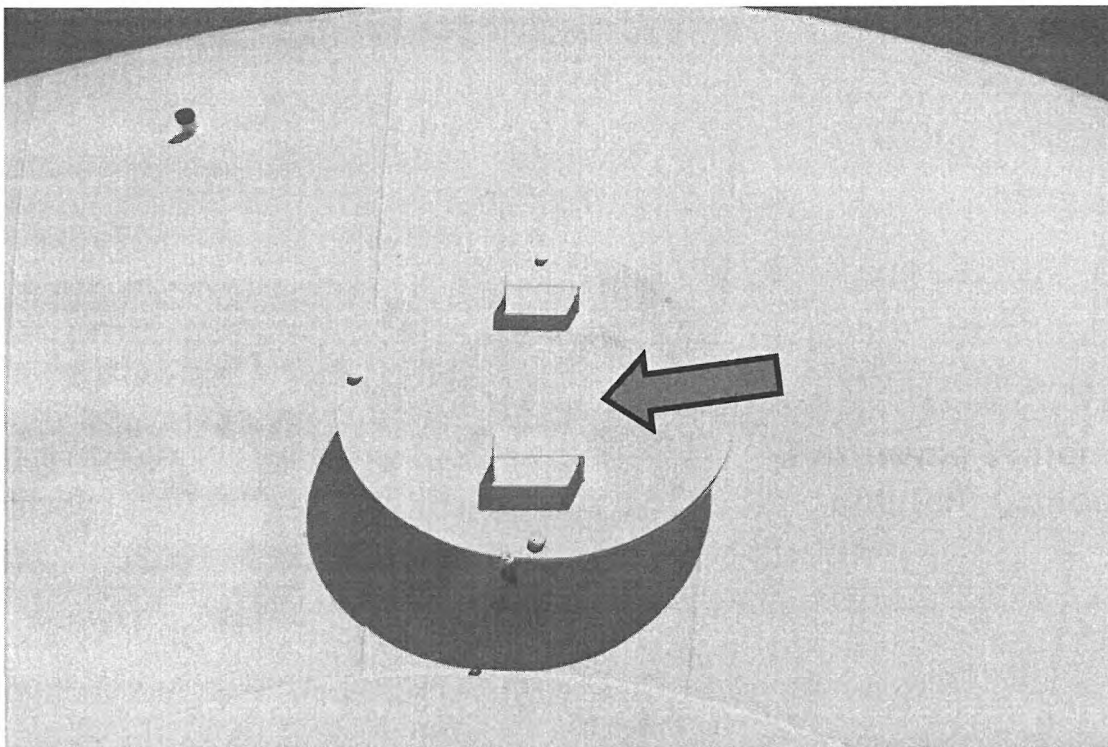


Photo shows the condition of the secondary hatch. **OSHA 1910.146(c)(2)** states *“If the workplace contains permit spaces, the employer shall inform exposed employees, by posting danger signs or by any other equally effective means, of the existence and location of and the danger posed by the permit spaces. NOTE: A sign reading **DANGER -- PERMIT-REQUIRED CONFINED SPACE, DO NOT ENTER** or using other similar language would satisfy the requirement for a sign.”*

We recommend to:

Post a **Permit Required-Confined Space Entry** sign.



**Farmdale Water District
500,000 Gallon E.W.T.**

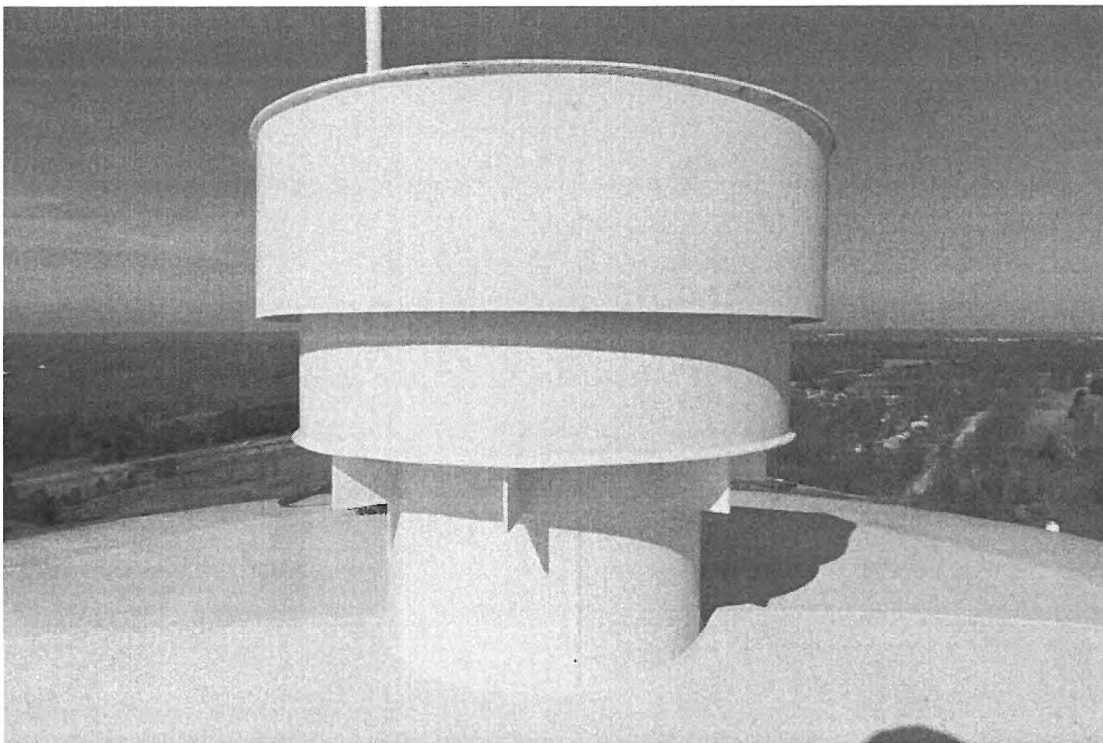
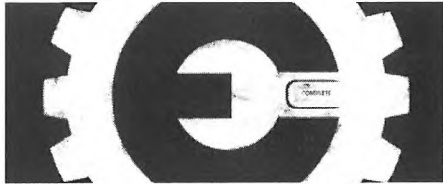


Photo shows the condition of the existing roof vent. The vent is in good condition and meets all known requirements.



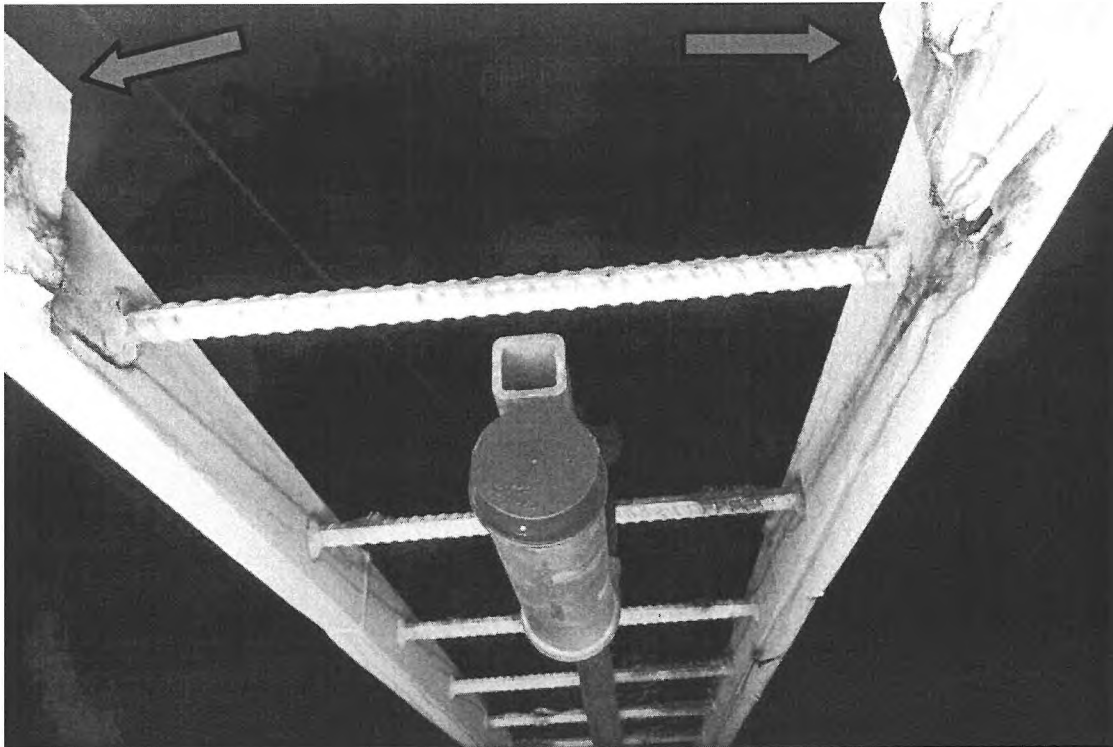
**Farmdale Water District
500,000 Gallon E.W.T.**



Photos show the tank exterior coating system.

We recommend to:

Pressure wash the tank exterior with biodegradable detergent (max 3,500 psi) to remove loose silt and mildew. *NOTE: Staining may remain if present.*



Interior access ladder in above photo is attached and supported by only two bolts at the roof level. The bolts are seriously deteriorated. **OSHA 1926.1053(b) (17)** states *“Fixed ladders with structural defects, such as, but not limited to, broken or missing rungs, cleats, or steps, broken or split rails, or corroded components, shall be withdrawn from service until repaired.”*

We recommend to:

Tag the existing interior ladder out immediately.
Repair the ladder by seal welding it to the tank roof.

This repair should be done on EMERGENCY BASIS.



**Farmdale Water District
500,000 Gallon E.W.T.**

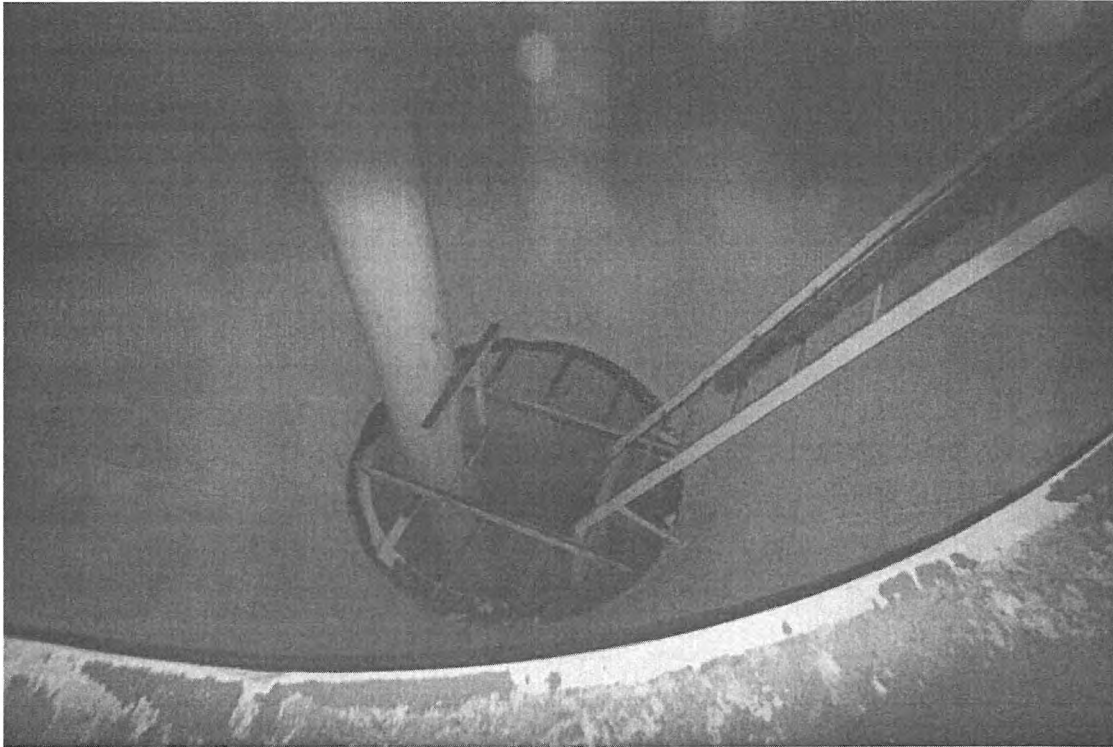
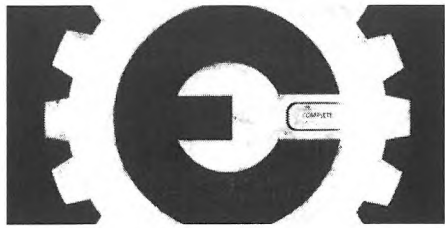


Photo shows the tank riser is equipped with the proper safety grate.



**Farmdale Water District
500,000 Gallon E.W.T.**



Photo shows silt and debris in the tank. This should be completed to avoid the problems associated with excessive silt buildup.

We recommend to:

Clean the tank out.



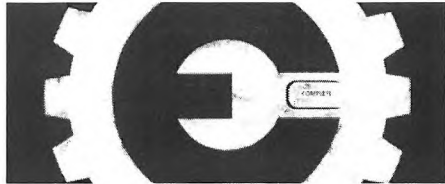
**Farmdale Water District
500,000 Gallon E.W.T.**



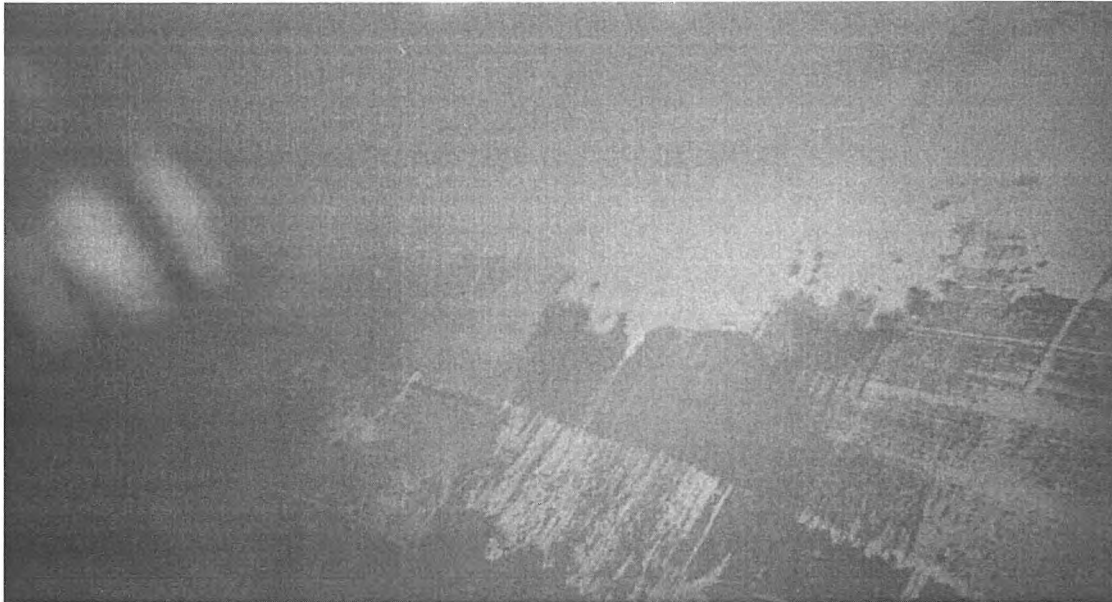
Photo shows the condition of the bowl to shell access ladder. The ladder is not equipped with a safety climb device. **OSHA 1917.118(e)(1)** states “*Fixed ladders more than 20 feet (6.1 m) in height shall be provided with a cage, well, or ladder safety device.*”

We recommend to:

Install a 100% stainless steel cable type ladder safety climb device.



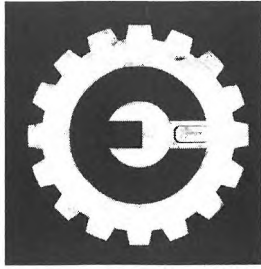
**Farmdale Water District
500,000 Gallon E.W.T.**



Photos show the interior coating. The interior coating has heavy amounts of silt present. To provide the best cost effective method of repair, cleaning must be performed first to determine what is rust and what is silt.

We recommend to:

Pressure wash the tank interior coating with bio-degradable detergent (max 3,500 psi) to remove all silt and debris. *NOTE: if staining is present it may remain.* Following cleaning of interior coating reevaluation of condition shall be made.



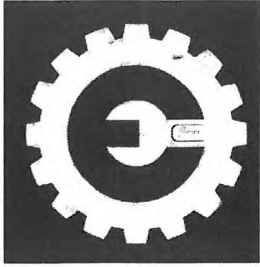
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| Page # | Recommendations |
|--------|---|
| 5 | Electrically ground the tank for lightning protection. |
| 7 | Install a frost proof drain valve. Install a locking device to prevent unauthorized draining. Install a 4' x 6' splash pad to prevent erosion. |
| 9 | Install new galvanized bolts in the riser manway. Post Permit Required-Confined Space Entry sign. |
| 11 | Adjust the windage rods and riser stay rods as needed. This repair should be done on EMERGENCY BASIS. |
| 12 | Reinforce the strut ends by welding. |
| 15 | Drill additional weep holes in the balcony floor to prevent water ponding. |
| 16 | Install a davit arm on the existing shell manway. Post a Permit Required-Confined Space Entry sign. |
| 17 | Replace the existing liquid level indication system with a ft and psi gauge located in the tank riser for easy monitoring and maintenance. |
| 20 | Remove the conduit from the ladder and securing it to standoffs. |
| 21 | Install a compliant 42" high handrail system around the circumference of the tank roof, complete with toeboard, intermediate rail and a swing gate at the ladder opening. |
| 22 | Post a Permit Required-Confined Space Entry sign. |
| 23 | Post a Permit Required-Confined Space Entry sign. |
| 25 | Pressure wash the tank exterior with biodegradable detergent (max 3,500 psi) to remove loose silt and mildew. <i>NOTE: Staining may remain if present.</i> |
| 26 | Tag the existing interior ladder out immediately. Repair the ladder by seal welding it to the tank roof. This repair should be done on EMERGENCY BASIS. |



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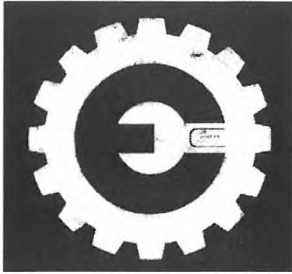
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Page #

Recommendations

| Page # | Recommendations |
|--------|--|
| 28 | Clean the tank out. |
| 29 | Install a 100% stainless steel cable type ladder safety climb device. |
| 30 | Pressure wash the tank interior coating with bio-degradable detergent (max 3,500 psi) to remove all silt and debris. NOTE: if staining is present it may remain. Following cleaning of interior coating reevaluation of condition shall be made. |



COMPLETE RESTORATION, LLC

Paint, Repair and Construction Services

P.O. Box 282 Henderson, KY 42419

PHONE: (270) 869-7150 FAX: (270) 572-4589

SUMMARY PAGE

CONTRACT #: 23125 INSPECTOR: Creager
OWNER'S REPRESENTATIVE: Mr. Chris Ralph
TITLE: Manager
TANK OWNER: Farmdale Water District
MAILING ADDRESS: 100 Highwood Dr.
PHYSICAL ADDRESS: 4701 Lawrenceburg Rd
E-MAIL: farmdalewater@gmail.com
CITY, STATE: Frankfort, KY ZIP: 40601 COUNTY: Franklin
TELEPHONE: (502) 223-3562 FAX: UNKNOWN
LOCATION OF TANK: 38.14088, -84.92604

Farmdale Water District

Date of Inspection: 2/6/2024

**Mr. Chris Ralph
Manager
(502) 223-3562**

ORIGINAL CONTRACT NO: E7708 YEAR BUILT: 2012
ORIGINAL MANUFACTURER: Caldwell Tank Inc. CAPACITY: 500,000 Gallon
DATE OF LAST INSPECTION: 2019 TYPE: POTABLE WATER
DIAMETER: 50' HEIGHT: 160' OVERFLOW: 156'
HIGH WATER LEVEL: UNKNOWN LOW WATER LEVEL: 119'
TYPE CONSTRUCTION: Welded

INVOICE

C & S Quality Services, LLC

1042 Forest Hill
Lawrenceburg, KY 40342
859-265-0907
tk.currens@gmail.com

INVOICE NO. 24.02
DATE 3/7/2024
CUSTOMER ID FW
PURCHASE ORDER #

TO Farndale Water
100 Highwood Drive
Frankfort, KY 40601



PAID

3-12-24

CK# 2977

JOB Elevated Water Tank Repairs

TERMS Net 30

| DESCRIPTION | TOTAL |
|---|------------|
| Weld interior ladder at top of Ladder & Tighten X-Rod | \$2,400.00 |
| | |
| | |
| | |
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| | |
| | |
| | |
| | |
| | |
| TOTAL DUE | \$2,400.00 |

Thank You for your Business!

Submitted By 
Jeff Hildebrandt

EverGreen

FARMDALE WATER DISTRICT
~~STEWART HOME~~ PUMP STATION
SEMI-ANNUAL
SAFETY INSPECTION SHEET

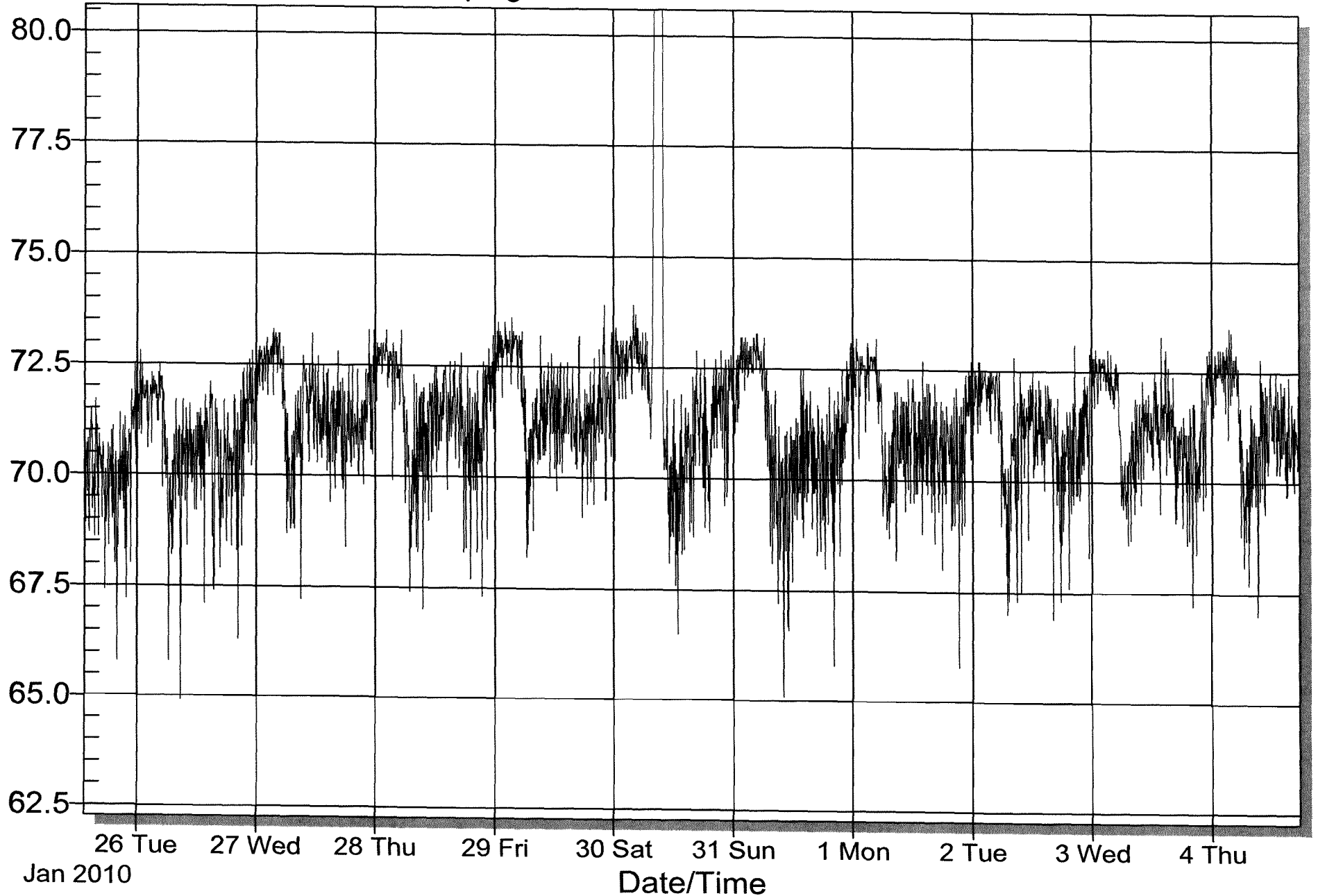
| | | | | | | | | | |
|-------------------|------------------|----------------|----|-----|----|-----|----|-----|--|
| EMPLOYEE INITIALS | JR CPMM CX | | | | | | | | |
| SCHEDULED | | | | | | | | | |
| COMPLETED | 12-22-21 | | | | | | | | |
| ITEM | | | | | | | | | |
| | OK | DEV | OK | DEV | OK | DEV | OK | DEV | |
| ROOF | ✓ | | | | | | | | |
| WALLS | ✓ | | | | | | | | |
| FLOOR | ✓ | | | | | | | | |
| DOORS AND LOCKS | ✓ | | | | | | | | |
| VENTILATION | ✓ | changed filter | | | | | | | |
| HOUSE KEEPING | ✓ | | | | | | | | |
| LIGHTING | ✓ | | | | | | | | |
| GENERAL CONDITION | ✓ | | | | | | | | |
| HEATING | ✓ | | | | | | | | |
| PUMPS | ✓ | | | | | | | | |
| PIPES & FITTINGS | ✓ | | | | | | | | |
| SUMP PUMP | ✓ | | | | | | | | |
| CONTROL EQUIPMENT | ✓ | | | | | | | | |

Downloaded Data - Wednesday, February 17, 2010

1115 Hickory Ridge Road



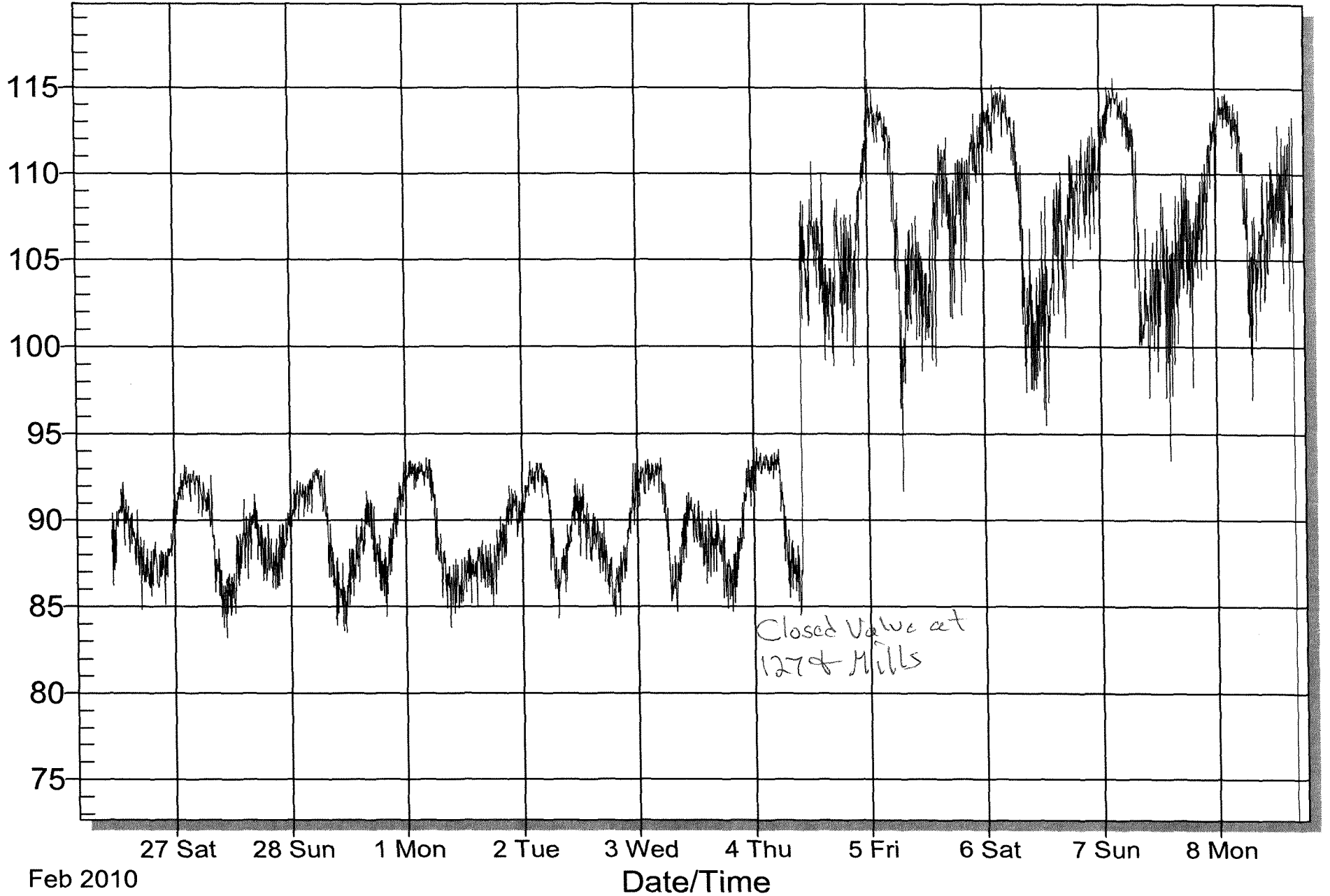
Farmdale Water-Pressure/psig



Downloaded Data - Monday, March 08, 2010

100 River Valley Road

● 
Farmdale Water-Pressure/psig

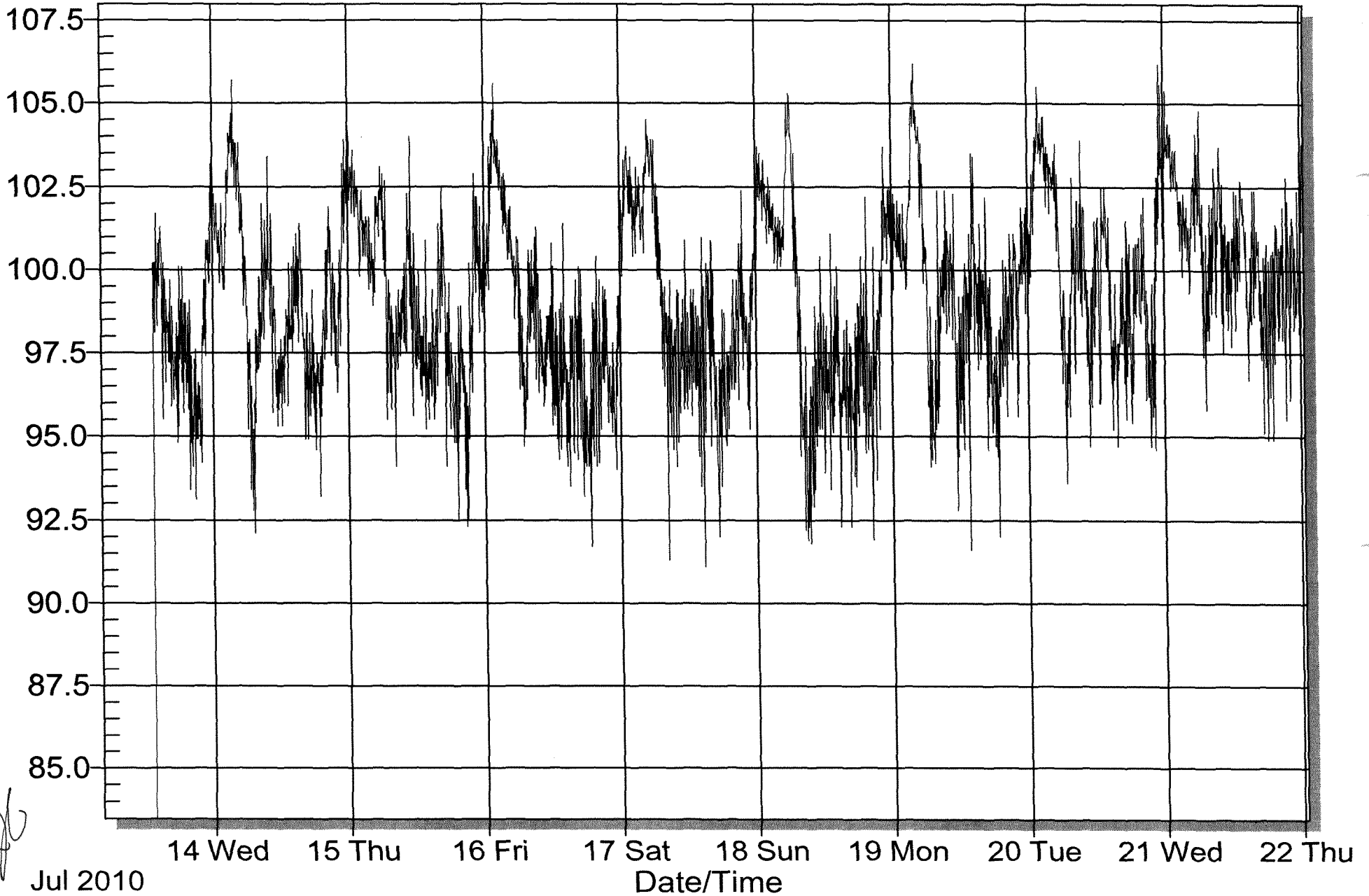


Downloaded Data - Tuesday, August 03, 2010

1026 Bittersweet



Farmdale Water-Pressure/psig

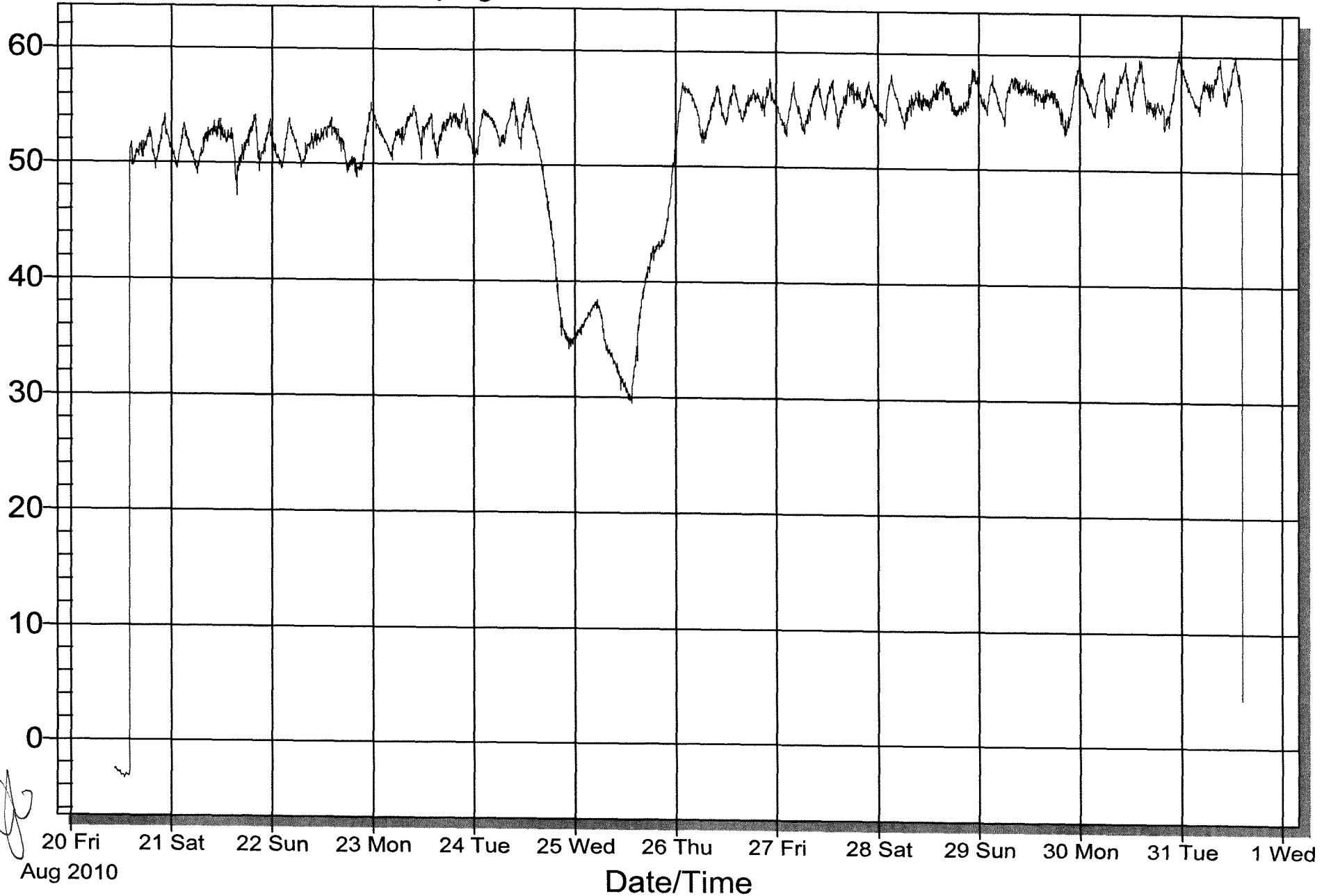


Downloaded Data - Tuesday, August 31, 2010

2774 Evergreen Road



Farmdale Water-Pressure/psig



[Handwritten signature]

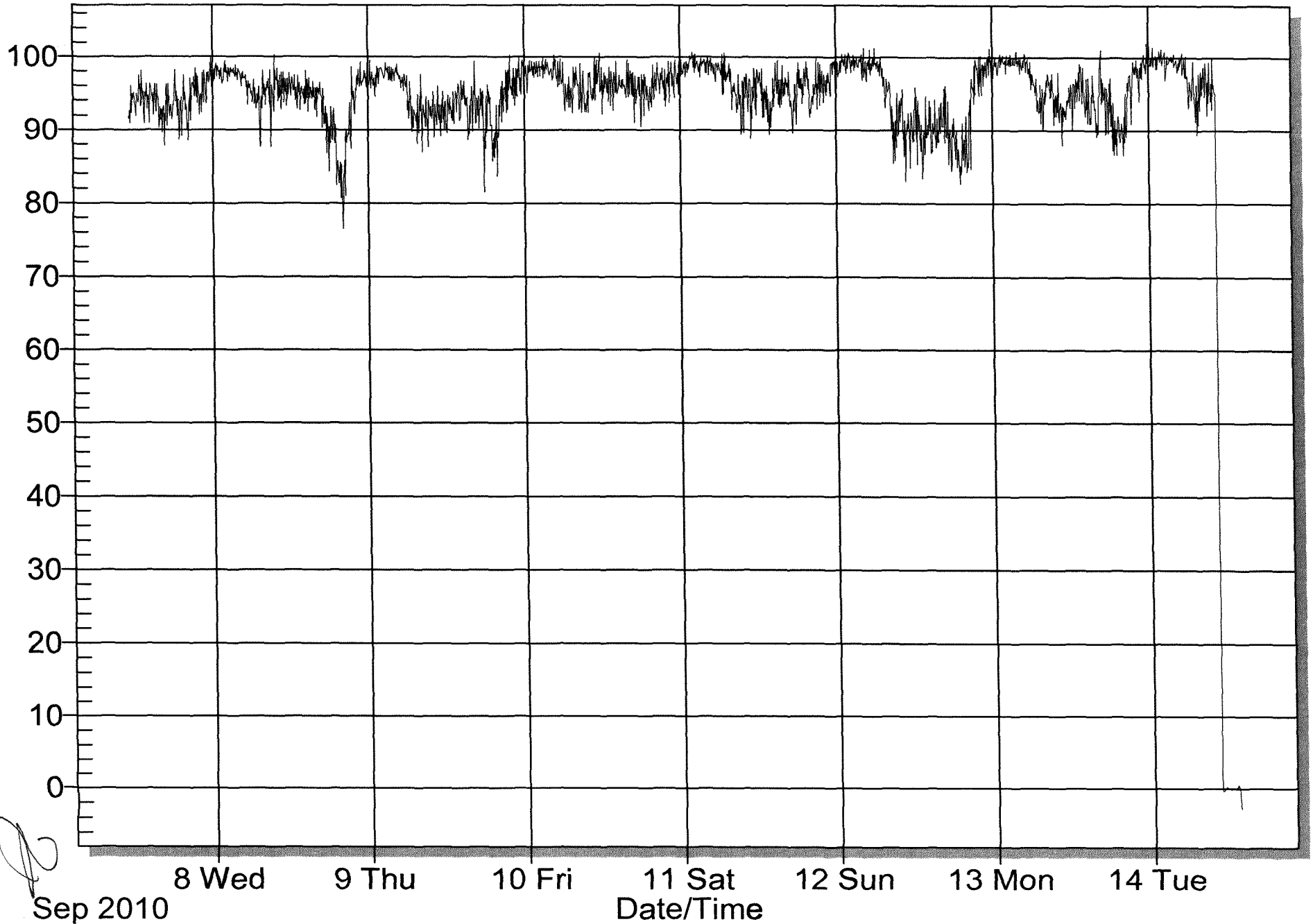
Aug 2010

Date/Time

1771 Mills Lane



Farmdale Water-Pressure/psig



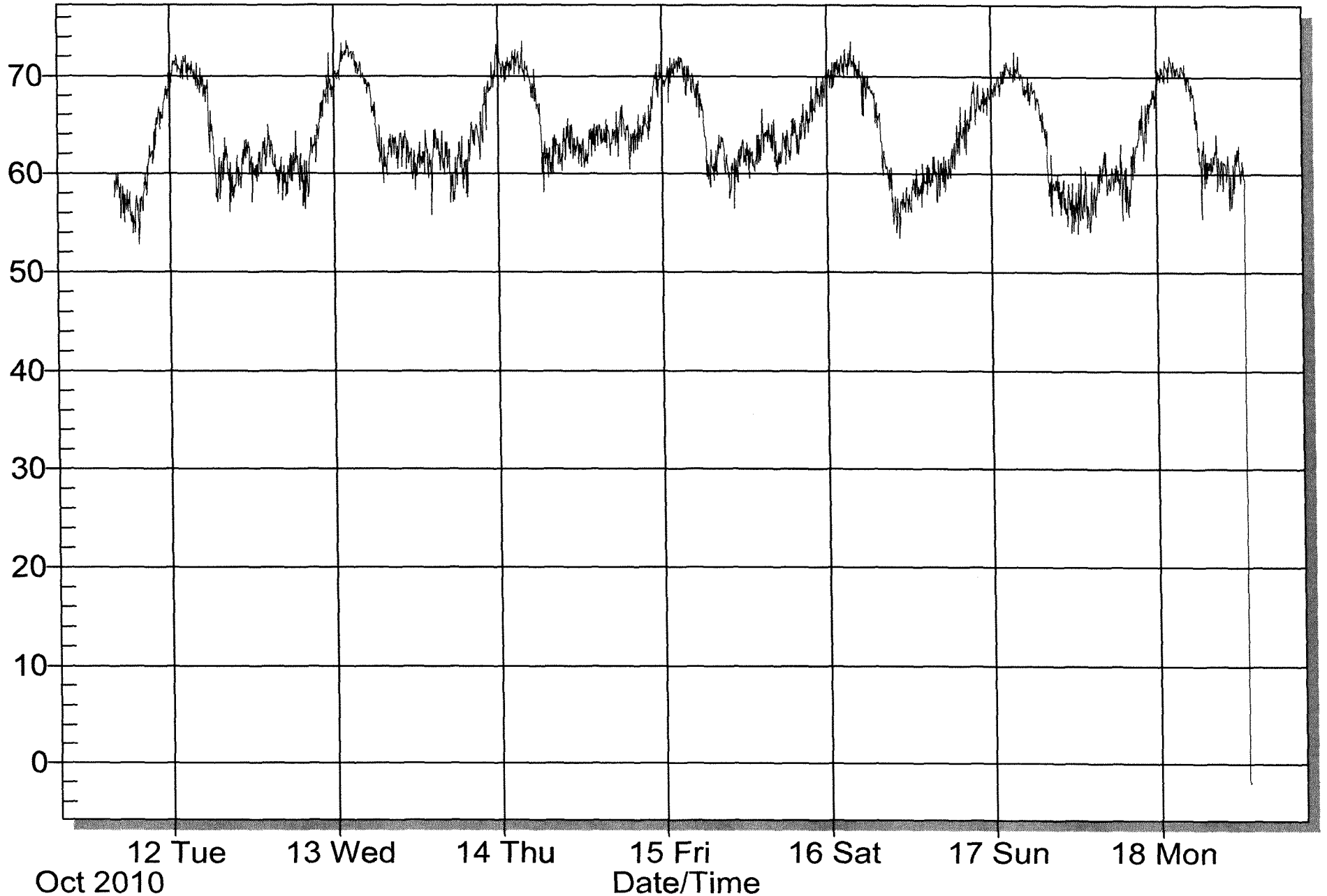
[Handwritten signature]
Sep 2010

Downloaded Data - Monday, October 18, 2010

705 Ninevah Road



Farmdale Water-Pressure/psig

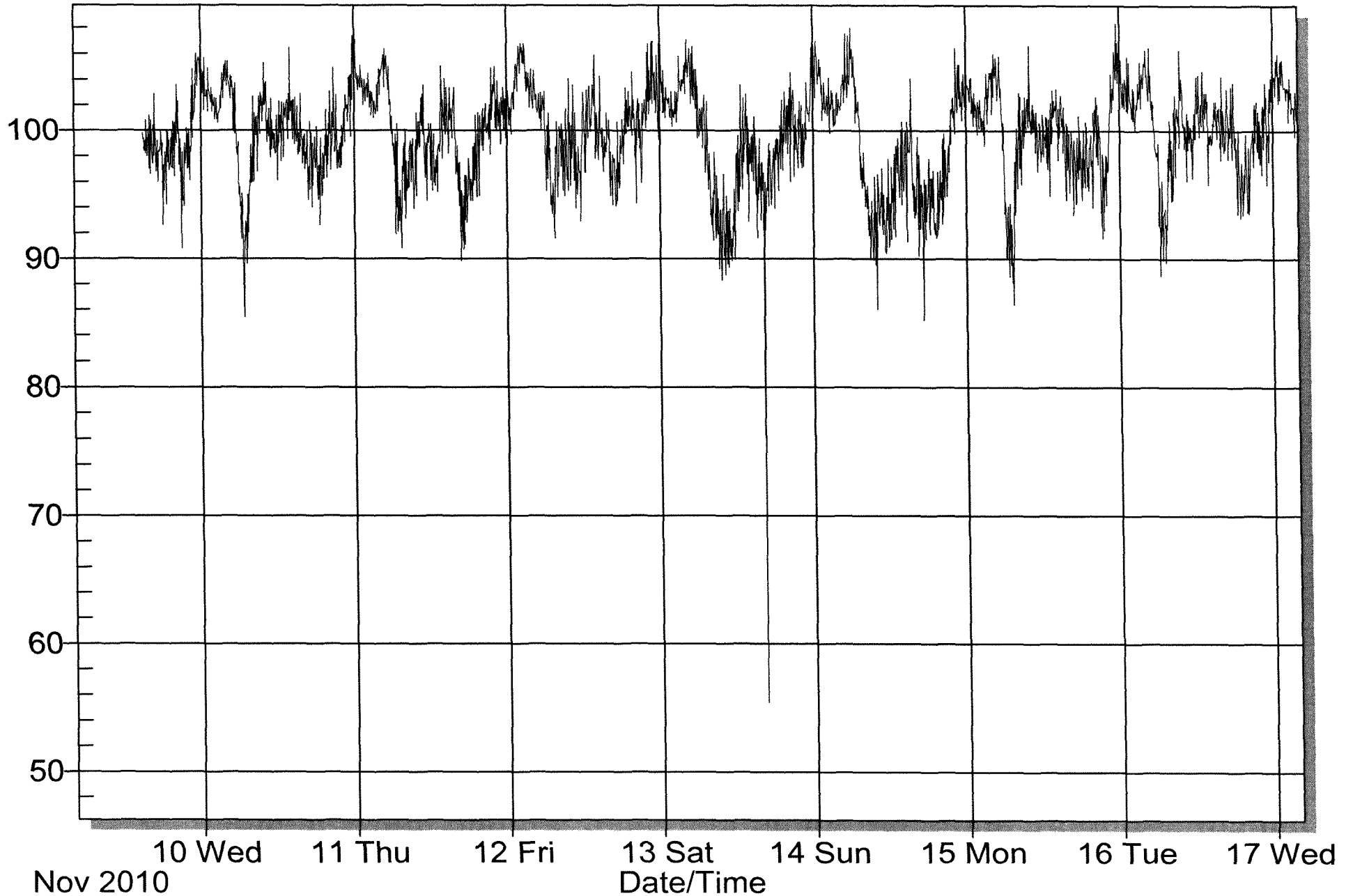


Downloaded Data - Thursday, December 02, 2010

1026 Bittersweet



Farmdale Water-Pressure/psig

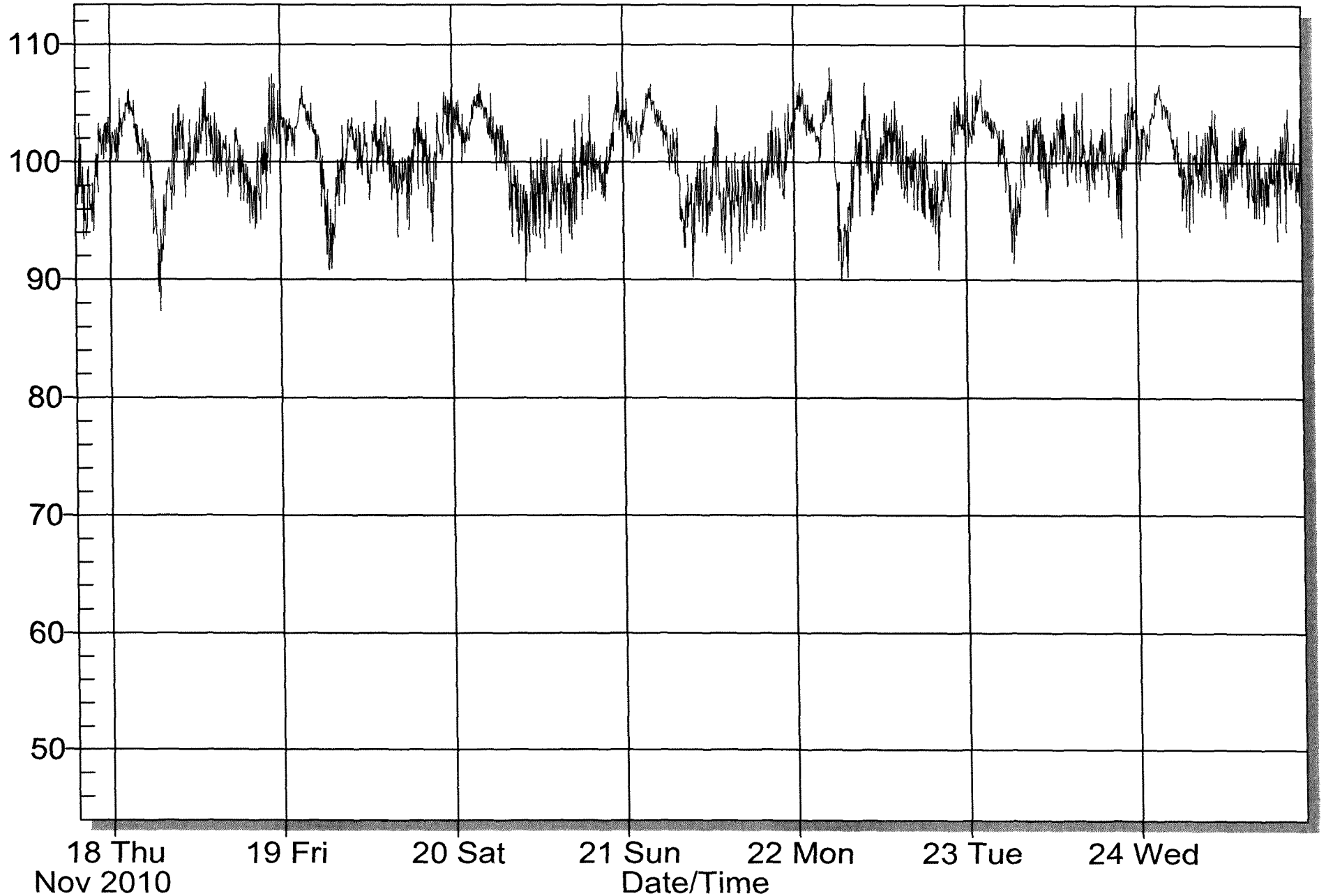


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1026 Bittersweet



Farmdale Water-Pressure/psig

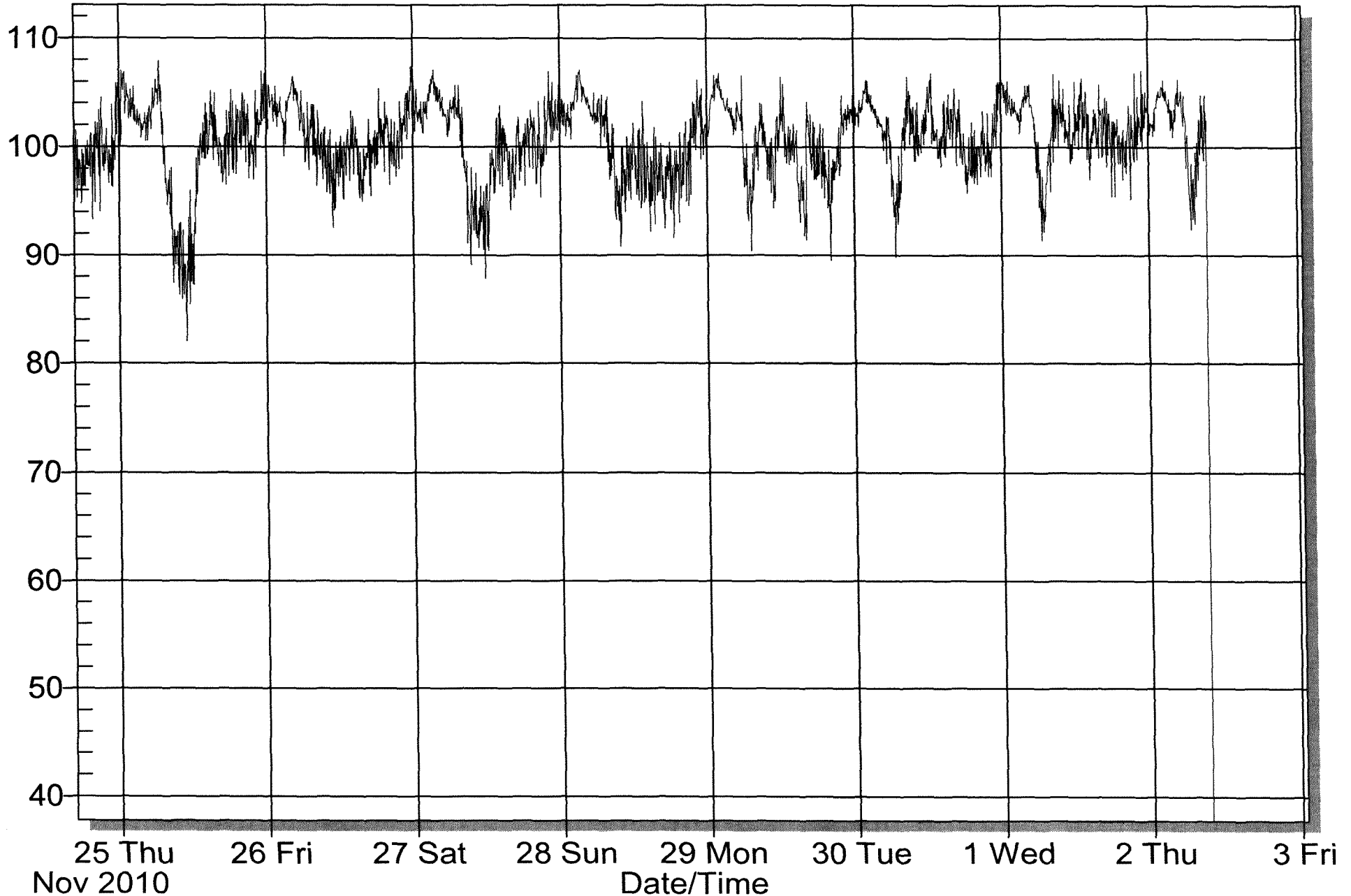


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1026 Bittersweet

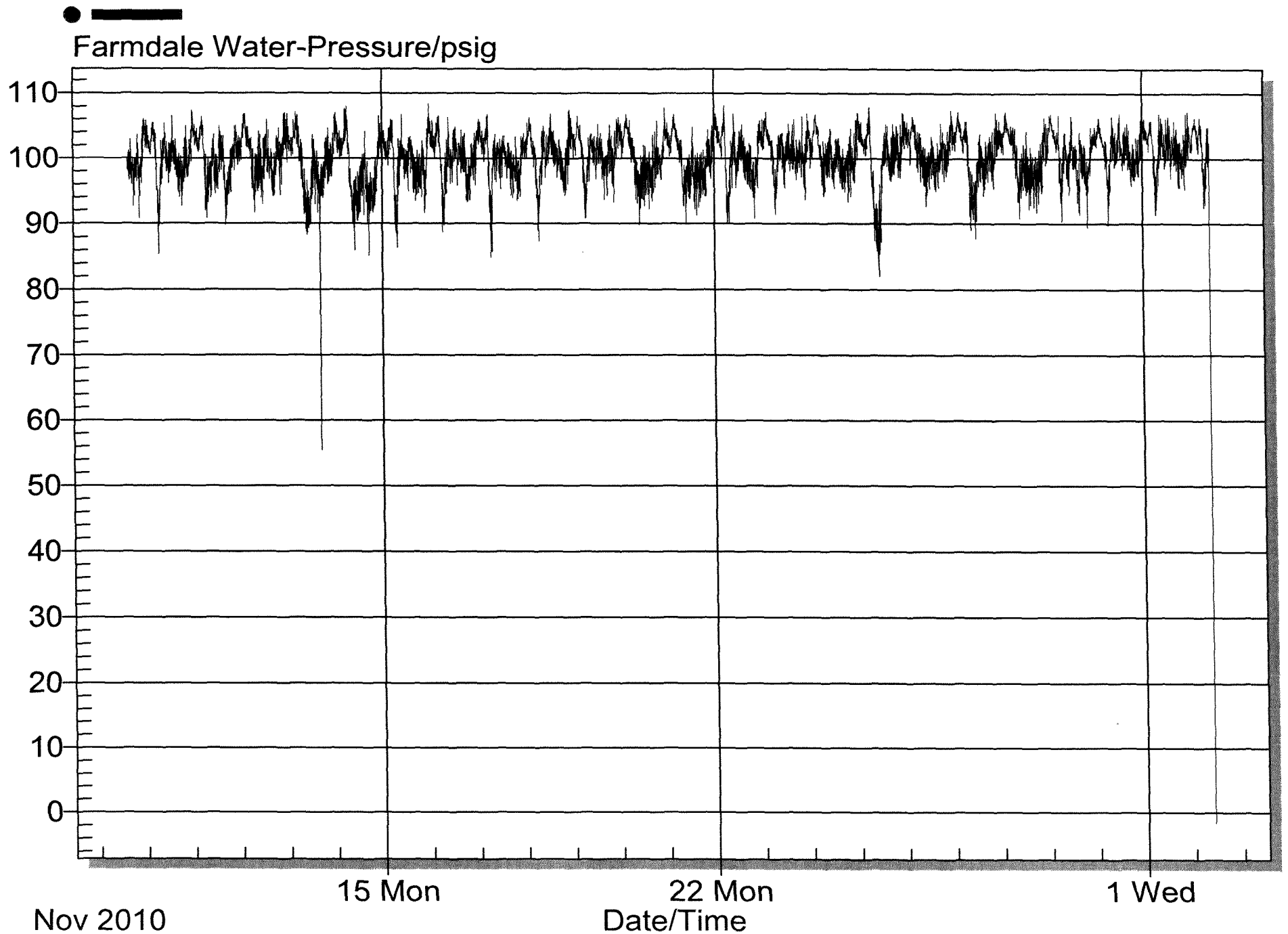


Farmdale Water-Pressure/psig



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1026 Bittersweet

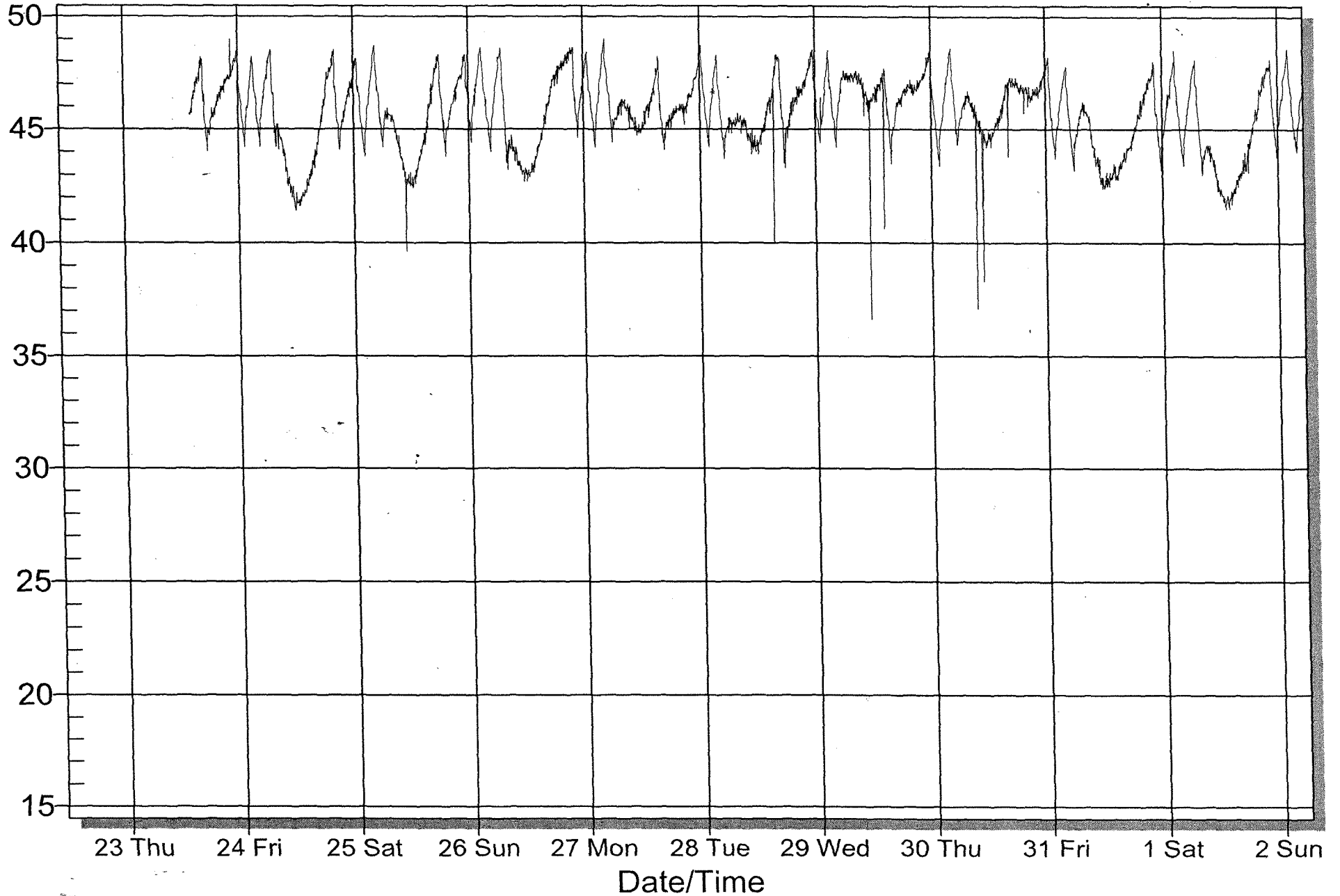


Downloaded Data - Monday, February 07, 2011

100 Highwood Drive



Farmdale Water-Pressure/psig

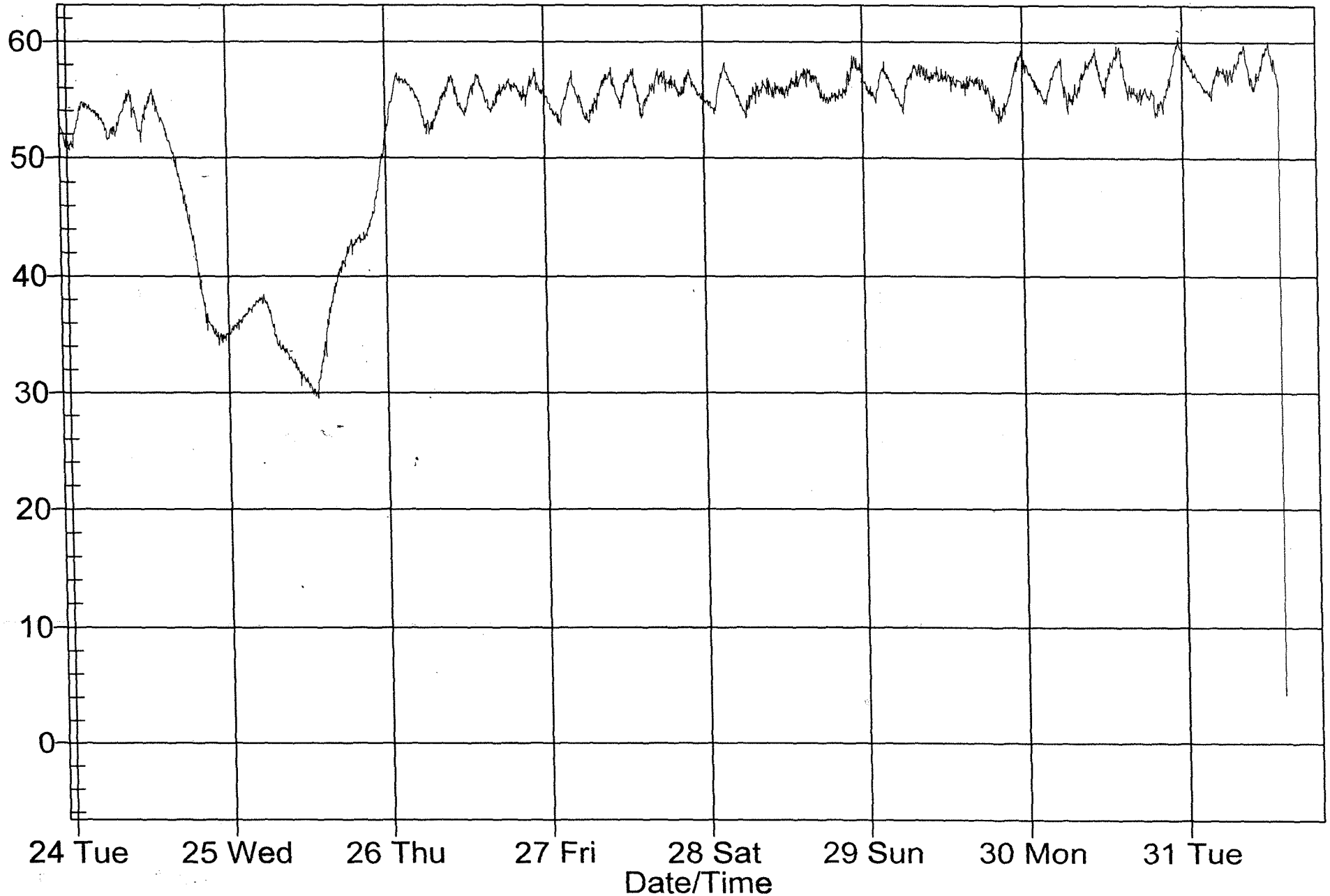


Downloaded Data - Tuesday, March, 31, 2011

2774 Evergreen Road



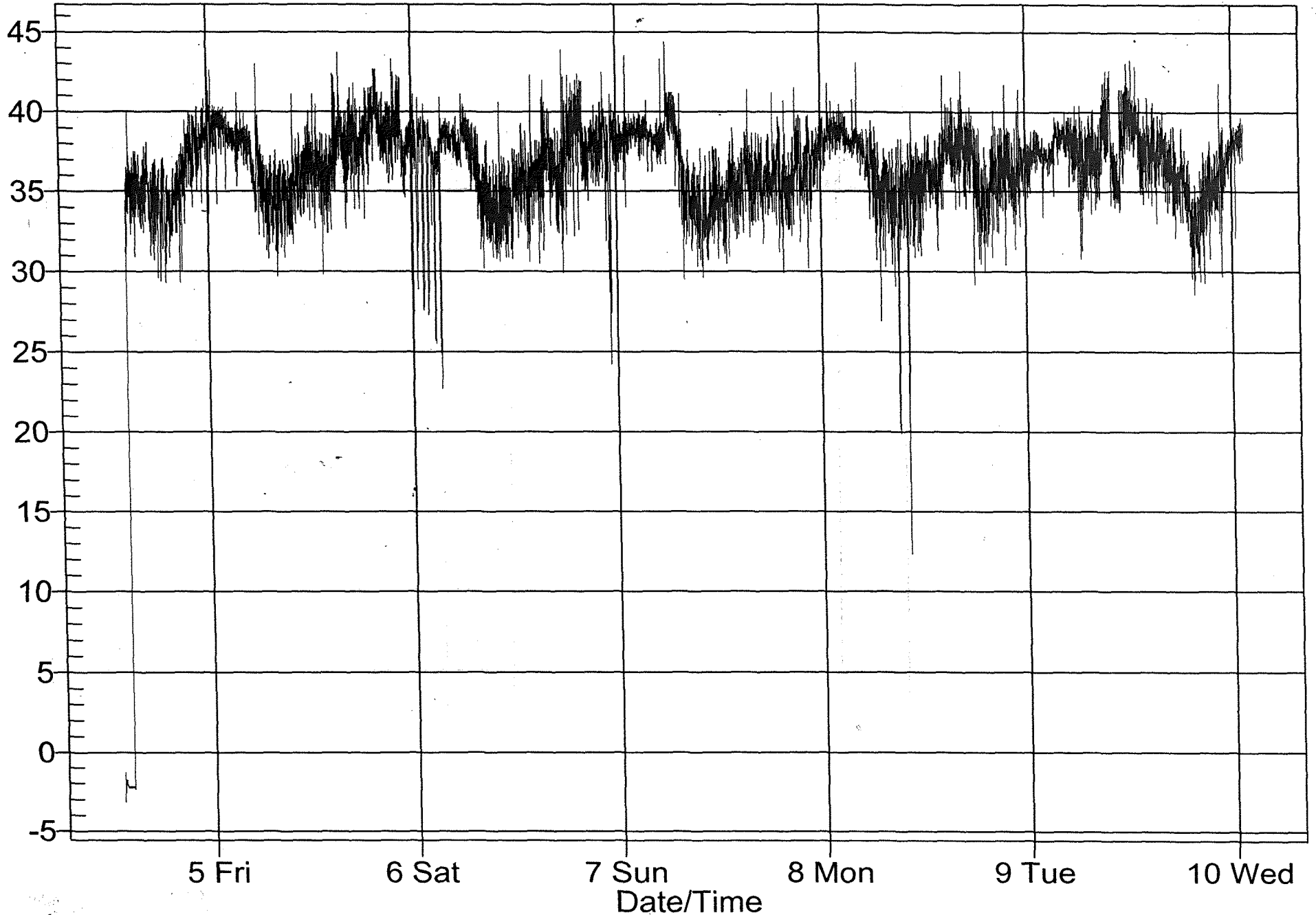
Farmdale Water-Pressure/psig



Downloaded Data - Friday, April, 12, 2011



Farmdale Water-Pressure/psig

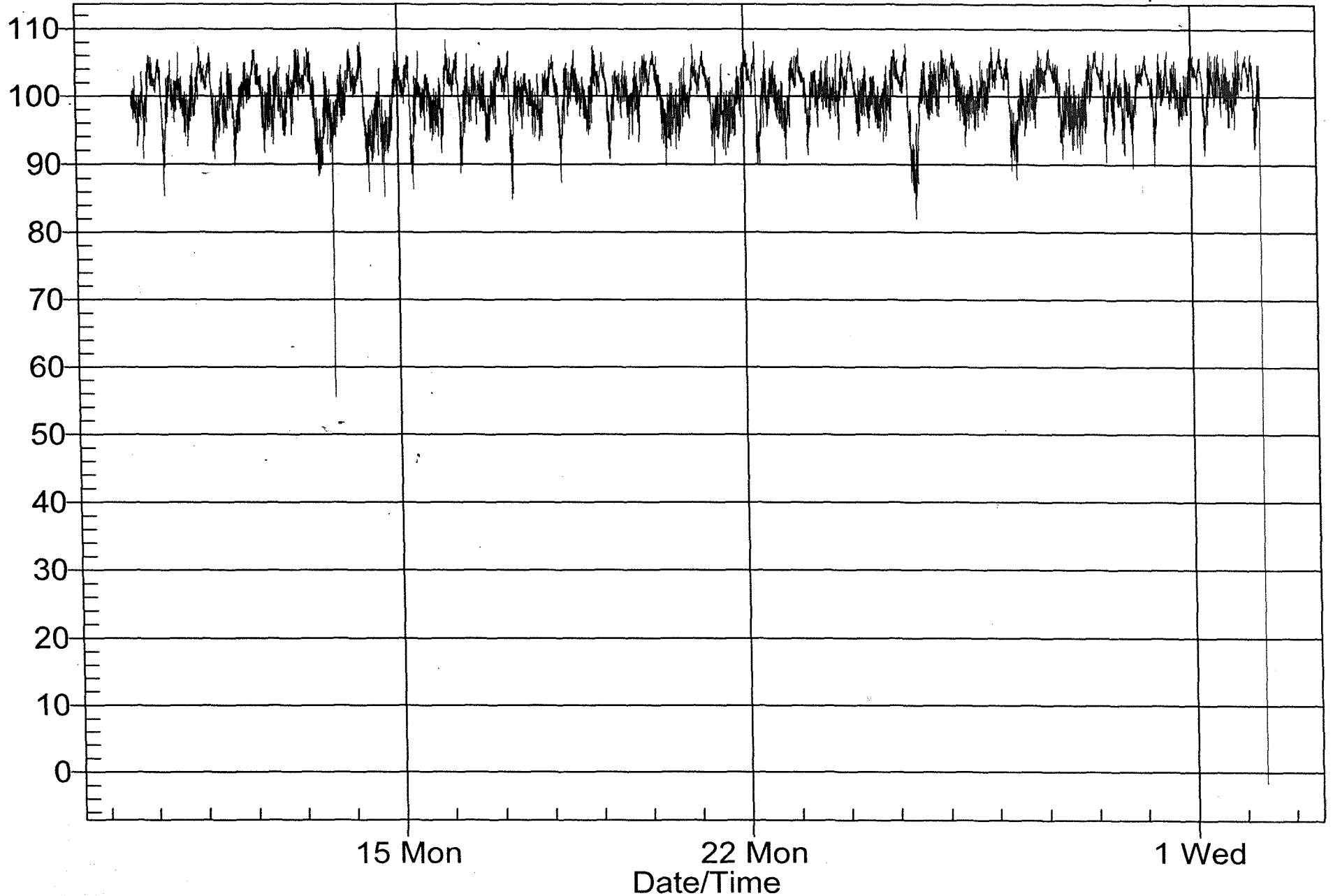


Downloaded Data - Monday, May, 14, 2011

1026 Bittersweet



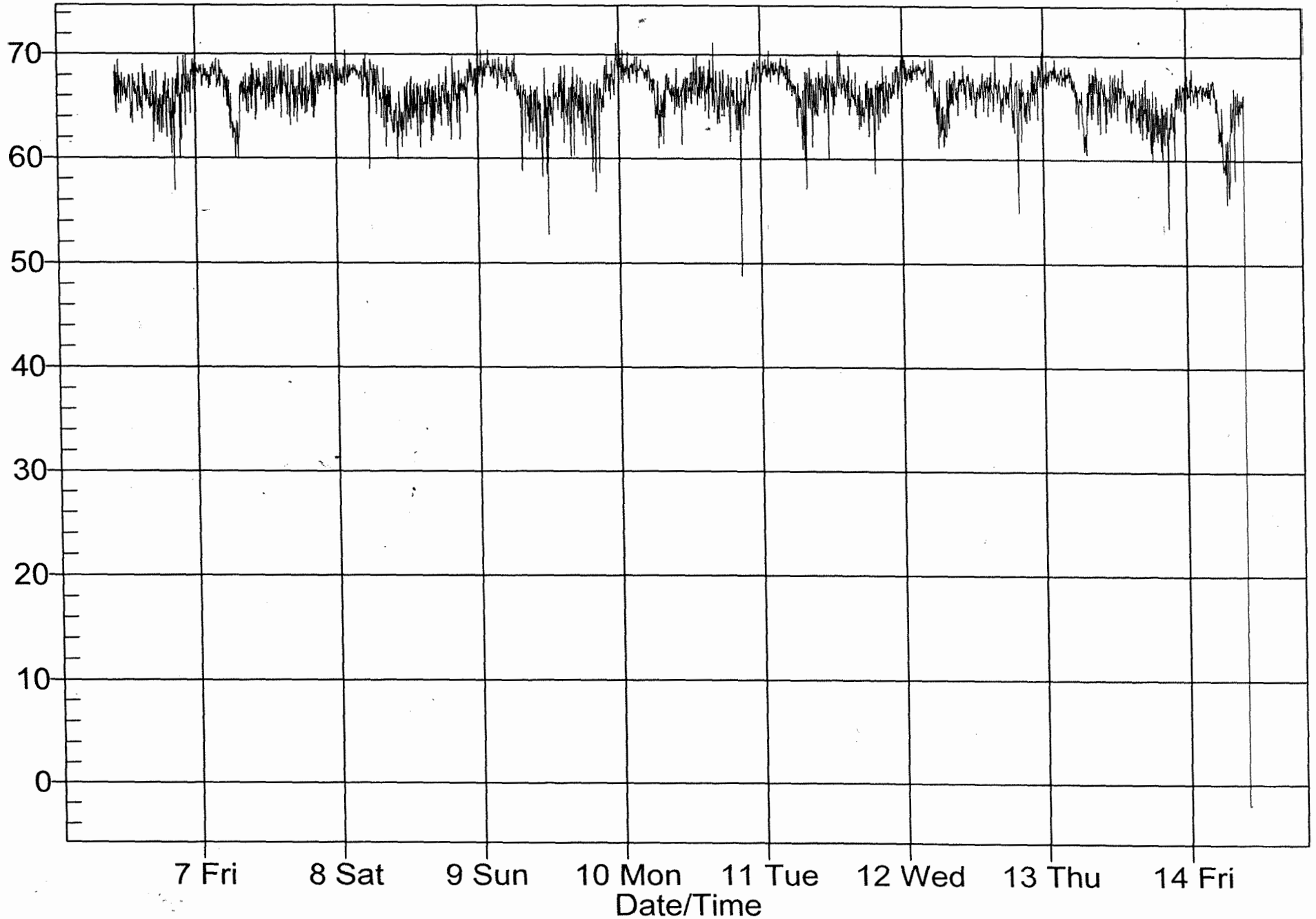
Farmdale Water-Pressure/psig



Downloaded Data - Friday, August 14, 2011



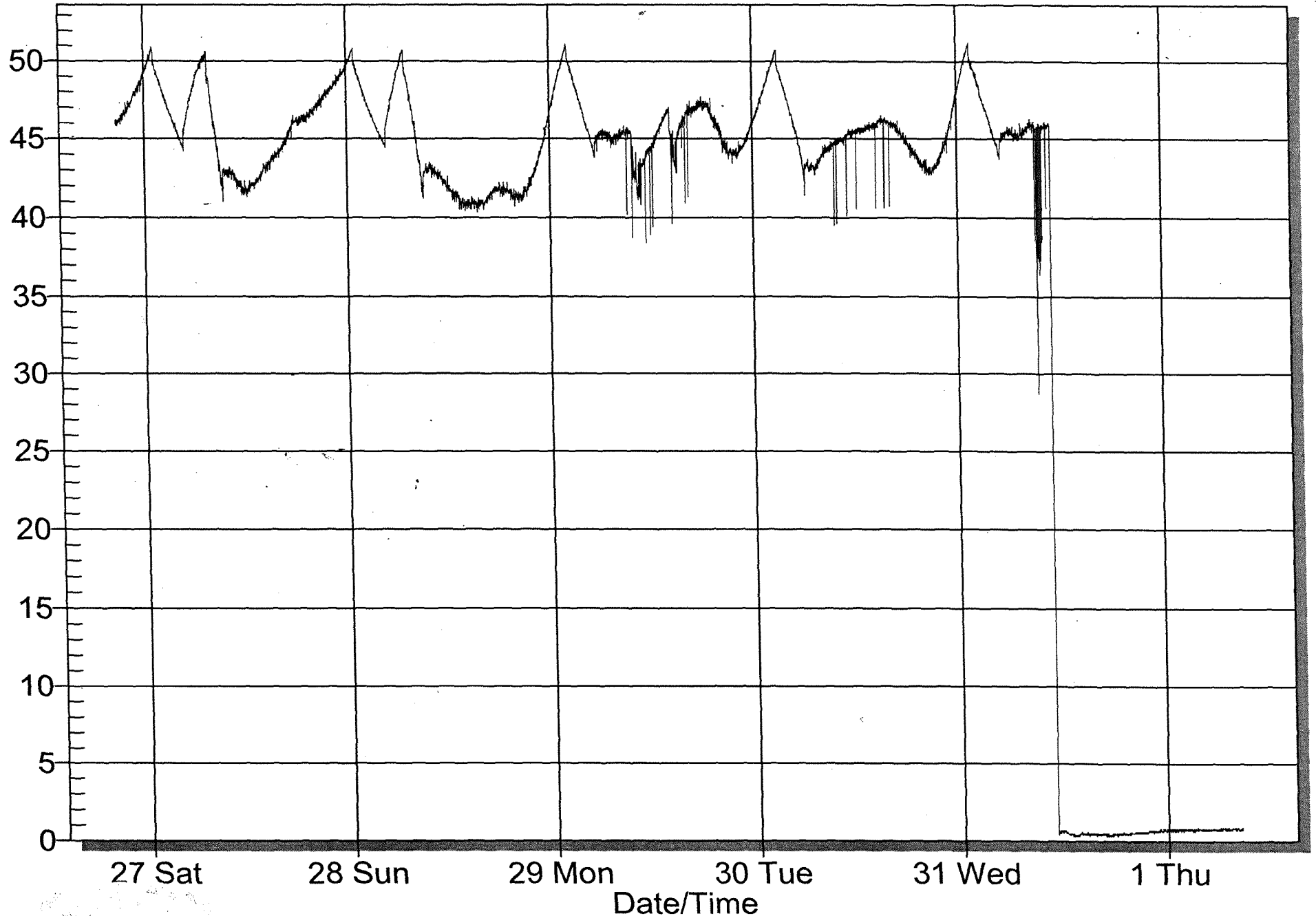
Farmdale Water-Pressure/psig



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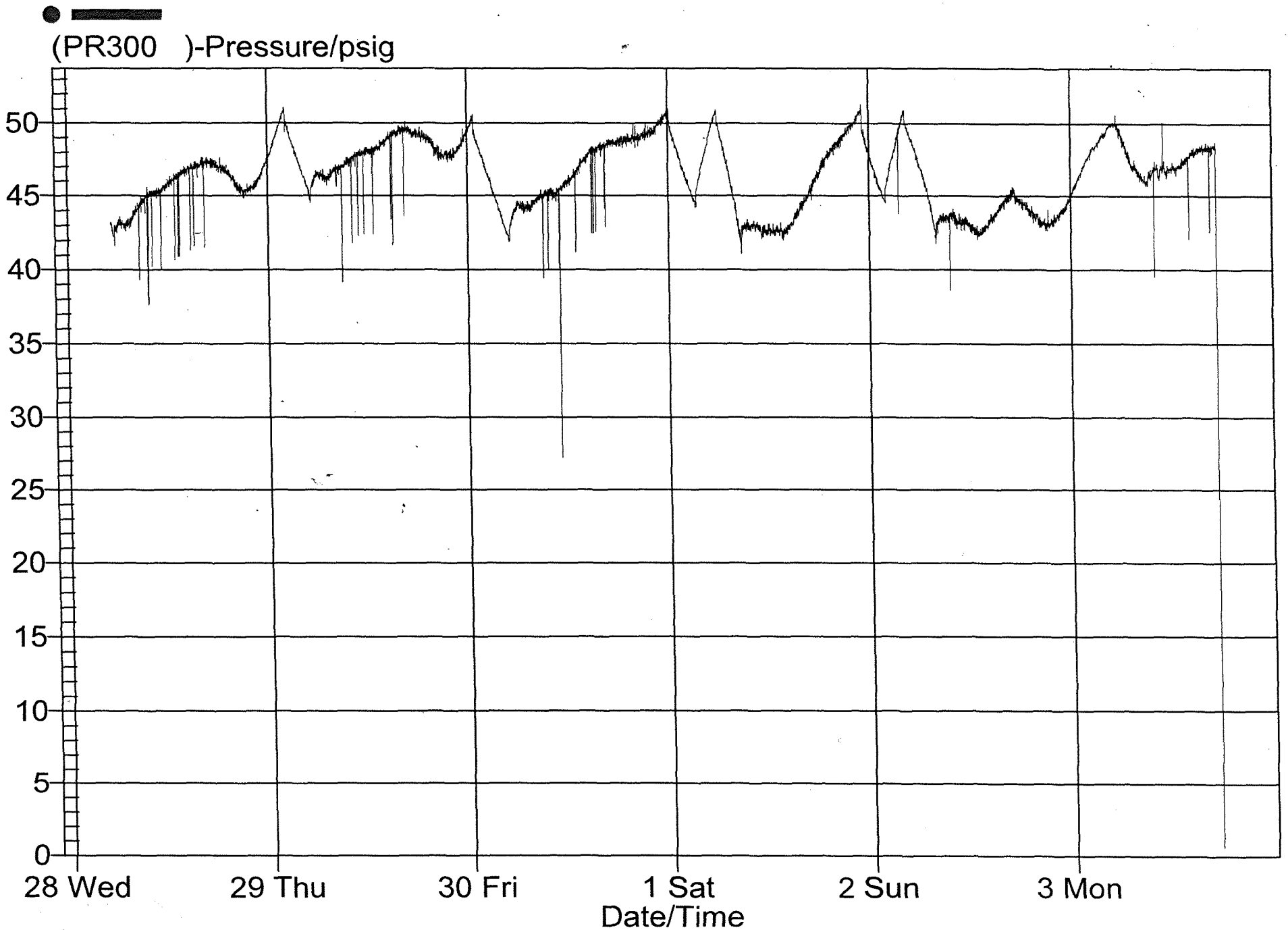


(PR300)-Pressure/psig



Downloaded Data - Monday, October 03, 2011

100 Highwood Drive

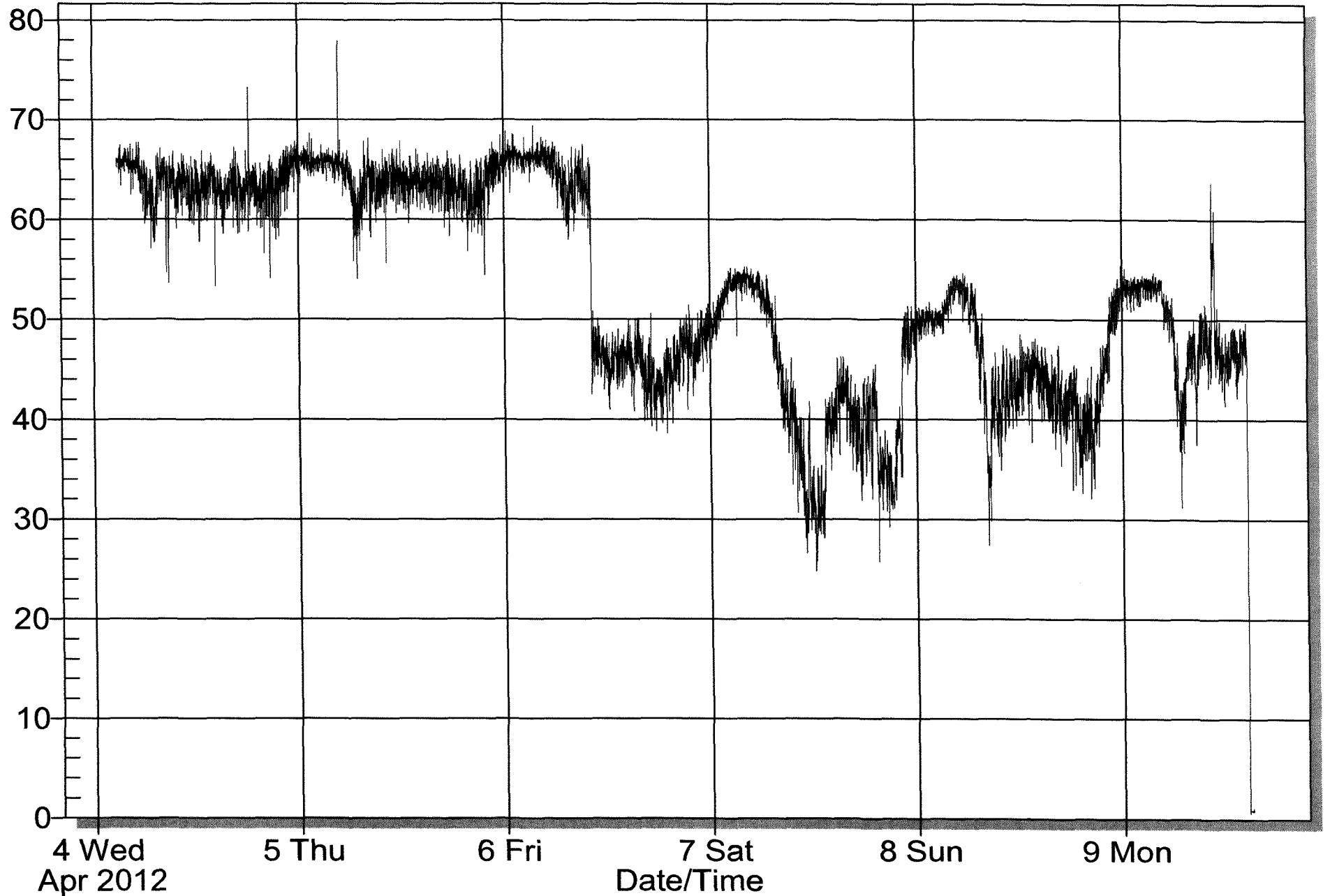


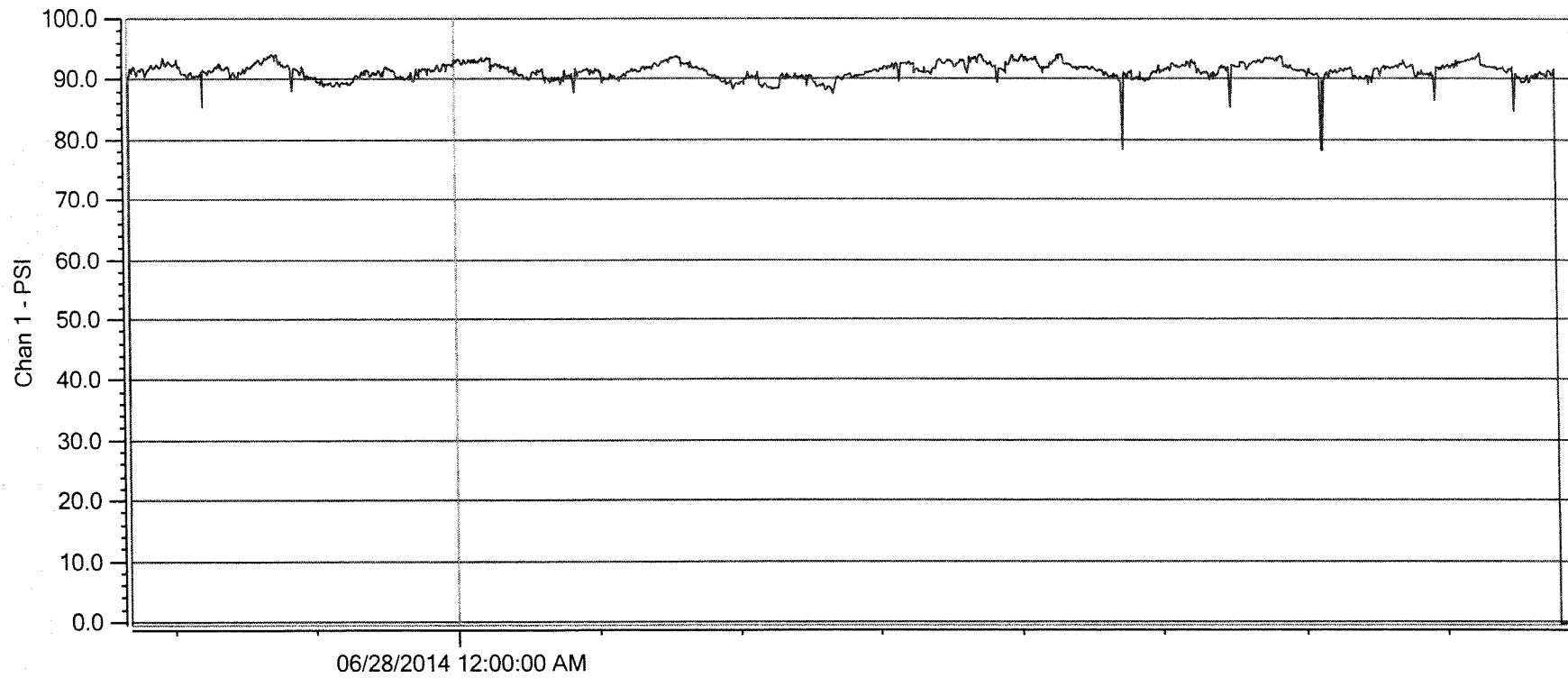
Downloaded Data - Monday, April 09, 2012

5218 Huntingwoods Road



Farmdale Water-Pressure/psig





Data Date: 06/26/2014 09:01:00

Unit Tag: 66 Iron Drive

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/26/2014 09:01:00 | -0.5 | | 80.6 | |
| 06/26/2014 09:11:00 | 89.9 | | 78.8 | |
| 06/26/2014 09:21:00 | 91.8 | | 77.0 | |
| 06/26/2014 09:31:00 | 91.0 | | 76.1 | |
| 06/26/2014 09:41:00 | 91.3 | | 75.2 | |
| 06/26/2014 09:51:00 | 91.9 | | 75.2 | |
| 06/26/2014 10:01:00 | 91.6 | | 75.2 | |
| 06/26/2014 10:11:00 | 90.4 | | 76.1 | |
| 06/26/2014 10:21:00 | 91.4 | | 76.1 | |
| 06/26/2014 10:31:00 | 91.1 | | 76.1 | |
| 06/26/2014 10:41:00 | 91.2 | | 76.1 | |
| 06/26/2014 10:51:00 | 91.7 | | 77.0 | |
| 06/26/2014 11:01:00 | 91.8 | | 77.0 | |
| 06/26/2014 11:11:00 | 90.4 | | 77.0 | |
| 06/26/2014 11:21:00 | 91.2 | | 77.0 | |
| 06/26/2014 11:31:00 | 91.4 | | 77.0 | |
| 06/26/2014 11:41:00 | 91.7 | | 77.0 | |
| 06/26/2014 11:51:00 | 91.6 | | 77.0 | |
| 06/26/2014 12:01:00 | 92.3 | | 77.0 | |
| 06/26/2014 12:11:00 | 91.9 | | 77.0 | |
| 06/26/2014 12:21:00 | 91.7 | | 77.9 | |
| 06/26/2014 12:31:00 | 92.2 | | 77.9 | |
| 06/26/2014 12:41:00 | 92.0 | | 77.9 | |
| 06/26/2014 12:51:00 | 92.2 | | 78.8 | |
| 06/26/2014 13:01:00 | 91.7 | | 78.8 | |
| 06/26/2014 13:11:00 | 92.1 | | 78.8 | |
| 06/26/2014 13:21:00 | 93.3 | | 78.8 | |
| 06/26/2014 13:31:00 | 92.2 | | 79.7 | |
| 06/26/2014 13:41:00 | 92.1 | | 78.8 | |
| 06/26/2014 13:51:00 | 92.0 | | 79.7 | |
| 06/26/2014 14:01:00 | 92.9 | | 79.7 | |
| 06/26/2014 14:11:00 | 92.7 | | 79.7 | |
| 06/26/2014 14:21:00 | 92.4 | | 79.7 | |
| 06/26/2014 14:31:00 | 92.1 | | 80.6 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/26/2014 14:41:00 | 92.2 | | 79.7 | |
| 06/26/2014 14:51:00 | 92.7 | | 80.6 | |
| 06/26/2014 15:01:00 | 93.3 | | 80.6 | |
| 06/26/2014 15:11:00 | 91.8 | | 80.6 | |
| 06/26/2014 15:21:00 | 92.0 | | 80.6 | |
| 06/26/2014 15:31:00 | 91.0 | | 80.6 | |
| 06/26/2014 15:41:00 | 91.1 | | 80.6 | |
| 06/26/2014 15:51:00 | 90.9 | | 80.6 | |
| 06/26/2014 16:01:00 | 90.8 | | 80.6 | |
| 06/26/2014 16:11:00 | 90.7 | | 81.5 | |
| 06/26/2014 16:21:00 | 90.2 | | 81.5 | |
| 06/26/2014 16:31:00 | 90.9 | | 82.4 | |
| 06/26/2014 16:41:00 | 91.1 | | 83.3 | |
| 06/26/2014 16:51:00 | 90.1 | | 82.4 | |
| 06/26/2014 17:01:00 | 90.7 | | 82.4 | |
| 06/26/2014 17:11:00 | 90.5 | | 82.4 | |
| 06/26/2014 17:21:00 | 90.4 | | 81.5 | |
| 06/26/2014 17:31:00 | 90.6 | | 81.5 | |
| 06/26/2014 17:41:00 | 90.4 | | 81.5 | |
| 06/26/2014 17:51:00 | 91.2 | | 81.5 | |
| 06/26/2014 18:01:00 | 85.0 | | 81.5 | |
| 06/26/2014 18:11:00 | 91.6 | | 81.5 | |
| 06/26/2014 18:21:00 | 91.3 | | 80.6 | |
| 06/26/2014 18:31:00 | 91.1 | | 80.6 | |
| 06/26/2014 18:41:00 | 90.7 | | 80.6 | |
| 06/26/2014 18:51:00 | 91.4 | | 80.6 | |
| 06/26/2014 19:01:00 | 91.3 | | 83.3 | |
| 06/26/2014 19:11:00 | 91.1 | | 86.0 | |
| 06/26/2014 19:21:00 | 91.3 | | 86.9 | |
| 06/26/2014 19:31:00 | 91.4 | | 84.2 | |
| 06/26/2014 19:41:00 | 92.0 | | 83.3 | |
| 06/26/2014 19:51:00 | 91.9 | | 81.5 | |
| 06/26/2014 20:01:00 | 92.7 | | 80.6 | |
| 06/26/2014 20:11:00 | 91.8 | | 79.7 | |
| 06/26/2014 20:21:00 | 92.3 | | 78.8 | |
| 06/26/2014 20:31:00 | 91.5 | | 77.9 | |
| 06/26/2014 20:41:00 | 91.6 | | 77.0 | |
| 06/26/2014 20:51:00 | 91.7 | | 77.0 | |
| 06/26/2014 21:01:00 | 92.0 | | 77.0 | |
| 06/26/2014 21:11:00 | 91.9 | | 77.0 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/26/2014 21:21:00 | 90.3 | | 77.0 | |
| 06/26/2014 21:31:00 | 90.2 | | 77.0 | |
| 06/26/2014 21:41:00 | 90.6 | | 76.1 | |
| 06/26/2014 21:51:00 | 91.2 | | 76.1 | |
| 06/26/2014 22:01:00 | 90.4 | | 76.1 | |
| 06/26/2014 22:11:00 | 90.3 | | 76.1 | |
| 06/26/2014 22:21:00 | 90.0 | | 75.2 | |
| 06/26/2014 22:31:00 | 91.3 | | 75.2 | |
| 06/26/2014 22:41:00 | 90.8 | | 75.2 | |
| 06/26/2014 22:51:00 | 90.8 | | 74.3 | |
| 06/26/2014 23:01:00 | 91.7 | | 74.3 | |
| 06/26/2014 23:11:00 | 90.9 | | 73.4 | |
| 06/26/2014 23:21:00 | 91.9 | | 73.4 | |
| 06/26/2014 23:31:00 | 92.0 | | 73.4 | |
| 06/26/2014 23:41:00 | 91.7 | | 72.5 | |
| 06/26/2014 23:51:00 | 91.8 | | 72.5 | |
| 06/27/2014 00:01:00 | 92.1 | | 72.5 | |
| 06/27/2014 00:11:00 | 92.3 | | 72.5 | |
| 06/27/2014 00:21:00 | 92.4 | | 72.5 | |
| 06/27/2014 00:31:00 | 92.8 | | 71.6 | |
| 06/27/2014 00:41:00 | 92.5 | | 71.6 | |
| 06/27/2014 00:51:00 | 93.0 | | 71.6 | |
| 06/27/2014 01:01:00 | 92.6 | | 71.6 | |
| 06/27/2014 01:11:00 | 92.2 | | 71.6 | |
| 06/27/2014 01:21:00 | 92.9 | | 71.6 | |
| 06/27/2014 01:31:00 | 93.3 | | 71.6 | |
| 06/27/2014 01:41:00 | 93.2 | | 70.7 | |
| 06/27/2014 01:51:00 | 93.2 | | 70.7 | |
| 06/27/2014 02:01:00 | 93.6 | | 70.7 | |
| 06/27/2014 02:11:00 | 93.5 | | 70.7 | |
| 06/27/2014 02:21:00 | 94.0 | | 70.7 | |
| 06/27/2014 02:31:00 | 93.7 | | 70.7 | |
| 06/27/2014 02:41:00 | 92.8 | | 70.7 | |
| 06/27/2014 02:51:00 | 93.6 | | 70.7 | |
| 06/27/2014 03:01:00 | 93.9 | | 70.7 | |
| 06/27/2014 03:11:00 | 92.4 | | 69.8 | |
| 06/27/2014 03:21:00 | 92.8 | | 69.8 | |
| 06/27/2014 03:31:00 | 92.1 | | 69.8 | |
| 06/27/2014 03:41:00 | 92.2 | | 69.8 | |
| 06/27/2014 03:51:00 | 92.1 | | 69.8 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/27/2014 04:01:00 | 91.9 | | 69.8 | |
| 06/27/2014 04:11:00 | 92.1 | | 69.8 | |
| 06/27/2014 04:21:00 | 92.3 | | 68.9 | |
| 06/27/2014 04:31:00 | 91.9 | | 68.9 | |
| 06/27/2014 04:41:00 | 87.9 | | 68.9 | |
| 06/27/2014 04:51:00 | 91.7 | | 68.9 | |
| 06/27/2014 05:01:00 | 91.8 | | 68.9 | |
| 06/27/2014 05:11:00 | 91.7 | | 68.9 | |
| 06/27/2014 05:21:00 | 91.4 | | 68.9 | |
| 06/27/2014 05:31:00 | 91.4 | | 68.0 | |
| 06/27/2014 05:41:00 | 90.6 | | 68.0 | |
| 06/27/2014 05:51:00 | 91.1 | | 68.0 | |
| 06/27/2014 06:01:00 | 92.0 | | 68.0 | |
| 06/27/2014 06:11:00 | 91.5 | | 68.0 | |
| 06/27/2014 06:21:00 | 90.0 | | 68.0 | |
| 06/27/2014 06:31:00 | 90.7 | | 68.0 | |
| 06/27/2014 06:41:00 | 90.4 | | 68.0 | |
| 06/27/2014 06:51:00 | 90.1 | | 68.0 | |
| 06/27/2014 07:01:00 | 90.3 | | 68.0 | |
| 06/27/2014 07:11:00 | 90.2 | | 68.9 | |
| 06/27/2014 07:21:00 | 90.0 | | 68.9 | |
| 06/27/2014 07:31:00 | 90.5 | | 68.9 | |
| 06/27/2014 07:41:00 | 89.7 | | 69.8 | |
| 06/27/2014 07:51:00 | 89.5 | | 69.8 | |
| 06/27/2014 08:01:00 | 89.4 | | 69.8 | |
| 06/27/2014 08:11:00 | 89.1 | | 70.7 | |
| 06/27/2014 08:21:00 | 89.8 | | 70.7 | |
| 06/27/2014 08:31:00 | 88.8 | | 71.6 | |
| 06/27/2014 08:41:00 | 89.4 | | 71.6 | |
| 06/27/2014 08:51:00 | 88.9 | | 72.5 | |
| 06/27/2014 09:01:00 | 89.3 | | 72.5 | |
| 06/27/2014 09:11:00 | 89.0 | | 73.4 | |
| 06/27/2014 09:21:00 | 89.5 | | 73.4 | |
| 06/27/2014 09:31:00 | 89.0 | | 74.3 | |
| 06/27/2014 09:41:00 | 88.8 | | 75.2 | |
| 06/27/2014 09:51:00 | 89.0 | | 75.2 | |
| 06/27/2014 10:01:00 | 89.4 | | 76.1 | |
| 06/27/2014 10:11:00 | 89.5 | | 76.1 | |
| 06/27/2014 10:21:00 | 89.3 | | 77.0 | |
| 06/27/2014 10:31:00 | 88.6 | | 77.0 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/27/2014 10:41:00 | 89.5 | | 77.0 | |
| 06/27/2014 10:51:00 | 89.3 | | 77.0 | |
| 06/27/2014 11:01:00 | 89.2 | | 77.0 | |
| 06/27/2014 11:11:00 | 89.3 | | 77.9 | |
| 06/27/2014 11:21:00 | 89.6 | | 77.9 | |
| 06/27/2014 11:31:00 | 89.0 | | 77.9 | |
| 06/27/2014 11:41:00 | 88.9 | | 78.8 | |
| 06/27/2014 11:51:00 | 89.6 | | 78.8 | |
| 06/27/2014 12:01:00 | 89.5 | | 79.7 | |
| 06/27/2014 12:11:00 | 90.3 | | 78.8 | |
| 06/27/2014 12:21:00 | 90.6 | | 79.7 | |
| 06/27/2014 12:31:00 | 90.7 | | 79.7 | |
| 06/27/2014 12:41:00 | 90.4 | | 80.6 | |
| 06/27/2014 12:51:00 | 90.2 | | 80.6 | |
| 06/27/2014 13:01:00 | 91.1 | | 80.6 | |
| 06/27/2014 13:11:00 | 90.6 | | 80.6 | |
| 06/27/2014 13:21:00 | 91.4 | | 80.6 | |
| 06/27/2014 13:31:00 | 90.8 | | 81.5 | |
| 06/27/2014 13:41:00 | 91.6 | | 82.4 | |
| 06/27/2014 13:51:00 | 91.4 | | 81.5 | |
| 06/27/2014 14:01:00 | 90.4 | | 81.5 | |
| 06/27/2014 14:11:00 | 90.7 | | 81.5 | |
| 06/27/2014 14:21:00 | 91.2 | | 81.5 | |
| 06/27/2014 14:31:00 | 90.7 | | 80.6 | |
| 06/27/2014 14:41:00 | 90.9 | | 78.8 | |
| 06/27/2014 14:51:00 | 90.6 | | 77.0 | |
| 06/27/2014 15:01:00 | 91.4 | | 75.2 | |
| 06/27/2014 15:11:00 | 91.1 | | 75.2 | |
| 06/27/2014 15:21:00 | 90.4 | | 75.2 | |
| 06/27/2014 15:31:00 | 91.2 | | 76.1 | |
| 06/27/2014 15:41:00 | 90.5 | | 77.0 | |
| 06/27/2014 15:51:00 | 91.9 | | 77.0 | |
| 06/27/2014 16:01:00 | 92.0 | | 77.0 | |
| 06/27/2014 16:11:00 | 91.5 | | 77.9 | |
| 06/27/2014 16:21:00 | 91.7 | | 77.9 | |
| 06/27/2014 16:31:00 | 91.3 | | 78.8 | |
| 06/27/2014 16:41:00 | 91.5 | | 79.7 | |
| 06/27/2014 16:51:00 | 91.4 | | 80.6 | |
| 06/27/2014 17:01:00 | 91.1 | | 80.6 | |
| 06/27/2014 17:11:00 | 90.0 | | 79.7 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/27/2014 17:21:00 | 90.5 | | 78.8 | |
| 06/27/2014 17:31:00 | 90.1 | | 78.8 | |
| 06/27/2014 17:41:00 | 90.8 | | 79.7 | |
| 06/27/2014 17:51:00 | 90.2 | | 79.7 | |
| 06/27/2014 18:01:00 | 90.5 | | 80.6 | |
| 06/27/2014 18:11:00 | 89.7 | | 80.6 | |
| 06/27/2014 18:21:00 | 90.2 | | 80.6 | |
| 06/27/2014 18:31:00 | 90.0 | | 80.6 | |
| 06/27/2014 18:41:00 | 90.5 | | 79.7 | |
| 06/27/2014 18:51:00 | 89.7 | | 78.8 | |
| 06/27/2014 19:01:00 | 91.1 | | 77.9 | |
| 06/27/2014 19:11:00 | 89.6 | | 77.9 | |
| 06/27/2014 19:21:00 | 89.8 | | 77.9 | |
| 06/27/2014 19:31:00 | 91.8 | | 77.0 | |
| 06/27/2014 19:41:00 | 90.7 | | 77.0 | |
| 06/27/2014 19:51:00 | 90.5 | | 77.0 | |
| 06/27/2014 20:01:00 | 91.8 | | 77.0 | |
| 06/27/2014 20:11:00 | 91.1 | | 77.0 | |
| 06/27/2014 20:21:00 | 91.6 | | 76.1 | |
| 06/27/2014 20:31:00 | 91.4 | | 76.1 | |
| 06/27/2014 20:41:00 | 91.7 | | 76.1 | |
| 06/27/2014 20:51:00 | 90.8 | | 75.2 | |
| 06/27/2014 21:01:00 | 91.5 | | 75.2 | |
| 06/27/2014 21:11:00 | 91.7 | | 75.2 | |
| 06/27/2014 21:21:00 | 91.3 | | 75.2 | |
| 06/27/2014 21:31:00 | 91.5 | | 75.2 | |
| 06/27/2014 21:41:00 | 91.2 | | 75.2 | |
| 06/27/2014 21:51:00 | 91.8 | | 74.3 | |
| 06/27/2014 22:01:00 | 92.1 | | 74.3 | |
| 06/27/2014 22:11:00 | 92.3 | | 74.3 | |
| 06/27/2014 22:21:00 | 91.6 | | 74.3 | |
| 06/27/2014 22:31:00 | 91.2 | | 74.3 | |
| 06/27/2014 22:41:00 | 92.0 | | 73.4 | |
| 06/27/2014 22:51:00 | 92.5 | | 73.4 | |
| 06/27/2014 23:01:00 | 92.1 | | 73.4 | |
| 06/27/2014 23:11:00 | 91.3 | | 73.4 | |
| 06/27/2014 23:21:00 | 92.3 | | 73.4 | |
| 06/27/2014 23:31:00 | 92.2 | | 73.4 | |
| 06/27/2014 23:41:00 | 92.2 | | 73.4 | |
| 06/27/2014 23:51:00 | 92.0 | | 73.4 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/28/2014 00:01:00 | 93.0 | | 73.4 | |
| 06/28/2014 00:11:00 | 92.5 | | 73.4 | |
| 06/28/2014 00:21:00 | 92.5 | | 72.5 | |
| 06/28/2014 00:31:00 | 93.0 | | 72.5 | |
| 06/28/2014 00:41:00 | 93.1 | | 71.6 | |
| 06/28/2014 00:51:00 | 92.6 | | 71.6 | |
| 06/28/2014 01:01:00 | 92.4 | | 71.6 | |
| 06/28/2014 01:11:00 | 93.0 | | 71.6 | |
| 06/28/2014 01:21:00 | 93.0 | | 71.6 | |
| 06/28/2014 01:31:00 | 92.7 | | 71.6 | |
| 06/28/2014 01:41:00 | 92.6 | | 71.6 | |
| 06/28/2014 01:51:00 | 93.0 | | 71.6 | |
| 06/28/2014 02:01:00 | 92.7 | | 71.6 | |
| 06/28/2014 02:11:00 | 93.0 | | 71.6 | |
| 06/28/2014 02:21:00 | 92.6 | | 70.7 | |
| 06/28/2014 02:31:00 | 93.2 | | 70.7 | |
| 06/28/2014 02:41:00 | 92.8 | | 70.7 | |
| 06/28/2014 02:51:00 | 92.7 | | 70.7 | |
| 06/28/2014 03:01:00 | 93.0 | | 70.7 | |
| 06/28/2014 03:11:00 | 93.1 | | 70.7 | |
| 06/28/2014 03:21:00 | 93.3 | | 70.7 | |
| 06/28/2014 03:31:00 | 92.8 | | 70.7 | |
| 06/28/2014 03:41:00 | 92.8 | | 70.7 | |
| 06/28/2014 03:51:00 | 93.2 | | 70.7 | |
| 06/28/2014 04:01:00 | 93.5 | | 69.8 | |
| 06/28/2014 04:11:00 | 93.0 | | 69.8 | |
| 06/28/2014 04:21:00 | 93.5 | | 69.8 | |
| 06/28/2014 04:31:00 | 91.3 | | 69.8 | |
| 06/28/2014 04:41:00 | 92.3 | | 69.8 | |
| 06/28/2014 04:51:00 | 92.0 | | 69.8 | |
| 06/28/2014 05:01:00 | 92.5 | | 69.8 | |
| 06/28/2014 05:11:00 | 92.4 | | 69.8 | |
| 06/28/2014 05:21:00 | 92.1 | | 69.8 | |
| 06/28/2014 05:31:00 | 92.3 | | 69.8 | |
| 06/28/2014 05:41:00 | 91.6 | | 69.8 | |
| 06/28/2014 05:51:00 | 92.1 | | 69.8 | |
| 06/28/2014 06:01:00 | 92.2 | | 69.8 | |
| 06/28/2014 06:11:00 | 91.7 | | 69.8 | |
| 06/28/2014 06:21:00 | 91.7 | | 69.8 | |
| 06/28/2014 06:31:00 | 92.1 | | 69.8 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/28/2014 06:41:00 | 91.1 | | 69.8 | |
| 06/28/2014 06:51:00 | 91.3 | | 69.8 | |
| 06/28/2014 07:01:00 | 91.4 | | 69.8 | |
| 06/28/2014 07:11:00 | 90.7 | | 69.8 | |
| 06/28/2014 07:21:00 | 92.1 | | 69.8 | |
| 06/28/2014 07:31:00 | 90.8 | | 69.8 | |
| 06/28/2014 07:41:00 | 90.6 | | 69.8 | |
| 06/28/2014 07:51:00 | 90.8 | | 70.7 | |
| 06/28/2014 08:01:00 | 90.5 | | 70.7 | |
| 06/28/2014 08:11:00 | 90.9 | | 70.7 | |
| 06/28/2014 08:21:00 | 90.0 | | 71.6 | |
| 06/28/2014 08:31:00 | 90.0 | | 71.6 | |
| 06/28/2014 08:41:00 | 90.5 | | 71.6 | |
| 06/28/2014 08:51:00 | 90.2 | | 71.6 | |
| 06/28/2014 09:01:00 | 89.9 | | 71.6 | |
| 06/28/2014 09:11:00 | 90.1 | | 72.5 | |
| 06/28/2014 09:21:00 | 91.2 | | 73.4 | |
| 06/28/2014 09:31:00 | 91.1 | | 73.4 | |
| 06/28/2014 09:41:00 | 90.8 | | 74.3 | |
| 06/28/2014 09:51:00 | 90.6 | | 74.3 | |
| 06/28/2014 10:01:00 | 91.5 | | 74.3 | |
| 06/28/2014 10:11:00 | 91.2 | | 75.2 | |
| 06/28/2014 10:21:00 | 91.1 | | 75.2 | |
| 06/28/2014 10:31:00 | 91.7 | | 75.2 | |
| 06/28/2014 10:41:00 | 90.1 | | 75.2 | |
| 06/28/2014 10:51:00 | 89.4 | | 75.2 | |
| 06/28/2014 11:01:00 | 90.4 | | 75.2 | |
| 06/28/2014 11:11:00 | 90.1 | | 76.1 | |
| 06/28/2014 11:21:00 | 89.8 | | 76.1 | |
| 06/28/2014 11:31:00 | 89.3 | | 76.1 | |
| 06/28/2014 11:41:00 | 90.3 | | 77.0 | |
| 06/28/2014 11:51:00 | 89.6 | | 77.0 | |
| 06/28/2014 12:01:00 | 90.3 | | 77.0 | |
| 06/28/2014 12:11:00 | 89.9 | | 77.9 | |
| 06/28/2014 12:21:00 | 89.7 | | 77.9 | |
| 06/28/2014 12:31:00 | 90.5 | | 77.9 | |
| 06/28/2014 12:41:00 | 89.1 | | 77.0 | |
| 06/28/2014 12:51:00 | 90.4 | | 77.0 | |
| 06/28/2014 13:01:00 | 89.6 | | 77.0 | |
| 06/28/2014 13:11:00 | 91.5 | | 77.0 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/28/2014 13:21:00 | 90.7 | | 77.0 | |
| 06/28/2014 13:31:00 | 90.5 | | 77.0 | |
| 06/28/2014 13:41:00 | 90.5 | | 77.0 | |
| 06/28/2014 13:51:00 | 90.5 | | 77.0 | |
| 06/28/2014 14:01:00 | 90.8 | | 77.0 | |
| 06/28/2014 14:11:00 | 90.2 | | 77.0 | |
| 06/28/2014 14:21:00 | 87.7 | | 77.9 | |
| 06/28/2014 14:31:00 | 91.6 | | 77.9 | |
| 06/28/2014 14:41:00 | 90.5 | | 78.8 | |
| 06/28/2014 14:51:00 | 91.1 | | 78.8 | |
| 06/28/2014 15:01:00 | 91.1 | | 79.7 | |
| 06/28/2014 15:11:00 | 91.1 | | 79.7 | |
| 06/28/2014 15:21:00 | 91.1 | | 79.7 | |
| 06/28/2014 15:31:00 | 91.5 | | 80.6 | |
| 06/28/2014 15:41:00 | 91.4 | | 80.6 | |
| 06/28/2014 15:51:00 | 91.8 | | 81.5 | |
| 06/28/2014 16:01:00 | 91.2 | | 81.5 | |
| 06/28/2014 16:11:00 | 90.7 | | 80.6 | |
| 06/28/2014 16:21:00 | 91.6 | | 81.5 | |
| 06/28/2014 16:31:00 | 91.2 | | 81.5 | |
| 06/28/2014 16:41:00 | 91.0 | | 82.4 | |
| 06/28/2014 16:51:00 | 91.8 | | 82.4 | |
| 06/28/2014 17:01:00 | 91.3 | | 82.4 | |
| 06/28/2014 17:11:00 | 91.4 | | 81.5 | |
| 06/28/2014 17:21:00 | 90.6 | | 81.5 | |
| 06/28/2014 17:31:00 | 91.3 | | 81.5 | |
| 06/28/2014 17:41:00 | 89.4 | | 81.5 | |
| 06/28/2014 17:51:00 | 90.5 | | 80.6 | |
| 06/28/2014 18:01:00 | 90.0 | | 79.7 | |
| 06/28/2014 18:11:00 | 90.0 | | 79.7 | |
| 06/28/2014 18:21:00 | 89.7 | | 78.8 | |
| 06/28/2014 18:31:00 | 89.9 | | 78.8 | |
| 06/28/2014 18:41:00 | 90.8 | | 78.8 | |
| 06/28/2014 18:51:00 | 90.2 | | 78.8 | |
| 06/28/2014 19:01:00 | 90.6 | | 78.8 | |
| 06/28/2014 19:11:00 | 90.1 | | 77.9 | |
| 06/28/2014 19:21:00 | 89.8 | | 77.9 | |
| 06/28/2014 19:31:00 | 90.4 | | 77.0 | |
| 06/28/2014 19:41:00 | 89.5 | | 77.0 | |
| 06/28/2014 19:51:00 | 90.4 | | 77.0 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/28/2014 20:01:00 | 90.4 | | 77.0 | |
| 06/28/2014 20:11:00 | 90.9 | | 77.0 | |
| 06/28/2014 20:21:00 | 90.5 | | 77.0 | |
| 06/28/2014 20:31:00 | 91.0 | | 76.1 | |
| 06/28/2014 20:41:00 | 91.1 | | 76.1 | |
| 06/28/2014 20:51:00 | 91.1 | | 76.1 | |
| 06/28/2014 21:01:00 | 91.3 | | 76.1 | |
| 06/28/2014 21:11:00 | 91.7 | | 75.2 | |
| 06/28/2014 21:21:00 | 91.2 | | 75.2 | |
| 06/28/2014 21:31:00 | 91.4 | | 75.2 | |
| 06/28/2014 21:41:00 | 91.5 | | 74.3 | |
| 06/28/2014 21:51:00 | 91.2 | | 74.3 | |
| 06/28/2014 22:01:00 | 91.3 | | 74.3 | |
| 06/28/2014 22:11:00 | 91.2 | | 74.3 | |
| 06/28/2014 22:21:00 | 91.7 | | 73.4 | |
| 06/28/2014 22:31:00 | 91.9 | | 73.4 | |
| 06/28/2014 22:41:00 | 91.6 | | 73.4 | |
| 06/28/2014 22:51:00 | 91.4 | | 73.4 | |
| 06/28/2014 23:01:00 | 92.0 | | 73.4 | |
| 06/28/2014 23:11:00 | 91.7 | | 73.4 | |
| 06/28/2014 23:21:00 | 92.2 | | 72.5 | |
| 06/28/2014 23:31:00 | 91.5 | | 72.5 | |
| 06/28/2014 23:41:00 | 92.3 | | 72.5 | |
| 06/28/2014 23:51:00 | 92.4 | | 72.5 | |
| 06/29/2014 00:01:00 | 92.5 | | 72.5 | |
| 06/29/2014 00:11:00 | 92.3 | | 72.5 | |
| 06/29/2014 00:21:00 | 92.1 | | 72.5 | |
| 06/29/2014 00:31:00 | 92.4 | | 72.5 | |
| 06/29/2014 00:41:00 | 93.0 | | 72.5 | |
| 06/29/2014 00:51:00 | 92.7 | | 72.5 | |
| 06/29/2014 01:01:00 | 93.0 | | 72.5 | |
| 06/29/2014 01:11:00 | 92.7 | | 72.5 | |
| 06/29/2014 01:21:00 | 93.2 | | 72.5 | |
| 06/29/2014 01:31:00 | 92.7 | | 72.5 | |
| 06/29/2014 01:41:00 | 93.3 | | 71.6 | |
| 06/29/2014 01:51:00 | 93.3 | | 71.6 | |
| 06/29/2014 02:01:00 | 93.5 | | 71.6 | |
| 06/29/2014 02:11:00 | 93.5 | | 71.6 | |
| 06/29/2014 02:21:00 | 93.5 | | 71.6 | |
| 06/29/2014 02:31:00 | 93.6 | | 71.6 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/29/2014 02:41:00 | 93.4 | | 71.6 | |
| 06/29/2014 02:51:00 | 93.3 | | 71.6 | |
| 06/29/2014 03:01:00 | 92.1 | | 71.6 | |
| 06/29/2014 03:11:00 | 92.5 | | 71.6 | |
| 06/29/2014 03:21:00 | 92.4 | | 71.6 | |
| 06/29/2014 03:31:00 | 92.2 | | 71.6 | |
| 06/29/2014 03:41:00 | 92.6 | | 71.6 | |
| 06/29/2014 03:51:00 | 92.3 | | 71.6 | |
| 06/29/2014 04:01:00 | 91.8 | | 71.6 | |
| 06/29/2014 04:11:00 | 92.8 | | 70.7 | |
| 06/29/2014 04:21:00 | 92.0 | | 70.7 | |
| 06/29/2014 04:31:00 | 91.9 | | 70.7 | |
| 06/29/2014 04:41:00 | 91.7 | | 70.7 | |
| 06/29/2014 04:51:00 | 92.0 | | 70.7 | |
| 06/29/2014 05:01:00 | 91.7 | | 70.7 | |
| 06/29/2014 05:11:00 | 91.5 | | 70.7 | |
| 06/29/2014 05:21:00 | 91.8 | | 70.7 | |
| 06/29/2014 05:31:00 | 91.5 | | 70.7 | |
| 06/29/2014 05:41:00 | 91.8 | | 70.7 | |
| 06/29/2014 05:51:00 | 91.2 | | 70.7 | |
| 06/29/2014 06:01:00 | 91.5 | | 70.7 | |
| 06/29/2014 06:11:00 | 90.9 | | 70.7 | |
| 06/29/2014 06:21:00 | 90.6 | | 70.7 | |
| 06/29/2014 06:31:00 | 90.7 | | 70.7 | |
| 06/29/2014 06:41:00 | 90.6 | | 70.7 | |
| 06/29/2014 06:51:00 | 90.4 | | 70.7 | |
| 06/29/2014 07:01:00 | 90.8 | | 70.7 | |
| 06/29/2014 07:11:00 | 90.5 | | 70.7 | |
| 06/29/2014 07:21:00 | 90.2 | | 70.7 | |
| 06/29/2014 07:31:00 | 90.5 | | 71.6 | |
| 06/29/2014 07:41:00 | 90.1 | | 71.6 | |
| 06/29/2014 07:51:00 | 89.6 | | 71.6 | |
| 06/29/2014 08:01:00 | 89.4 | | 71.6 | |
| 06/29/2014 08:11:00 | 89.6 | | 71.6 | |
| 06/29/2014 08:21:00 | 89.7 | | 72.5 | |
| 06/29/2014 08:31:00 | 89.0 | | 73.4 | |
| 06/29/2014 08:41:00 | 89.3 | | 73.4 | |
| 06/29/2014 08:51:00 | 89.2 | | 74.3 | |
| 06/29/2014 09:01:00 | 89.9 | | 74.3 | |
| 06/29/2014 09:11:00 | 88.1 | | 74.3 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/29/2014 09:21:00 | 88.8 | | 74.3 | |
| 06/29/2014 09:31:00 | 88.8 | | 74.3 | |
| 06/29/2014 09:41:00 | 89.3 | | 75.2 | |
| 06/29/2014 09:51:00 | 89.2 | | 76.1 | |
| 06/29/2014 10:01:00 | 89.0 | | 75.2 | |
| 06/29/2014 10:11:00 | 89.6 | | 75.2 | |
| 06/29/2014 10:21:00 | 89.6 | | 75.2 | |
| 06/29/2014 10:31:00 | 89.1 | | 75.2 | |
| 06/29/2014 10:41:00 | 90.0 | | 76.1 | |
| 06/29/2014 10:51:00 | 89.8 | | 76.1 | |
| 06/29/2014 11:01:00 | 91.3 | | 77.0 | |
| 06/29/2014 11:11:00 | 90.4 | | 77.0 | |
| 06/29/2014 11:21:00 | 90.2 | | 77.0 | |
| 06/29/2014 11:31:00 | 90.5 | | 77.0 | |
| 06/29/2014 11:41:00 | 90.5 | | 77.0 | |
| 06/29/2014 11:51:00 | 90.4 | | 77.0 | |
| 06/29/2014 12:01:00 | 89.7 | | 77.0 | |
| 06/29/2014 12:11:00 | 91.2 | | 77.9 | |
| 06/29/2014 12:21:00 | 88.9 | | 77.9 | |
| 06/29/2014 12:31:00 | 89.0 | | 78.8 | |
| 06/29/2014 12:41:00 | 88.4 | | 79.7 | |
| 06/29/2014 12:51:00 | 88.3 | | 79.7 | |
| 06/29/2014 13:01:00 | 89.1 | | 80.6 | |
| 06/29/2014 13:11:00 | 89.4 | | 80.6 | |
| 06/29/2014 13:21:00 | 88.7 | | 80.6 | |
| 06/29/2014 13:31:00 | 88.3 | | 80.6 | |
| 06/29/2014 13:41:00 | 88.3 | | 80.6 | |
| 06/29/2014 13:51:00 | 88.6 | | 81.5 | |
| 06/29/2014 14:01:00 | 88.1 | | 80.6 | |
| 06/29/2014 14:11:00 | 88.4 | | 81.5 | |
| 06/29/2014 14:21:00 | 88.4 | | 81.5 | |
| 06/29/2014 14:31:00 | 88.6 | | 81.5 | |
| 06/29/2014 14:41:00 | 88.5 | | 81.5 | |
| 06/29/2014 14:51:00 | 89.8 | | 81.5 | |
| 06/29/2014 15:01:00 | 90.0 | | 81.5 | |
| 06/29/2014 15:11:00 | 90.8 | | 81.5 | |
| 06/29/2014 15:21:00 | 90.5 | | 79.7 | |
| 06/29/2014 15:31:00 | 89.8 | | 80.6 | |
| 06/29/2014 15:41:00 | 90.9 | | 80.6 | |
| 06/29/2014 15:51:00 | 90.4 | | 80.6 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/29/2014 16:01:00 | 90.1 | | 80.6 | |
| 06/29/2014 16:11:00 | 90.4 | | 81.5 | |
| 06/29/2014 16:21:00 | 90.1 | | 81.5 | |
| 06/29/2014 16:31:00 | 90.0 | | 82.4 | |
| 06/29/2014 16:41:00 | 90.9 | | 82.4 | |
| 06/29/2014 16:51:00 | 90.1 | | 82.4 | |
| 06/29/2014 17:01:00 | 89.8 | | 82.4 | |
| 06/29/2014 17:11:00 | 90.3 | | 82.4 | |
| 06/29/2014 17:21:00 | 90.2 | | 81.5 | |
| 06/29/2014 17:31:00 | 90.6 | | 81.5 | |
| 06/29/2014 17:41:00 | 90.4 | | 80.6 | |
| 06/29/2014 17:51:00 | 89.8 | | 80.6 | |
| 06/29/2014 18:01:00 | 90.5 | | 79.7 | |
| 06/29/2014 18:11:00 | 88.8 | | 79.7 | |
| 06/29/2014 18:21:00 | 90.3 | | 80.6 | |
| 06/29/2014 18:31:00 | 90.5 | | 81.5 | |
| 06/29/2014 18:41:00 | 90.3 | | 81.5 | |
| 06/29/2014 18:51:00 | 89.5 | | 81.5 | |
| 06/29/2014 19:01:00 | 89.2 | | 84.2 | |
| 06/29/2014 19:11:00 | 89.4 | | 83.3 | |
| 06/29/2014 19:21:00 | 88.6 | | 82.4 | |
| 06/29/2014 19:31:00 | 88.9 | | 83.3 | |
| 06/29/2014 19:41:00 | 89.1 | | 83.3 | |
| 06/29/2014 19:51:00 | 88.8 | | 81.5 | |
| 06/29/2014 20:01:00 | 89.4 | | 80.6 | |
| 06/29/2014 20:11:00 | 88.4 | | 78.8 | |
| 06/29/2014 20:21:00 | 88.1 | | 77.9 | |
| 06/29/2014 20:31:00 | 88.1 | | 77.9 | |
| 06/29/2014 20:41:00 | 88.8 | | 77.0 | |
| 06/29/2014 20:51:00 | 88.8 | | 77.0 | |
| 06/29/2014 21:01:00 | 88.2 | | 77.0 | |
| 06/29/2014 21:11:00 | 87.3 | | 77.0 | |
| 06/29/2014 21:21:00 | 87.9 | | 77.0 | |
| 06/29/2014 21:31:00 | 88.8 | | 76.1 | |
| 06/29/2014 21:41:00 | 90.2 | | 76.1 | |
| 06/29/2014 21:51:00 | 90.4 | | 75.2 | |
| 06/29/2014 22:01:00 | 90.0 | | 75.2 | |
| 06/29/2014 22:11:00 | 90.0 | | 74.3 | |
| 06/29/2014 22:21:00 | 89.9 | | 74.3 | |
| 06/29/2014 22:31:00 | 89.9 | | 73.4 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 06/29/2014 22:41:00 | 90.8 | | 73.4 | |
| | 06/29/2014 22:51:00 | 90.8 | | 73.4 | |
| | 06/29/2014 23:01:00 | 90.6 | | 73.4 | |
| | 06/29/2014 23:11:00 | 90.9 | | 73.4 | |
| | 06/29/2014 23:21:00 | 90.6 | | 72.5 | |
| | 06/29/2014 23:31:00 | 90.1 | | 72.5 | |
| | 06/29/2014 23:41:00 | 90.2 | | 72.5 | |
| | 06/29/2014 23:51:00 | 90.4 | | 72.5 | |
| | 06/30/2014 00:01:00 | 90.7 | | 71.6 | |
| | 06/30/2014 00:11:00 | 90.4 | | 71.6 | |
| | 06/30/2014 00:21:00 | 90.6 | | 71.6 | |
| | 06/30/2014 00:31:00 | 90.7 | | 71.6 | |
| | 06/30/2014 00:41:00 | 90.7 | | 71.6 | |
| | 06/30/2014 00:51:00 | 90.8 | | 71.6 | |
| | 06/30/2014 01:01:00 | 90.6 | | 71.6 | |
| | 06/30/2014 01:11:00 | 91.3 | | 71.6 | |
| | 06/30/2014 01:21:00 | 90.9 | | 71.6 | |
| | 06/30/2014 01:31:00 | 91.3 | | 71.6 | |
| | 06/30/2014 01:41:00 | 91.2 | | 71.6 | |
| | 06/30/2014 01:51:00 | 91.2 | | 71.6 | |
| | 06/30/2014 02:01:00 | 91.3 | | 71.6 | |
| | 06/30/2014 02:11:00 | 91.4 | | 71.6 | |
| | 06/30/2014 02:21:00 | 91.5 | | 71.6 | |
| | 06/30/2014 02:31:00 | 91.3 | | 71.6 | |
| | 06/30/2014 02:41:00 | 91.2 | | 70.7 | |
| | 06/30/2014 02:51:00 | 91.6 | | 70.7 | |
| | 06/30/2014 03:01:00 | 91.6 | | 70.7 | |
| | 06/30/2014 03:11:00 | 91.6 | | 70.7 | |
| | 06/30/2014 03:21:00 | 92.0 | | 70.7 | |
| | 06/30/2014 03:31:00 | 92.0 | | 70.7 | |
| | 06/30/2014 03:41:00 | 91.5 | | 70.7 | |
| | 06/30/2014 03:51:00 | 91.9 | | 70.7 | |
| | 06/30/2014 04:01:00 | 92.1 | | 70.7 | |
| | 06/30/2014 04:11:00 | 91.9 | | 69.8 | |
| | 06/30/2014 04:21:00 | 92.6 | | 69.8 | |
| | 06/30/2014 04:31:00 | 91.4 | | 69.8 | |
| | 06/30/2014 04:41:00 | 92.5 | | 69.8 | |
| | 06/30/2014 04:51:00 | 92.5 | | 69.8 | |
| | 06/30/2014 05:01:00 | 92.3 | | 69.8 | |
| | 06/30/2014 05:11:00 | 89.5 | | 69.8 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 06/30/2014 05:21:00 | 92.7 | | 69.8 | |
| | 06/30/2014 05:31:00 | 92.6 | | 69.8 | |
| | 06/30/2014 05:41:00 | 92.5 | | 69.8 | |
| | 06/30/2014 05:51:00 | 92.6 | | 69.8 | |
| | 06/30/2014 06:01:00 | 92.6 | | 69.8 | |
| | 06/30/2014 06:11:00 | 92.2 | | 70.7 | |
| | 06/30/2014 06:21:00 | 92.9 | | 70.7 | |
| | 06/30/2014 06:31:00 | 92.4 | | 70.7 | |
| | 06/30/2014 06:41:00 | 92.2 | | 70.7 | |
| | 06/30/2014 06:51:00 | 92.7 | | 70.7 | |
| | 06/30/2014 07:01:00 | 91.0 | | 70.7 | |
| | 06/30/2014 07:11:00 | 91.5 | | 70.7 | |
| | 06/30/2014 07:21:00 | 91.7 | | 71.6 | |
| | 06/30/2014 07:31:00 | 91.3 | | 71.6 | |
| | 06/30/2014 07:41:00 | 91.2 | | 71.6 | |
| | 06/30/2014 07:51:00 | 91.3 | | 71.6 | |
| | 06/30/2014 08:01:00 | 91.0 | | 72.5 | |
| | 06/30/2014 08:11:00 | 92.1 | | 72.5 | |
| | 06/30/2014 08:21:00 | 90.8 | | 72.5 | |
| | 06/30/2014 08:31:00 | 91.2 | | 73.4 | |
| | 06/30/2014 08:41:00 | 91.1 | | 73.4 | |
| | 06/30/2014 08:51:00 | 90.6 | | 74.3 | |
| | 06/30/2014 09:01:00 | 91.5 | | 74.3 | |
| | 06/30/2014 09:11:00 | 91.9 | | 74.3 | |
| | 06/30/2014 09:21:00 | 91.8 | | 74.3 | |
| | 06/30/2014 09:31:00 | 91.8 | | 75.2 | |
| | 06/30/2014 09:41:00 | 92.7 | | 75.2 | |
| | 06/30/2014 09:51:00 | 93.1 | | 76.1 | |
| | 06/30/2014 10:01:00 | 93.0 | | 76.1 | |
| | 06/30/2014 10:11:00 | 92.6 | | 76.1 | |
| | 06/30/2014 10:21:00 | 92.5 | | 76.1 | |
| | 06/30/2014 10:31:00 | 92.6 | | 77.0 | |
| | 06/30/2014 10:41:00 | 92.7 | | 77.0 | |
| | 06/30/2014 10:51:00 | 93.1 | | 77.0 | |
| | 06/30/2014 11:01:00 | 92.8 | | 76.1 | |
| | 06/30/2014 11:11:00 | 93.1 | | 75.2 | |
| | 06/30/2014 11:21:00 | 93.0 | | 74.3 | |
| | 06/30/2014 11:31:00 | 93.0 | | 73.4 | |
| | 06/30/2014 11:41:00 | 91.9 | | 73.4 | |
| | 06/30/2014 11:51:00 | 92.0 | | 73.4 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 06/30/2014 12:01:00 | 92.7 | | 74.3 | |
| | 06/30/2014 12:11:00 | 92.7 | | 74.3 | |
| | 06/30/2014 12:21:00 | 93.0 | | 74.3 | |
| | 06/30/2014 12:31:00 | 93.2 | | 76.1 | |
| | 06/30/2014 12:41:00 | 92.9 | | 77.0 | |
| | 06/30/2014 12:51:00 | 93.2 | | 77.0 | |
| | 06/30/2014 13:01:00 | 91.8 | | 77.9 | |
| | 06/30/2014 13:11:00 | 91.0 | | 78.8 | |
| | 06/30/2014 13:21:00 | 92.6 | | 78.8 | |
| | 06/30/2014 13:31:00 | 93.7 | | 79.7 | |
| | 06/30/2014 13:41:00 | 92.6 | | 79.7 | |
| | 06/30/2014 13:51:00 | 93.4 | | 80.6 | |
| | 06/30/2014 14:01:00 | 93.1 | | 80.6 | |
| | 06/30/2014 14:11:00 | 93.6 | | 81.5 | |
| | 06/30/2014 14:21:00 | 92.7 | | 81.5 | |
| | 06/30/2014 14:31:00 | 92.5 | | 81.5 | |
| | 06/30/2014 14:41:00 | 93.8 | | 80.6 | |
| | 06/30/2014 14:51:00 | 94.1 | | 81.5 | |
| | 06/30/2014 15:01:00 | 93.7 | | 82.4 | |
| | 06/30/2014 15:11:00 | 92.9 | | 82.4 | |
| | 06/30/2014 15:21:00 | 92.9 | | 83.3 | |
| | 06/30/2014 15:31:00 | 92.7 | | 83.3 | |
| | 06/30/2014 15:41:00 | 92.4 | | 83.3 | |
| | 06/30/2014 15:51:00 | 92.4 | | 84.2 | |
| | 06/30/2014 16:01:00 | 92.9 | | 83.3 | |
| | 06/30/2014 16:11:00 | 92.0 | | 84.2 | |
| | 06/30/2014 16:21:00 | 92.0 | | 83.3 | |
| | 06/30/2014 16:31:00 | 91.9 | | 84.2 | |
| | 06/30/2014 16:41:00 | 92.2 | | 84.2 | |
| | 06/30/2014 16:51:00 | 89.4 | | 84.2 | |
| | 06/30/2014 17:01:00 | 91.9 | | 84.2 | |
| | 06/30/2014 17:11:00 | 91.6 | | 84.2 | |
| | 06/30/2014 17:21:00 | 91.4 | | 84.2 | |
| | 06/30/2014 17:31:00 | 91.6 | | 84.2 | |
| | 06/30/2014 17:41:00 | 90.9 | | 84.2 | |
| | 06/30/2014 17:51:00 | 92.9 | | 84.2 | |
| | 06/30/2014 18:01:00 | 92.2 | | 84.2 | |
| | 06/30/2014 18:11:00 | 92.4 | | 84.2 | |
| | 06/30/2014 18:21:00 | 93.1 | | 84.2 | |
| | 06/30/2014 18:31:00 | 93.8 | | 84.2 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 06/30/2014 18:41:00 | 93.1 | | 84.2 | |
| 06/30/2014 18:51:00 | 92.8 | | 84.2 | |
| 06/30/2014 19:01:00 | 93.3 | | 86.9 | |
| 06/30/2014 19:11:00 | 92.9 | | 88.7 | |
| 06/30/2014 19:21:00 | 92.9 | | 88.7 | |
| 06/30/2014 19:31:00 | 93.5 | | 88.7 | |
| 06/30/2014 19:41:00 | 93.9 | | 88.7 | |
| 06/30/2014 19:51:00 | 93.2 | | 87.8 | |
| 06/30/2014 20:01:00 | 92.9 | | 86.0 | |
| 06/30/2014 20:11:00 | 93.6 | | 84.2 | |
| 06/30/2014 20:21:00 | 92.9 | | 83.3 | |
| 06/30/2014 20:31:00 | 93.2 | | 82.4 | |
| 06/30/2014 20:41:00 | 93.2 | | 81.5 | |
| 06/30/2014 20:51:00 | 93.4 | | 80.6 | |
| 06/30/2014 21:01:00 | 93.3 | | 79.7 | |
| 06/30/2014 21:11:00 | 93.2 | | 79.7 | |
| 06/30/2014 21:21:00 | 93.6 | | 78.8 | |
| 06/30/2014 21:31:00 | 92.8 | | 77.9 | |
| 06/30/2014 21:41:00 | 92.3 | | 77.9 | |
| 06/30/2014 21:51:00 | 91.7 | | 77.9 | |
| 06/30/2014 22:01:00 | 92.0 | | 77.0 | |
| 06/30/2014 22:11:00 | 90.8 | | 77.0 | |
| 06/30/2014 22:21:00 | 91.9 | | 77.0 | |
| 06/30/2014 22:31:00 | 91.8 | | 77.0 | |
| 06/30/2014 22:41:00 | 91.9 | | 77.0 | |
| 06/30/2014 22:51:00 | 91.8 | | 77.0 | |
| 06/30/2014 23:01:00 | 92.8 | | 77.0 | |
| 06/30/2014 23:11:00 | 92.5 | | 77.0 | |
| 06/30/2014 23:21:00 | 92.2 | | 77.0 | |
| 06/30/2014 23:31:00 | 93.1 | | 77.0 | |
| 06/30/2014 23:41:00 | 92.9 | | 77.0 | |
| 06/30/2014 23:51:00 | 93.9 | | 77.0 | |
| 07/01/2014 00:01:00 | 93.2 | | 77.0 | |
| 07/01/2014 00:11:00 | 94.0 | | 77.0 | |
| 07/01/2014 00:21:00 | 93.9 | | 77.0 | |
| 07/01/2014 00:31:00 | 93.9 | | 77.0 | |
| 07/01/2014 00:41:00 | 92.7 | | 76.1 | |
| 07/01/2014 00:51:00 | 92.4 | | 77.0 | |
| 07/01/2014 01:01:00 | 92.5 | | 77.0 | |
| 07/01/2014 01:11:00 | 92.3 | | 76.1 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 07/01/2014 01:21:00 | 92.5 | | 76.1 | |
| | 07/01/2014 01:31:00 | 92.3 | | 76.1 | |
| | 07/01/2014 01:41:00 | 92.1 | | 76.1 | |
| | 07/01/2014 01:51:00 | 91.8 | | 76.1 | |
| | 07/01/2014 02:01:00 | 92.1 | | 76.1 | |
| | 07/01/2014 02:11:00 | 91.7 | | 76.1 | |
| | 07/01/2014 02:21:00 | 91.5 | | 76.1 | |
| | 07/01/2014 02:31:00 | 91.9 | | 76.1 | |
| | 07/01/2014 02:41:00 | 91.9 | | 76.1 | |
| | 07/01/2014 02:51:00 | 92.0 | | 76.1 | |
| | 07/01/2014 03:01:00 | 91.8 | | 75.2 | |
| | 07/01/2014 03:11:00 | 92.0 | | 75.2 | |
| | 07/01/2014 03:21:00 | 92.1 | | 75.2 | |
| | 07/01/2014 03:31:00 | 92.2 | | 75.2 | |
| | 07/01/2014 03:41:00 | 91.7 | | 75.2 | |
| | 07/01/2014 03:51:00 | 91.4 | | 75.2 | |
| | 07/01/2014 04:01:00 | 91.9 | | 75.2 | |
| | 07/01/2014 04:11:00 | 91.9 | | 75.2 | |
| | 07/01/2014 04:21:00 | 91.5 | | 75.2 | |
| | 07/01/2014 04:31:00 | 91.5 | | 75.2 | |
| | 07/01/2014 04:41:00 | 91.3 | | 75.2 | |
| | 07/01/2014 04:51:00 | 91.5 | | 75.2 | |
| | 07/01/2014 05:01:00 | 91.5 | | 75.2 | |
| | 07/01/2014 05:11:00 | 91.4 | | 75.2 | |
| | 07/01/2014 05:21:00 | 90.7 | | 75.2 | |
| | 07/01/2014 05:31:00 | 90.6 | | 75.2 | |
| | 07/01/2014 05:41:00 | 91.2 | | 75.2 | |
| | 07/01/2014 05:51:00 | 90.9 | | 75.2 | |
| | 07/01/2014 06:01:00 | 90.5 | | 75.2 | |
| | 07/01/2014 06:11:00 | 90.4 | | 75.2 | |
| | 07/01/2014 06:21:00 | 90.5 | | 75.2 | |
| | 07/01/2014 06:31:00 | 90.0 | | 75.2 | |
| | 07/01/2014 06:41:00 | 90.9 | | 75.2 | |
| | 07/01/2014 06:51:00 | 90.4 | | 75.2 | |
| | 07/01/2014 07:01:00 | 90.7 | | 75.2 | |
| | 07/01/2014 07:11:00 | 89.9 | | 75.2 | |
| | 07/01/2014 07:21:00 | 89.4 | | 75.2 | |
| | 07/01/2014 07:31:00 | 78.3 | | 75.2 | |
| | 07/01/2014 07:41:00 | 91.1 | | 75.2 | |
| | 07/01/2014 07:51:00 | 90.8 | | 75.2 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 07/01/2014 08:01:00 | 90.8 | | 75.2 | |
| | 07/01/2014 08:11:00 | 90.0 | | 76.1 | |
| | 07/01/2014 08:21:00 | 91.2 | | 76.1 | |
| | 07/01/2014 08:31:00 | 91.0 | | 76.1 | |
| | 07/01/2014 08:41:00 | 91.4 | | 77.0 | |
| | 07/01/2014 08:51:00 | 89.7 | | 77.0 | |
| | 07/01/2014 09:01:00 | 89.8 | | 77.0 | |
| | 07/01/2014 09:11:00 | 90.1 | | 77.0 | |
| | 07/01/2014 09:21:00 | 90.3 | | 77.0 | |
| | 07/01/2014 09:31:00 | 89.8 | | 77.0 | |
| | 07/01/2014 09:41:00 | 91.1 | | 77.0 | |
| | 07/01/2014 09:51:00 | 89.7 | | 77.0 | |
| | 07/01/2014 10:01:00 | 90.2 | | 77.9 | |
| | 07/01/2014 10:11:00 | 89.8 | | 77.9 | |
| | 07/01/2014 10:21:00 | 89.7 | | 77.9 | |
| | 07/01/2014 10:31:00 | 90.1 | | 77.9 | |
| | 07/01/2014 10:41:00 | 89.9 | | 78.8 | |
| | 07/01/2014 10:51:00 | 89.9 | | 78.8 | |
| | 07/01/2014 11:01:00 | 90.3 | | 77.9 | |
| | 07/01/2014 11:11:00 | 90.8 | | 78.8 | |
| | 07/01/2014 11:21:00 | 91.2 | | 78.8 | |
| | 07/01/2014 11:31:00 | 91.1 | | 78.8 | |
| | 07/01/2014 11:41:00 | 90.9 | | 78.8 | |
| | 07/01/2014 11:51:00 | 92.0 | | 79.7 | |
| | 07/01/2014 12:01:00 | 92.3 | | 79.7 | |
| | 07/01/2014 12:11:00 | 91.0 | | 80.6 | |
| | 07/01/2014 12:21:00 | 91.4 | | 79.7 | |
| | 07/01/2014 12:31:00 | 91.2 | | 79.7 | |
| | 07/01/2014 12:41:00 | 91.7 | | 80.6 | |
| | 07/01/2014 12:51:00 | 91.4 | | 80.6 | |
| | 07/01/2014 13:01:00 | 92.1 | | 80.6 | |
| | 07/01/2014 13:11:00 | 92.1 | | 81.5 | |
| | 07/01/2014 13:21:00 | 91.3 | | 81.5 | |
| | 07/01/2014 13:31:00 | 92.5 | | 81.5 | |
| | 07/01/2014 13:41:00 | 92.5 | | 81.5 | |
| | 07/01/2014 13:51:00 | 91.9 | | 82.4 | |
| | 07/01/2014 14:01:00 | 92.1 | | 83.3 | |
| | 07/01/2014 14:11:00 | 92.3 | | 83.3 | |
| | 07/01/2014 14:21:00 | 91.8 | | 83.3 | |
| | 07/01/2014 14:31:00 | 92.1 | | 83.3 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 07/01/2014 14:41:00 | 92.1 | | 83.3 | |
| 07/01/2014 14:51:00 | 92.2 | | 83.3 | |
| 07/01/2014 15:01:00 | 91.9 | | 83.3 | |
| 07/01/2014 15:11:00 | 92.3 | | 83.3 | |
| 07/01/2014 15:21:00 | 92.8 | | 84.2 | |
| 07/01/2014 15:31:00 | 92.9 | | 84.2 | |
| 07/01/2014 15:41:00 | 91.7 | | 84.2 | |
| 07/01/2014 15:51:00 | 93.1 | | 85.1 | |
| 07/01/2014 16:01:00 | 92.5 | | 85.1 | |
| 07/01/2014 16:11:00 | 92.4 | | 85.1 | |
| 07/01/2014 16:21:00 | 92.9 | | 85.1 | |
| 07/01/2014 16:31:00 | 90.9 | | 86.0 | |
| 07/01/2014 16:41:00 | 91.7 | | 86.0 | |
| 07/01/2014 16:51:00 | 91.1 | | 86.0 | |
| 07/01/2014 17:01:00 | 90.7 | | 86.0 | |
| 07/01/2014 17:11:00 | 91.2 | | 86.0 | |
| 07/01/2014 17:21:00 | 90.9 | | 86.0 | |
| 07/01/2014 17:31:00 | 91.0 | | 86.0 | |
| 07/01/2014 17:41:00 | 91.2 | | 86.0 | |
| 07/01/2014 17:51:00 | 90.7 | | 86.0 | |
| 07/01/2014 18:01:00 | 90.0 | | 86.0 | |
| 07/01/2014 18:11:00 | 91.0 | | 86.0 | |
| 07/01/2014 18:21:00 | 89.9 | | 86.0 | |
| 07/01/2014 18:31:00 | 91.3 | | 86.0 | |
| 07/01/2014 18:41:00 | 90.4 | | 86.0 | |
| 07/01/2014 18:51:00 | 90.7 | | 86.0 | |
| 07/01/2014 19:01:00 | 90.9 | | 87.8 | |
| 07/01/2014 19:11:00 | 92.1 | | 89.6 | |
| 07/01/2014 19:21:00 | 91.7 | | 89.6 | |
| 07/01/2014 19:31:00 | 92.2 | | 89.6 | |
| 07/01/2014 19:41:00 | 91.6 | | 88.7 | |
| 07/01/2014 19:51:00 | 92.1 | | 87.8 | |
| 07/01/2014 20:01:00 | 91.2 | | 85.1 | |
| 07/01/2014 20:11:00 | 92.1 | | 84.2 | |
| 07/01/2014 20:21:00 | 85.2 | | 82.4 | |
| 07/01/2014 20:31:00 | 92.1 | | 81.5 | |
| 07/01/2014 20:41:00 | 92.4 | | 81.5 | |
| 07/01/2014 20:51:00 | 92.4 | | 80.6 | |
| 07/01/2014 21:01:00 | 92.1 | | 79.7 | |
| 07/01/2014 21:11:00 | 92.1 | | 79.7 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 07/01/2014 21:21:00 | 92.0 | | 77.9 | |
| 07/01/2014 21:31:00 | 92.1 | | 77.0 | |
| 07/01/2014 21:41:00 | 92.8 | | 75.2 | |
| 07/01/2014 21:51:00 | 92.6 | | 73.4 | |
| 07/01/2014 22:01:00 | 92.9 | | 73.4 | |
| 07/01/2014 22:11:00 | 92.7 | | 73.4 | |
| 07/01/2014 22:21:00 | 91.4 | | 72.5 | |
| 07/01/2014 22:31:00 | 92.1 | | 71.6 | |
| 07/01/2014 22:41:00 | 92.6 | | 71.6 | |
| 07/01/2014 22:51:00 | 92.3 | | 71.6 | |
| 07/01/2014 23:01:00 | 92.5 | | 71.6 | |
| 07/01/2014 23:11:00 | 92.8 | | 71.6 | |
| 07/01/2014 23:21:00 | 92.8 | | 71.6 | |
| 07/01/2014 23:31:00 | 92.6 | | 71.6 | |
| 07/01/2014 23:41:00 | 93.0 | | 70.7 | |
| 07/01/2014 23:51:00 | 92.9 | | 70.7 | |
| 07/02/2014 00:01:00 | 93.1 | | 70.7 | |
| 07/02/2014 00:11:00 | 92.7 | | 70.7 | |
| 07/02/2014 00:21:00 | 93.0 | | 70.7 | |
| 07/02/2014 00:31:00 | 93.4 | | 70.7 | |
| 07/02/2014 00:41:00 | 93.3 | | 70.7 | |
| 07/02/2014 00:51:00 | 93.5 | | 70.7 | |
| 07/02/2014 01:01:00 | 93.2 | | 70.7 | |
| 07/02/2014 01:11:00 | 93.3 | | 69.8 | |
| 07/02/2014 01:21:00 | 93.3 | | 69.8 | |
| 07/02/2014 01:31:00 | 93.5 | | 69.8 | |
| 07/02/2014 01:41:00 | 92.8 | | 69.8 | |
| 07/02/2014 01:51:00 | 93.5 | | 69.8 | |
| 07/02/2014 02:01:00 | 92.9 | | 69.8 | |
| 07/02/2014 02:11:00 | 93.3 | | 69.8 | |
| 07/02/2014 02:21:00 | 93.7 | | 69.8 | |
| 07/02/2014 02:31:00 | 93.7 | | 69.8 | |
| 07/02/2014 02:41:00 | 92.0 | | 69.8 | |
| 07/02/2014 02:51:00 | 92.1 | | 68.9 | |
| 07/02/2014 03:01:00 | 92.3 | | 68.9 | |
| 07/02/2014 03:11:00 | 92.1 | | 69.8 | |
| 07/02/2014 03:21:00 | 91.9 | | 68.9 | |
| 07/02/2014 03:31:00 | 92.3 | | 68.9 | |
| 07/02/2014 03:41:00 | 91.6 | | 68.9 | |
| 07/02/2014 03:51:00 | 91.6 | | 68.9 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 07/02/2014 04:01:00 | 91.5 | | 68.9 | |
| | 07/02/2014 04:11:00 | 91.5 | | 68.9 | |
| | 07/02/2014 04:21:00 | 91.6 | | 68.9 | |
| | 07/02/2014 04:31:00 | 91.2 | | 68.9 | |
| | 07/02/2014 04:41:00 | 91.6 | | 68.9 | |
| | 07/02/2014 04:51:00 | 91.4 | | 68.9 | |
| | 07/02/2014 05:01:00 | 91.2 | | 68.9 | |
| | 07/02/2014 05:11:00 | 91.5 | | 68.9 | |
| | 07/02/2014 05:21:00 | 91.1 | | 68.9 | |
| | 07/02/2014 05:31:00 | 90.5 | | 68.9 | |
| | 07/02/2014 05:41:00 | 91.7 | | 69.8 | |
| | 07/02/2014 05:51:00 | 90.9 | | 69.8 | |
| | 07/02/2014 06:01:00 | 90.8 | | 68.9 | |
| | 07/02/2014 06:11:00 | 90.7 | | 68.9 | |
| | 07/02/2014 06:21:00 | 90.6 | | 68.9 | |
| | 07/02/2014 06:31:00 | 90.5 | | 68.9 | |
| | 07/02/2014 06:41:00 | 90.8 | | 68.9 | |
| | 07/02/2014 06:51:00 | 90.4 | | 68.9 | |
| | 07/02/2014 07:01:00 | 78.0 | | 68.9 | |
| | 07/02/2014 07:11:00 | 89.8 | | 68.9 | |
| | 07/02/2014 07:21:00 | 78.0 | | 68.9 | |
| | 07/02/2014 07:31:00 | 89.5 | | 68.9 | |
| | 07/02/2014 07:41:00 | 90.7 | | 69.8 | |
| | 07/02/2014 07:51:00 | 91.2 | | 69.8 | |
| | 07/02/2014 08:01:00 | 90.1 | | 69.8 | |
| | 07/02/2014 08:11:00 | 91.6 | | 69.8 | |
| | 07/02/2014 08:21:00 | 91.3 | | 69.8 | |
| | 07/02/2014 08:31:00 | 91.2 | | 69.8 | |
| | 07/02/2014 08:41:00 | 91.0 | | 69.8 | |
| | 07/02/2014 08:51:00 | 91.4 | | 70.7 | |
| | 07/02/2014 09:01:00 | 90.8 | | 70.7 | |
| | 07/02/2014 09:11:00 | 91.2 | | 71.6 | |
| | 07/02/2014 09:21:00 | 91.2 | | 71.6 | |
| | 07/02/2014 09:31:00 | 91.7 | | 71.6 | |
| | 07/02/2014 09:41:00 | 91.6 | | 71.6 | |
| | 07/02/2014 09:51:00 | 91.1 | | 72.5 | |
| | 07/02/2014 10:01:00 | 91.8 | | 72.5 | |
| | 07/02/2014 10:11:00 | 91.4 | | 72.5 | |
| | 07/02/2014 10:21:00 | 91.7 | | 73.4 | |
| | 07/02/2014 10:31:00 | 91.8 | | 73.4 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 07/02/2014 10:41:00 | 92.0 | | 74.3 | |
| 07/02/2014 10:51:00 | 91.4 | | 74.3 | |
| 07/02/2014 11:01:00 | 89.7 | | 74.3 | |
| 07/02/2014 11:11:00 | 90.7 | | 74.3 | |
| 07/02/2014 11:21:00 | 90.1 | | 75.2 | |
| 07/02/2014 11:31:00 | 89.7 | | 75.2 | |
| 07/02/2014 11:41:00 | 89.9 | | 75.2 | |
| 07/02/2014 11:51:00 | 90.4 | | 75.2 | |
| 07/02/2014 12:01:00 | 90.1 | | 75.2 | |
| 07/02/2014 12:11:00 | 90.2 | | 76.1 | |
| 07/02/2014 12:21:00 | 89.9 | | 75.2 | |
| 07/02/2014 12:31:00 | 90.5 | | 76.1 | |
| 07/02/2014 12:41:00 | 89.0 | | 76.1 | |
| 07/02/2014 12:51:00 | 90.3 | | 76.1 | |
| 07/02/2014 13:01:00 | 90.3 | | 76.1 | |
| 07/02/2014 13:11:00 | 89.4 | | 77.0 | |
| 07/02/2014 13:21:00 | 91.1 | | 77.0 | |
| 07/02/2014 13:31:00 | 91.9 | | 77.0 | |
| 07/02/2014 13:41:00 | 91.7 | | 77.0 | |
| 07/02/2014 13:51:00 | 91.8 | | 77.0 | |
| 07/02/2014 14:01:00 | 91.9 | | 77.0 | |
| 07/02/2014 14:11:00 | 90.4 | | 77.0 | |
| 07/02/2014 14:21:00 | 91.9 | | 77.0 | |
| 07/02/2014 14:31:00 | 92.0 | | 77.0 | |
| 07/02/2014 14:41:00 | 92.3 | | 77.0 | |
| 07/02/2014 14:51:00 | 91.5 | | 77.9 | |
| 07/02/2014 15:01:00 | 92.0 | | 77.0 | |
| 07/02/2014 15:11:00 | 92.1 | | 77.9 | |
| 07/02/2014 15:21:00 | 91.7 | | 77.9 | |
| 07/02/2014 15:31:00 | 91.7 | | 77.9 | |
| 07/02/2014 15:41:00 | 92.1 | | 77.9 | |
| 07/02/2014 15:51:00 | 91.8 | | 77.9 | |
| 07/02/2014 16:01:00 | 91.9 | | 77.9 | |
| 07/02/2014 16:11:00 | 92.2 | | 78.8 | |
| 07/02/2014 16:21:00 | 91.9 | | 78.8 | |
| 07/02/2014 16:31:00 | 92.7 | | 78.8 | |
| 07/02/2014 16:41:00 | 92.3 | | 79.7 | |
| 07/02/2014 16:51:00 | 92.7 | | 79.7 | |
| 07/02/2014 17:01:00 | 93.1 | | 79.7 | |
| 07/02/2014 17:11:00 | 92.4 | | 79.7 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 07/02/2014 17:21:00 | 91.8 | | 79.7 | |
| 07/02/2014 17:31:00 | 92.0 | | 79.7 | |
| 07/02/2014 17:41:00 | 92.1 | | 78.8 | |
| 07/02/2014 17:51:00 | 92.3 | | 78.8 | |
| 07/02/2014 18:01:00 | 92.3 | | 78.8 | |
| 07/02/2014 18:11:00 | 91.8 | | 77.9 | |
| 07/02/2014 18:21:00 | 90.7 | | 77.9 | |
| 07/02/2014 18:31:00 | 90.1 | | 77.9 | |
| 07/02/2014 18:41:00 | 91.3 | | 77.0 | |
| 07/02/2014 18:51:00 | 90.7 | | 76.1 | |
| 07/02/2014 19:01:00 | 91.0 | | 76.1 | |
| 07/02/2014 19:11:00 | 91.5 | | 75.2 | |
| 07/02/2014 19:21:00 | 90.8 | | 76.1 | |
| 07/02/2014 19:31:00 | 90.9 | | 77.0 | |
| 07/02/2014 19:41:00 | 90.6 | | 76.1 | |
| 07/02/2014 19:51:00 | 91.1 | | 76.1 | |
| 07/02/2014 20:01:00 | 90.4 | | 75.2 | |
| 07/02/2014 20:11:00 | 91.1 | | 74.3 | |
| 07/02/2014 20:21:00 | 90.5 | | 74.3 | |
| 07/02/2014 20:31:00 | 90.8 | | 73.4 | |
| 07/02/2014 20:41:00 | 86.4 | | 73.4 | |
| 07/02/2014 20:51:00 | 91.9 | | 73.4 | |
| 07/02/2014 21:01:00 | 91.7 | | 73.4 | |
| 07/02/2014 21:11:00 | 91.5 | | 73.4 | |
| 07/02/2014 21:21:00 | 91.9 | | 72.5 | |
| 07/02/2014 21:31:00 | 91.4 | | 72.5 | |
| 07/02/2014 21:41:00 | 92.3 | | 72.5 | |
| 07/02/2014 21:51:00 | 91.9 | | 72.5 | |
| 07/02/2014 22:01:00 | 92.1 | | 72.5 | |
| 07/02/2014 22:11:00 | 92.3 | | 72.5 | |
| 07/02/2014 22:21:00 | 91.9 | | 71.6 | |
| 07/02/2014 22:31:00 | 91.7 | | 71.6 | |
| 07/02/2014 22:41:00 | 92.0 | | 71.6 | |
| 07/02/2014 22:51:00 | 92.4 | | 71.6 | |
| 07/02/2014 23:01:00 | 91.9 | | 71.6 | |
| 07/02/2014 23:11:00 | 93.2 | | 71.6 | |
| 07/02/2014 23:21:00 | 92.0 | | 70.7 | |
| 07/02/2014 23:31:00 | 92.8 | | 70.7 | |
| 07/02/2014 23:41:00 | 92.5 | | 70.7 | |
| 07/02/2014 23:51:00 | 92.8 | | 70.7 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

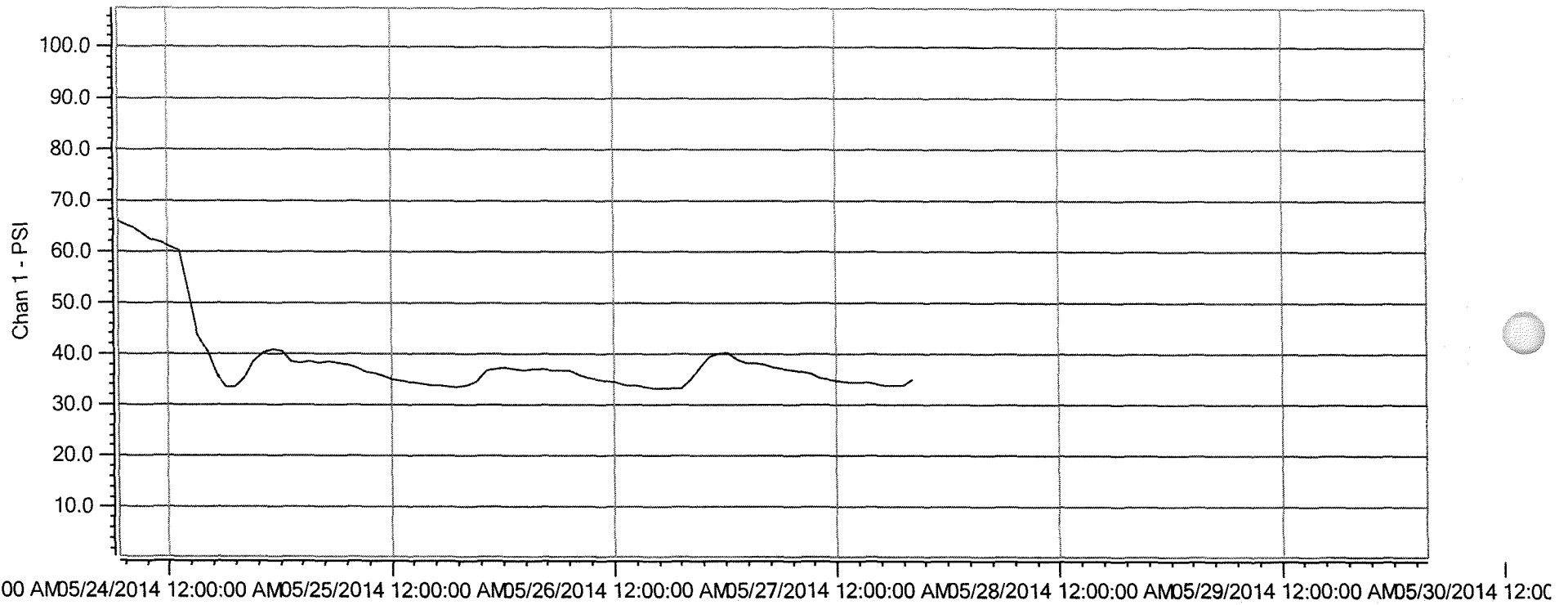
| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 07/03/2014 00:01:00 | 92.8 | | 70.7 | |
| 07/03/2014 00:11:00 | 93.0 | | 70.7 | |
| 07/03/2014 00:21:00 | 93.2 | | 70.7 | |
| 07/03/2014 00:31:00 | 92.7 | | 69.8 | |
| 07/03/2014 00:41:00 | 93.0 | | 69.8 | |
| 07/03/2014 00:51:00 | 93.1 | | 69.8 | |
| 07/03/2014 01:01:00 | 93.2 | | 68.9 | |
| 07/03/2014 01:11:00 | 93.3 | | 68.9 | |
| 07/03/2014 01:21:00 | 93.0 | | 68.0 | |
| 07/03/2014 01:31:00 | 93.4 | | 68.0 | |
| 07/03/2014 01:41:00 | 93.5 | | 68.0 | |
| 07/03/2014 01:51:00 | 93.8 | | 68.0 | |
| 07/03/2014 02:01:00 | 94.1 | | 67.1 | |
| 07/03/2014 02:11:00 | 92.4 | | 67.1 | |
| 07/03/2014 02:21:00 | 92.2 | | 67.1 | |
| 07/03/2014 02:31:00 | 92.1 | | 67.1 | |
| 07/03/2014 02:41:00 | 92.2 | | 67.1 | |
| 07/03/2014 02:51:00 | 92.1 | | 67.1 | |
| 07/03/2014 03:01:00 | 92.1 | | 67.1 | |
| 07/03/2014 03:11:00 | 92.0 | | 67.1 | |
| 07/03/2014 03:21:00 | 92.1 | | 67.1 | |
| 07/03/2014 03:31:00 | 91.9 | | 66.2 | |
| 07/03/2014 03:41:00 | 91.7 | | 66.2 | |
| 07/03/2014 03:51:00 | 91.9 | | 66.2 | |
| 07/03/2014 04:01:00 | 92.1 | | 66.2 | |
| 07/03/2014 04:11:00 | 91.5 | | 66.2 | |
| 07/03/2014 04:21:00 | 91.7 | | 65.3 | |
| 07/03/2014 04:31:00 | 91.8 | | 65.3 | |
| 07/03/2014 04:41:00 | 91.8 | | 65.3 | |
| 07/03/2014 04:51:00 | 92.0 | | 65.3 | |
| 07/03/2014 05:01:00 | 91.4 | | 64.4 | |
| 07/03/2014 05:11:00 | 91.2 | | 64.4 | |
| 07/03/2014 05:21:00 | 91.0 | | 64.4 | |
| 07/03/2014 05:31:00 | 91.7 | | 64.4 | |
| 07/03/2014 05:41:00 | 91.5 | | 64.4 | |
| 07/03/2014 05:51:00 | 91.3 | | 64.4 | |
| 07/03/2014 06:01:00 | 92.1 | | 64.4 | |
| 07/03/2014 06:11:00 | 84.7 | | 64.4 | |
| 07/03/2014 06:21:00 | 91.0 | | 64.4 | |
| 07/03/2014 06:31:00 | 90.5 | | 63.5 | |

Data Table - 66 Iron Drive

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 76.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 07/03/2014 06:41:00 | 90.3 | | 63.5 | |
| 07/03/2014 06:51:00 | 89.9 | | 63.5 | |
| 07/03/2014 07:01:00 | 89.9 | | 63.5 | |
| 07/03/2014 07:11:00 | 89.2 | | 63.5 | |
| 07/03/2014 07:21:00 | 89.6 | | 63.5 | |
| 07/03/2014 07:31:00 | 89.6 | | 63.5 | |
| 07/03/2014 07:41:00 | 90.7 | | 63.5 | |
| 07/03/2014 07:51:00 | 89.3 | | 63.5 | |
| 07/03/2014 08:01:00 | 89.6 | | 63.5 | |
| 07/03/2014 08:11:00 | 89.7 | | 63.5 | |
| 07/03/2014 08:21:00 | 90.8 | | 64.4 | |
| 07/03/2014 08:31:00 | 90.1 | | 64.4 | |
| 07/03/2014 08:41:00 | 90.9 | | 64.4 | |
| 07/03/2014 08:51:00 | 90.1 | | 64.4 | |
| 07/03/2014 09:01:00 | 90.8 | | 64.4 | |
| 07/03/2014 09:11:00 | 90.9 | | 64.4 | |
| 07/03/2014 09:21:00 | 91.3 | | 64.4 | |
| 07/03/2014 09:31:00 | 90.6 | | 64.4 | |
| 07/03/2014 09:41:00 | 91.1 | | 64.4 | |
| 07/03/2014 09:51:00 | 90.3 | | 65.3 | |
| 07/03/2014 10:01:00 | 90.3 | | 65.3 | |
| 07/03/2014 10:11:00 | 91.2 | | 66.2 | |
| 07/03/2014 10:21:00 | 91.4 | | 66.2 | |
| 07/03/2014 10:31:00 | 90.8 | | 66.2 | |
| 07/03/2014 10:41:00 | 90.4 | | 66.2 | |
| 07/03/2014 10:51:00 | 91.9 | | 67.1 | |
| 07/03/2014 11:01:00 | -0.6 | | 69.8 | |
| 07/03/2014 11:11:00 | -0.4 | | 73.4 | |
| 07/03/2014 11:21:00 | -0.5 | | 77.0 | |
| 07/03/2014 11:31:00 | -0.4 | | 79.7 | |
| 07/03/2014 11:41:00 | -0.3 | | 79.7 | |
| 07/03/2014 11:51:00 | -0.4 | | 79.7 | |
| 07/03/2014 12:01:00 | -0.3 | | 79.7 | |
| 07/03/2014 12:11:00 | -0.3 | | 79.7 | |
| 07/03/2014 12:21:00 | -0.3 | | 79.7 | |
| 07/03/2014 12:31:00 | -0.3 | | 79.7 | |
| 07/03/2014 12:41:00 | -0.3 | | 80.6 | |
| 07/03/2014 12:51:00 | -0.4 | | 79.7 | |

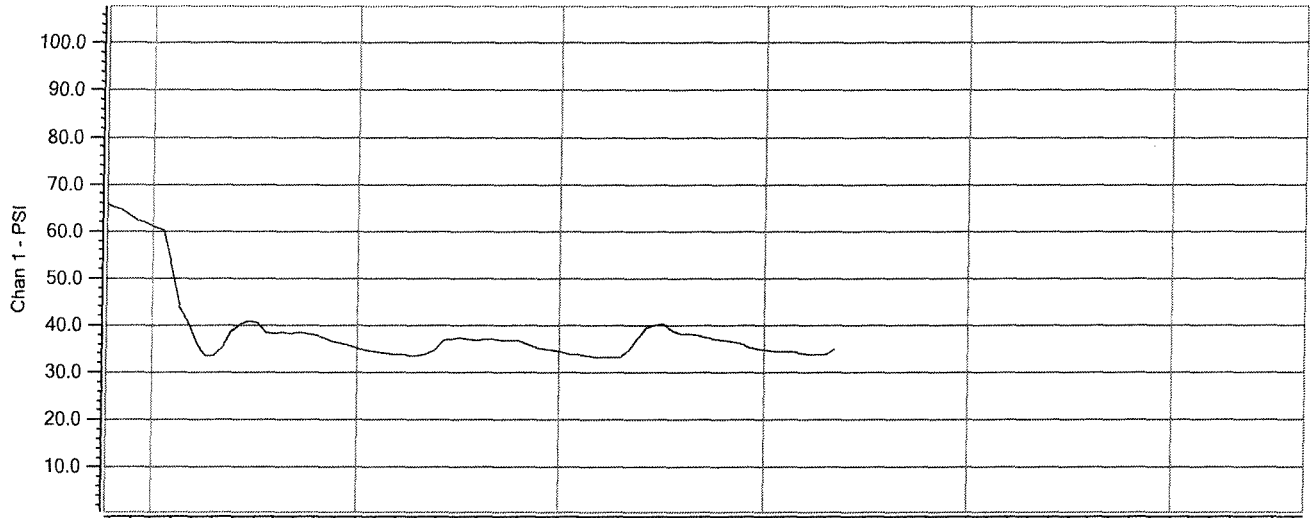


Data Date: 05/23/2014 18:35:40

Unit Tag: 105 North Danbrook

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI



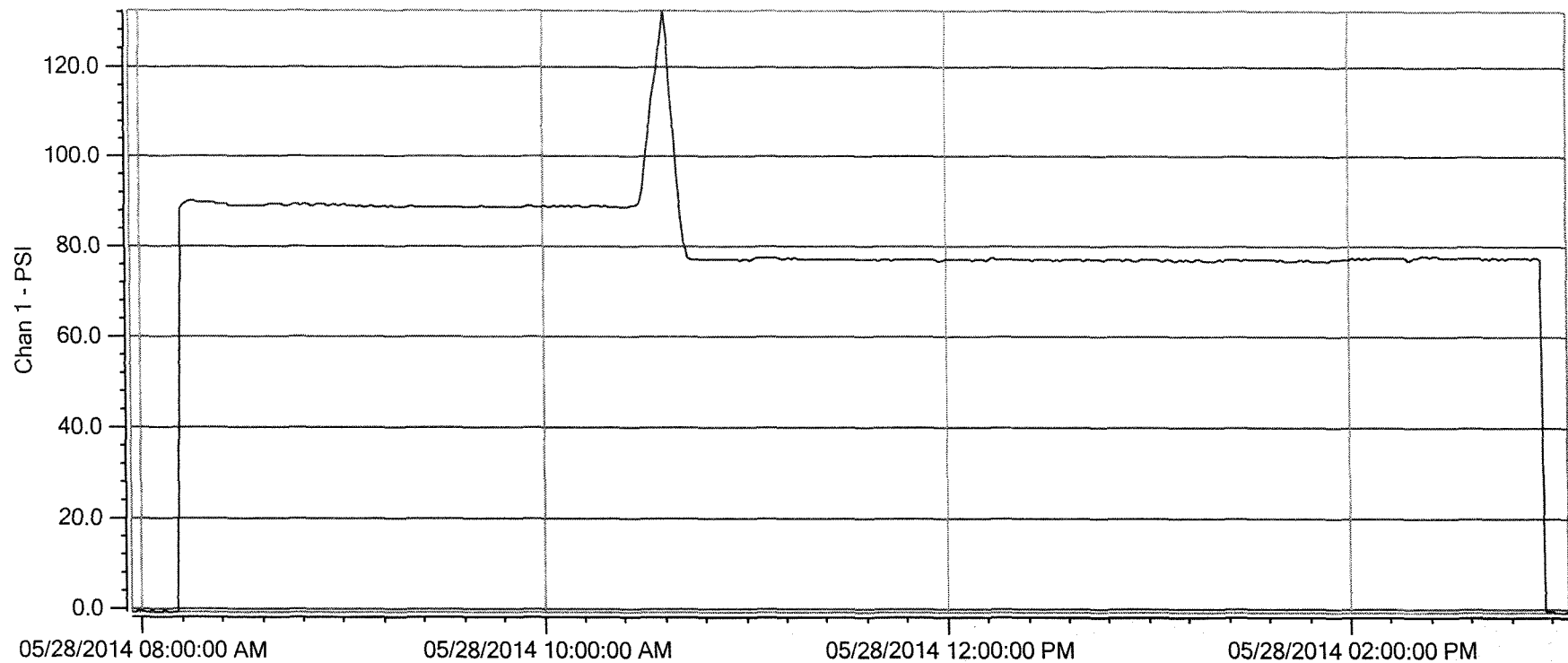
:00 AM05/24/2014 12:00:00 AM05/25/2014 12:00:00 AM05/26/2014 12:00:00 AM05/27/2014 12:00:00 AM05/28/2014 12:00:00 AM05/29/2014 12:00:00 AM05/30/2014 12:00:00

Data Date: 05/23/2014 18:35:40

Unit Tag: 105 North Danbrook

File:

Serial Number: 340196700 Gauge Pressure Atmos. = 14.79385000 PSI



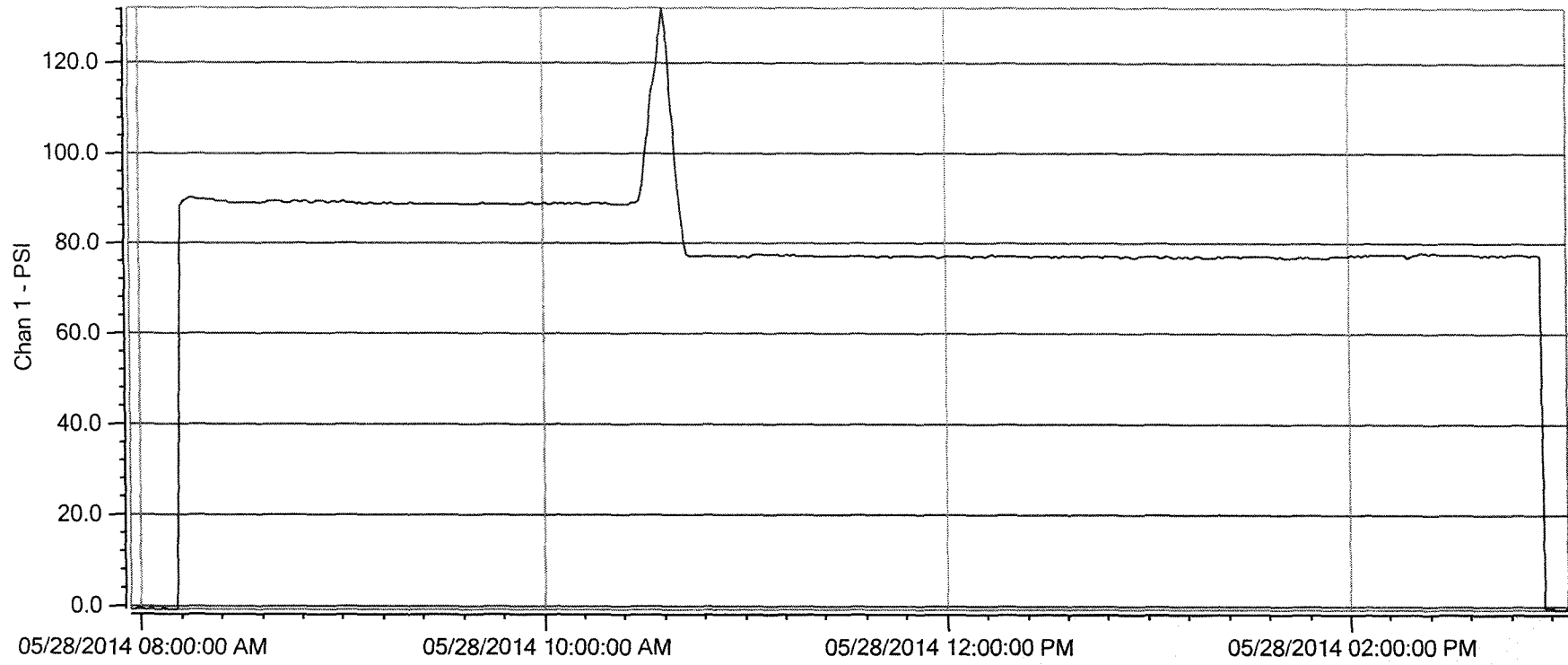
Data Date: 05/28/2014 07:56:54

Unit Tag: 105 North Danbrook

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI

05/28/2

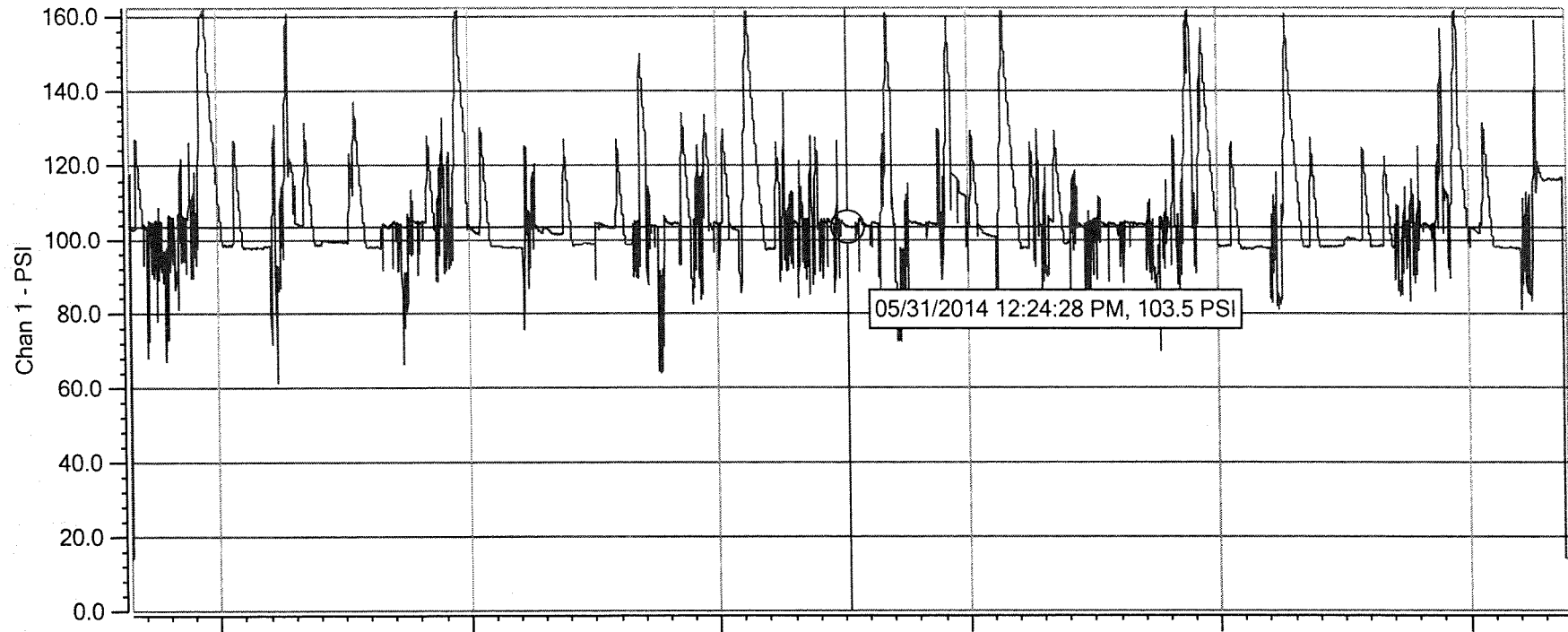


Data Date: 05/28/2014 07:56:54

Unit Tag: Pressure Logger

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI



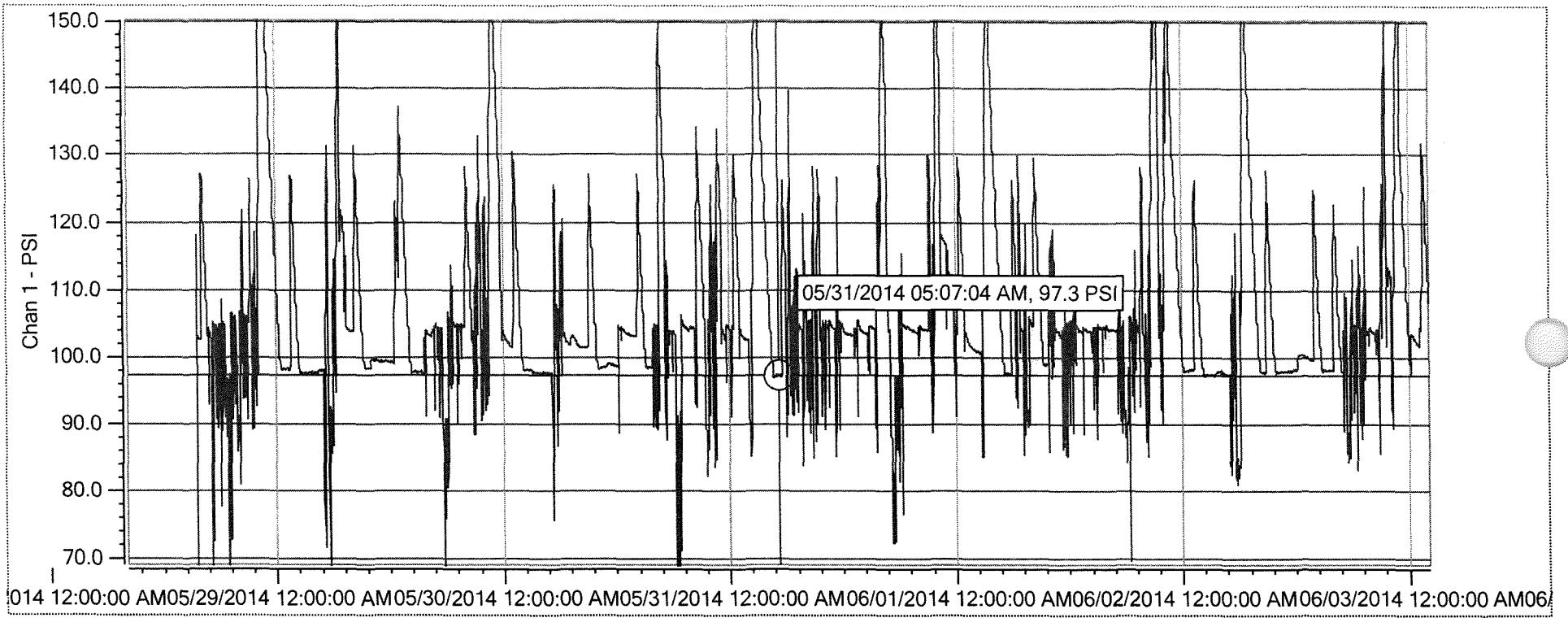
00:00 AM05/29/2014 12:00:00 AM05/30/2014 12:00:00 AM05/31/2014 12:00:00 AM06/01/2014 12:00:00 AM06/02/2014 12:00:00 AM06/03/2014 12:00:00 AM06/04/2014

Data Date: 05/28/2014 15:23:28

Unit Tag: 105 North Danbrook

File:

Serial Number: 3401967 Absolute Pressure



Data Date: 05/28/2014 08:06:04

Unit Tag: 105 North Danbrook

File:

Serial Number: 3401967 Absolute Pressure

Data Table - 105 North Danbrook

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 81.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Chan 2 - Deg F | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|----------------|----------------|-------|
| 05/28/2014 15:23:28 | 14.2 | | 82.4 | |
| 05/28/2014 15:24:28 | 14.2 | | 83.3 | |
| 05/28/2014 15:25:28 | 14.3 | | 84.2 | |
| 05/28/2014 15:26:28 | 14.3 | | 84.2 | |
| 05/28/2014 15:27:28 | 14.3 | | 85.1 | |
| 05/28/2014 15:28:28 | 14.2 | | 85.1 | |
| 05/28/2014 15:29:28 | 14.3 | | 85.1 | |
| 05/28/2014 15:30:28 | 14.3 | | 85.1 | |
| 05/28/2014 15:31:28 | 118.1 | | 86.0 | |
| 05/28/2014 15:32:28 | 118.0 | | 86.0 | |
| 05/28/2014 15:33:28 | 117.8 | | 86.9 | |
| 05/28/2014 15:34:28 | 117.7 | | 86.9 | |
| 05/28/2014 15:35:28 | 117.2 | | 86.9 | |
| 05/28/2014 15:36:28 | 103.1 | | 86.9 | |
| 05/28/2014 15:37:28 | 102.9 | | 86.9 | |
| 05/28/2014 15:38:28 | 103.1 | | 86.0 | |
| 05/28/2014 15:39:28 | 102.9 | | 86.9 | |
| 05/28/2014 15:40:28 | 102.8 | | 86.9 | |
| 05/28/2014 15:41:28 | 103.0 | | 86.0 | |
| 05/28/2014 15:42:28 | 102.7 | | 86.0 | |
| 05/28/2014 15:43:28 | 102.8 | | 86.0 | |
| 05/28/2014 15:44:28 | 102.7 | | 86.0 | |
| 05/28/2014 15:45:28 | 102.8 | | 86.0 | |
| 05/28/2014 15:46:28 | 102.6 | | 86.9 | |
| 05/28/2014 15:47:28 | 102.6 | | 86.9 | |
| 05/28/2014 15:48:28 | 102.8 | | 86.9 | |
| 05/28/2014 15:49:28 | 102.8 | | 86.9 | |
| 05/28/2014 15:50:28 | 102.7 | | 86.9 | |
| 05/28/2014 15:51:28 | 102.8 | | 86.9 | |
| 05/28/2014 15:52:28 | 102.7 | | 86.9 | |
| 05/28/2014 15:53:28 | 102.6 | | 86.9 | |
| 05/28/2014 15:54:28 | 102.8 | | 86.9 | |
| 05/28/2014 15:55:28 | 102.8 | | 86.9 | |
| 05/28/2014 15:56:28 | 102.5 | | 86.9 | |

Data Table - 105 North Danbrook

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 81.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Chan 2 - Deg F | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|----------------|----------------|-------|
| 05/28/2014 15:57:28 | 102.7 | | 86.9 | |
| 05/28/2014 15:58:28 | 105.5 | | 87.8 | |
| 05/28/2014 15:59:28 | 108.6 | | 86.9 | |
| 05/28/2014 16:00:28 | 111.7 | | 86.9 | |
| 05/28/2014 16:01:28 | 115.2 | | 86.9 | |
| 05/28/2014 16:02:28 | 118.1 | | 86.9 | |
| 05/28/2014 16:03:28 | 121.2 | | 86.9 | |
| 05/28/2014 16:04:28 | 124.4 | | 86.9 | |
| 05/28/2014 16:05:28 | 127.1 | | 86.9 | |
| 05/28/2014 16:06:28 | 126.5 | | 86.9 | |
| 05/28/2014 16:07:28 | 125.5 | | 86.9 | |
| 05/28/2014 16:08:28 | 125.0 | | 86.9 | |
| 05/28/2014 16:09:28 | 124.2 | | 86.9 | |
| 05/28/2014 16:10:28 | 123.4 | | 86.9 | |
| 05/28/2014 16:11:28 | 122.8 | | 86.9 | |
| 05/28/2014 16:12:28 | 122.0 | | 86.9 | |
| 05/28/2014 16:13:28 | 121.3 | | 86.0 | |
| 05/28/2014 16:14:28 | 120.7 | | 86.0 | |
| 05/28/2014 16:15:28 | 120.0 | | 86.0 | |
| 05/28/2014 16:16:28 | 119.4 | | 85.1 | |
| 05/28/2014 16:17:28 | 118.9 | | 85.1 | |
| 05/28/2014 16:18:28 | 118.1 | | 85.1 | |
| 05/28/2014 16:19:28 | 117.5 | | 85.1 | |
| 05/28/2014 16:20:28 | 116.9 | | 85.1 | |
| 05/28/2014 16:21:28 | 116.1 | | 85.1 | |
| 05/28/2014 16:22:28 | 115.4 | | 85.1 | |
| 05/28/2014 16:23:28 | 115.0 | | 84.2 | |
| 05/28/2014 16:24:28 | 114.2 | | 84.2 | |
| 05/28/2014 16:25:28 | 113.7 | | 84.2 | |
| 05/28/2014 16:26:28 | 113.1 | | 84.2 | |
| 05/28/2014 16:27:28 | 112.5 | | 84.2 | |
| 05/28/2014 16:28:28 | 112.0 | | 84.2 | |
| 05/28/2014 16:29:28 | 111.3 | | 84.2 | |
| 05/28/2014 16:30:28 | 110.8 | | 84.2 | |
| 05/28/2014 16:31:28 | 110.1 | | 84.2 | |
| 05/28/2014 16:32:28 | 109.6 | | 84.2 | |
| 05/28/2014 16:33:28 | 109.0 | | 83.3 | |
| 05/28/2014 16:34:28 | 108.5 | | 83.3 | |
| 05/28/2014 16:35:28 | 107.8 | | 83.3 | |
| 05/28/2014 16:36:28 | 107.1 | | 83.3 | |

Data Table - 105 North Danbrook

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 81.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Chan 2 - Deg F | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|----------------|----------------|-------|
| 05/28/2014 16:37:28 | 106.7 | | 83.3 | |
| 05/28/2014 16:38:28 | 106.2 | | 83.3 | |
| 05/28/2014 16:39:28 | 105.6 | | 83.3 | |
| 05/28/2014 16:40:28 | 105.1 | | 83.3 | |
| 05/28/2014 16:41:28 | 104.6 | | 83.3 | |
| 05/28/2014 16:42:28 | 104.0 | | 83.3 | |
| 05/28/2014 16:43:28 | 103.3 | | 83.3 | |
| 05/28/2014 16:44:28 | 102.9 | | 83.3 | |
| 05/28/2014 16:45:28 | 102.4 | | 83.3 | |
| 05/28/2014 16:46:28 | 101.8 | | 83.3 | |
| 05/28/2014 16:47:28 | 92.8 | | 83.3 | |
| 05/28/2014 16:48:28 | 102.3 | | 83.3 | |
| 05/28/2014 16:49:28 | 103.8 | | 83.3 | |
| 05/28/2014 16:50:28 | 103.9 | | 83.3 | |
| 05/28/2014 16:51:28 | 104.4 | | 83.3 | |
| 05/28/2014 16:52:28 | 104.0 | | 83.3 | |
| 05/28/2014 16:53:28 | 103.7 | | 83.3 | |
| 05/28/2014 16:54:28 | 103.6 | | 83.3 | |
| 05/28/2014 16:55:28 | 103.5 | | 83.3 | |
| 05/28/2014 16:56:28 | 103.5 | | 83.3 | |
| 05/28/2014 16:57:28 | 103.2 | | 84.2 | |
| 05/28/2014 16:58:28 | 103.3 | | 84.2 | |
| 05/28/2014 16:59:28 | 103.2 | | 84.2 | |
| 05/28/2014 17:00:28 | 103.2 | | 84.2 | |
| 05/28/2014 17:01:28 | 103.2 | | 84.2 | |
| 05/28/2014 17:02:28 | 102.8 | | 84.2 | |
| 05/28/2014 17:03:28 | 102.8 | | 84.2 | |
| 05/28/2014 17:04:28 | 102.9 | | 84.2 | |
| 05/28/2014 17:05:28 | 83.4 | | 84.2 | |
| 05/28/2014 17:06:28 | 70.5 | | 84.2 | |
| 05/28/2014 17:07:28 | 69.8 | | 84.2 | |
| 05/28/2014 17:08:28 | 68.8 | | 84.2 | |
| 05/28/2014 17:09:28 | 67.8 | | 84.2 | |
| 05/28/2014 17:10:28 | 82.3 | | 84.2 | |
| 05/28/2014 17:11:28 | 77.6 | | 84.2 | |
| 05/28/2014 17:12:28 | 73.2 | | 84.2 | |
| 05/28/2014 17:13:28 | 74.8 | | 84.2 | |
| 05/28/2014 17:14:28 | 72.5 | | 84.2 | |
| 05/28/2014 17:15:28 | 72.5 | | 84.2 | |
| 05/28/2014 17:16:28 | 104.6 | | 84.2 | |

Data Table - 105 North Danbrook

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 81.1

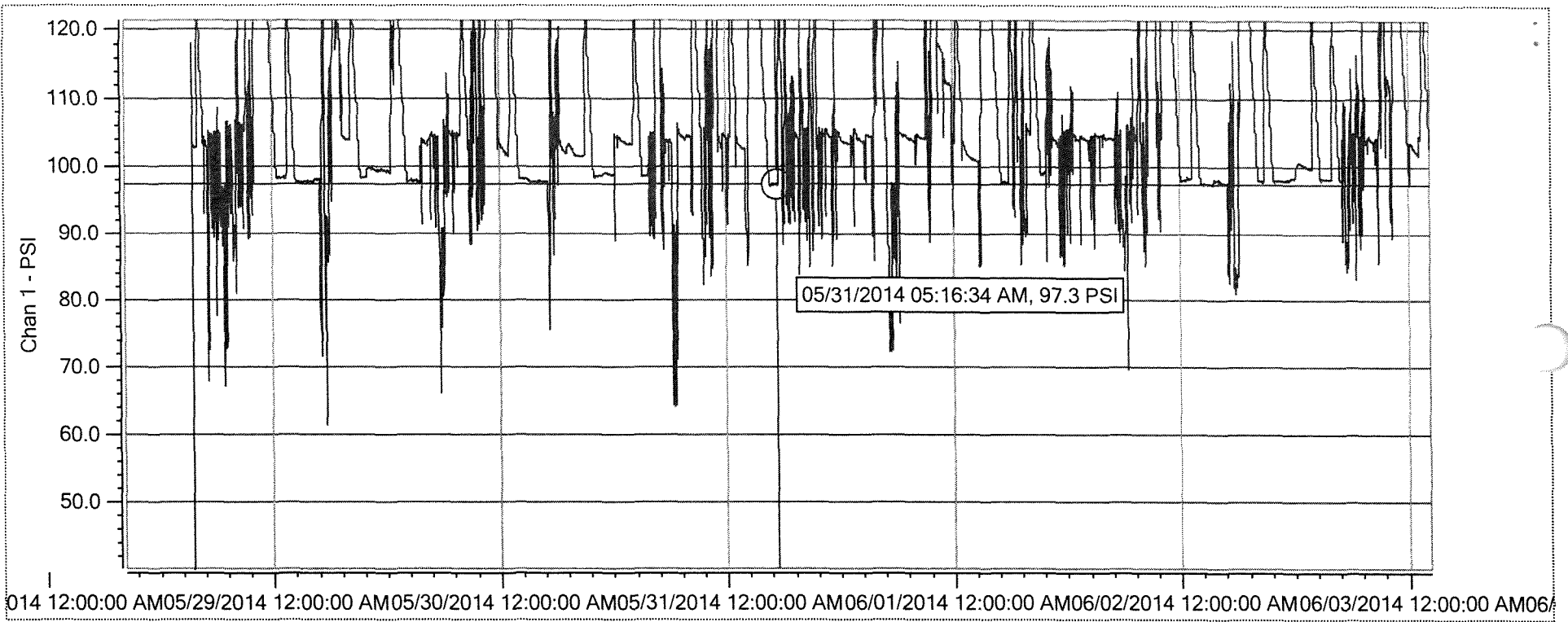
| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Chan 2 - Deg F | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|----------------|----------------|-------|
| 05/28/2014 17:17:28 | 105.2 | | 84.2 | |
| 05/28/2014 17:18:28 | 103.4 | | 84.2 | |
| 05/28/2014 17:19:28 | 104.8 | | 84.2 | |
| 05/28/2014 17:20:28 | 104.6 | | 84.2 | |
| 05/28/2014 17:21:28 | 104.9 | | 84.2 | |
| 05/28/2014 17:22:28 | 104.8 | | 84.2 | |
| 05/28/2014 17:23:28 | 102.3 | | 84.2 | |
| 05/28/2014 17:24:28 | 104.1 | | 84.2 | |
| 05/28/2014 17:25:28 | 104.4 | | 84.2 | |
| 05/28/2014 17:26:28 | 104.2 | | 84.2 | |
| 05/28/2014 17:27:28 | 104.3 | | 84.2 | |
| 05/28/2014 17:28:28 | 104.3 | | 84.2 | |
| 05/28/2014 17:29:28 | 104.4 | | 84.2 | |
| 05/28/2014 17:30:28 | 103.2 | | 84.2 | |
| 05/28/2014 17:31:28 | 104.5 | | 84.2 | |
| 05/28/2014 17:32:28 | 90.6 | | 84.2 | |
| 05/28/2014 17:33:28 | 103.8 | | 85.1 | |
| 05/28/2014 17:34:28 | 104.3 | | 85.1 | |
| 05/28/2014 17:35:28 | 104.7 | | 84.2 | |
| 05/28/2014 17:36:28 | 104.5 | | 84.2 | |
| 05/28/2014 17:37:28 | 104.5 | | 84.2 | |
| 05/28/2014 17:38:28 | 104.5 | | 84.2 | |
| 05/28/2014 17:39:28 | 104.5 | | 84.2 | |
| 05/28/2014 17:40:28 | 104.4 | | 84.2 | |
| 05/28/2014 17:41:28 | 104.3 | | 85.1 | |
| 05/28/2014 17:42:28 | 104.2 | | 85.1 | |
| 05/28/2014 17:43:28 | 104.3 | | 85.1 | |
| 05/28/2014 17:44:28 | 104.1 | | 85.1 | |
| 05/28/2014 17:45:28 | 104.3 | | 85.1 | |
| 05/28/2014 17:46:28 | 104.0 | | 85.1 | |
| 05/28/2014 17:47:28 | 104.1 | | 85.1 | |
| 05/28/2014 17:48:28 | 103.9 | | 85.1 | |
| 05/28/2014 17:49:28 | 101.1 | | 85.1 | |
| 05/28/2014 17:50:28 | 89.3 | | 85.1 | |
| 05/28/2014 17:51:28 | 94.8 | | 85.1 | |
| 05/28/2014 17:52:28 | 92.0 | | 85.1 | |
| 05/28/2014 17:53:28 | 103.3 | | 85.1 | |
| 05/28/2014 17:54:28 | 104.6 | | 85.1 | |
| 05/28/2014 17:55:28 | 96.2 | | 85.1 | |
| 05/28/2014 17:56:28 | 104.6 | | 85.1 | |

Data Table - 105 North Danbrook

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 81.1

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - PSI | Chan 2 - Deg F | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|----------------|----------------|-------|
| 05/28/2014 17:57:28 | 100.5 | | 85.1 | |
| 05/28/2014 17:58:28 | 104.5 | | 85.1 | |
| 05/28/2014 17:59:28 | 104.9 | | 85.1 | |
| 05/28/2014 18:00:28 | 104.9 | | 85.1 | |
| 05/28/2014 18:01:28 | 100.3 | | 85.1 | |
| 05/28/2014 18:02:28 | 104.0 | | 85.1 | |
| 05/28/2014 18:03:28 | 104.6 | | 85.1 | |
| 05/28/2014 18:04:28 | 104.8 | | 85.1 | |
| 05/28/2014 18:05:28 | 77.5 | | 85.1 | |
| 05/28/2014 18:06:28 | 104.8 | | 85.1 | |
| 05/28/2014 18:07:28 | 88.2 | | 85.1 | |
| 05/28/2014 18:08:28 | 103.6 | | 85.1 | |
| 05/28/2014 18:09:28 | 90.4 | | 85.1 | |
| 05/28/2014 18:10:28 | 91.4 | | 85.1 | |
| 05/28/2014 18:11:28 | 88.9 | | 85.1 | |
| 05/28/2014 18:12:28 | 88.8 | | 85.1 | |
| 05/28/2014 18:13:28 | 105.8 | | 85.1 | |
| 05/28/2014 18:14:28 | 108.3 | | 84.2 | |
| 05/28/2014 18:15:28 | 96.8 | | 85.1 | |
| 05/28/2014 18:16:28 | 105.2 | | 84.2 | |
| 05/28/2014 18:17:28 | 108.5 | | 84.2 | |
| 05/28/2014 18:18:28 | 91.2 | | 84.2 | |
| 05/28/2014 18:19:28 | 93.5 | | 84.2 | |
| 05/28/2014 18:20:28 | 95.0 | | 84.2 | |
| 05/28/2014 18:21:28 | 104.9 | | 84.2 | |
| 05/28/2014 18:22:28 | 105.2 | | 84.2 | |
| 05/28/2014 18:23:28 | 105.2 | | 84.2 | |
| 05/28/2014 18:24:28 | 105.3 | | 84.2 | |
| 05/28/2014 18:25:28 | 105.1 | | 84.2 | |
| 05/28/2014 18:26:28 | 105.2 | | 84.2 | |
| 05/28/2014 18:27:28 | 104.9 | | 84.2 | |
| 05/28/2014 18:28:28 | 104.7 | | 84.2 | |
| 05/28/2014 18:29:28 | 104.8 | | 84.2 | |
| 05/28/2014 18:30:28 | 100.7 | | 84.2 | |
| 05/28/2014 18:31:28 | 94.9 | | 84.2 | |
| 05/28/2014 18:32:28 | 104.1 | | 84.2 | |
| 05/28/2014 18:33:28 | 104.6 | | 84.2 | |
| 05/28/2014 18:34:28 | 100.5 | | 84.2 | |
| 05/28/2014 18:35:28 | 101.2 | | 84.2 | |
| 05/28/2014 18:36:28 | 90.8 | | 84.2 | |



Data Date: 05/28/2014 08:15:34

Unit Tag: 105 North Danbrook

File:

Serial Number: 3401967 Absolute Pressure

#1 107 Cherry Ln

Summary

File:

Channel Summary

| Chan | Chan Tag | Chan Type | Eng Units | Max | Min | Total Samples | Average | MKT | Start Time | Stop Time |
|--------|----------|-------------|-----------|-------------|----------|---------------|-------------|-------|---------------------|---------------------|
| Chan 1 | Chan 1 | Pressure | kPA | 69290620.00 | 99999.00 | 528 | 40983550.00 | | 10/02/2019 14:41:54 | 10/24/2019 13:41:54 |
| Chan 2 | Chan 2 | Temperature | Deg F | 99.16 | 38.17 | 528 | 61.33 | 65.36 | 10/02/2019 14:41:54 | 10/24/2019 13:41:54 |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/02/2019 14:41:54 | 9146157.65 | | 77.56 | |
| 10/02/2019 15:41:54 | 9133356.87 | | 78.91 | |
| 10/02/2019 16:41:54 | 9133356.87 | | 78.57 | |
| 10/02/2019 17:41:54 | 9133356.87 | | 78.12 | |
| 10/02/2019 18:41:54 | 9120556.09 | | 76.87 | |
| 10/02/2019 19:41:54 | 9126956.48 | | 75.31 | |
| 10/02/2019 20:41:54 | 9120556.09 | | 74.07 | |
| 10/02/2019 21:41:54 | 9126956.48 | | 73.72 | |
| 10/02/2019 22:41:54 | 9126956.48 | | 73.62 | |
| 10/02/2019 23:41:54 | 9126956.48 | | 73.72 | |
| 10/03/2019 00:41:54 | 9120556.09 | | 73.85 | |
| 10/03/2019 01:41:54 | 9126956.48 | | 74.07 | |
| 10/03/2019 02:41:54 | 9120556.09 | | 74.30 | |
| 10/03/2019 03:41:54 | 9126956.48 | | 74.52 | |
| 10/03/2019 04:41:54 | 9126956.48 | | 74.62 | |
| 10/03/2019 05:41:54 | 9126956.48 | | 74.97 | |
| 10/03/2019 06:41:54 | 9139757.26 | | 75.07 | |
| 10/03/2019 07:41:54 | 9146157.65 | | 75.20 | |
| 10/03/2019 08:41:54 | 9158958.43 | | 82.17 | |
| 10/03/2019 09:41:54 | 9197360.78 | | 81.82 | |
| 10/03/2019 10:41:54 | 45506775.07 | | 78.67 | |
| 10/03/2019 11:41:54 | 54320112.60 | | 82.85 | |
| 10/03/2019 12:41:54 | 43605859.15 | | 86.11 | |
| 10/03/2019 13:41:54 | 45961202.81 | | 89.47 | |
| 10/03/2019 14:41:54 | 45717987.96 | | 91.17 | |
| 10/03/2019 15:41:54 | 55401778.53 | | 92.75 | |
| 10/03/2019 16:41:54 | 53782479.79 | | 99.16 | |
| 10/03/2019 17:41:54 | 45013944.99 | | 91.51 | |
| 10/03/2019 18:41:54 | 43023423.60 | | 89.15 | |
| 10/03/2019 19:41:54 | 44348304.46 | | 85.21 | |
| 10/03/2019 20:41:54 | 43125829.85 | | 81.72 | |
| 10/03/2019 21:41:54 | 54179304.01 | | 79.25 | |
| 10/03/2019 22:41:54 | 43138630.63 | | 77.22 | |
| 10/03/2019 23:41:54 | 43036224.38 | | 74.97 | |
| 10/04/2019 00:41:54 | 43061825.94 | | 72.05 | |
| 10/04/2019 01:41:54 | 44431509.54 | | 69.67 | |
| 10/04/2019 02:41:54 | 54262509.09 | | 66.87 | |
| 10/04/2019 03:41:54 | 43861874.77 | | 64.96 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 10/04/2019 04:41:54 | 42940218.52 | | 63.95 | |
| | 10/04/2019 05:41:54 | 42684202.99 | | 63.05 | |
| | 10/04/2019 06:41:54 | 42479390.49 | | 61.81 | |
| | 10/04/2019 07:41:54 | 44386706.81 | | 61.57 | |
| | 10/04/2019 08:41:54 | 44053886.49 | | 60.22 | |
| | 10/04/2019 09:41:54 | 43234636.49 | | 60.67 | |
| | 10/04/2019 10:41:54 | 33954070.54 | | 62.60 | |
| | 10/04/2019 11:41:54 | 69169018.13 | | 64.96 | |
| | 10/04/2019 12:41:54 | 44303501.73 | | 67.87 | |
| | 10/04/2019 13:41:54 | 61136528.25 | | 70.57 | |
| | 10/04/2019 14:41:54 | 43049025.16 | | 72.50 | |
| | 10/04/2019 15:41:54 | 42933818.13 | | 74.75 | |
| | 10/04/2019 16:41:54 | 42850613.15 | | 83.17 | |
| | 10/04/2019 17:41:54 | 42780208.85 | | 74.17 | |
| | 10/04/2019 18:41:54 | 44393107.20 | | 72.27 | |
| | 10/04/2019 19:41:54 | 44501913.84 | | 68.56 | |
| | 10/04/2019 20:41:54 | 43797870.87 | | 63.95 | |
| | 10/04/2019 21:41:54 | 43932279.07 | | 60.91 | |
| | 10/04/2019 22:41:54 | 57321895.62 | | 59.90 | |
| | 10/04/2019 23:41:54 | 50403073.72 | | 59.77 | |
| | 10/05/2019 00:41:54 | 45013944.99 | | 58.55 | |
| | 10/05/2019 01:41:54 | 43618659.93 | | 57.42 | |
| | 10/05/2019 02:41:54 | 43042624.77 | | 56.41 | |
| | 10/05/2019 03:41:54 | 42965820.08 | | 55.27 | |
| | 10/05/2019 04:41:54 | 53948889.95 | | 54.37 | |
| | 10/05/2019 05:41:54 | 44085888.45 | | 53.47 | |
| | 10/05/2019 06:41:54 | 42677802.60 | | 52.70 | |
| | 10/05/2019 07:41:54 | 44239497.82 | | 51.91 | |
| | 10/05/2019 08:41:54 | 43836273.21 | | 52.36 | |
| | 10/05/2019 09:41:54 | 43631460.71 | | 55.51 | |
| | 10/05/2019 10:41:54 | 44284300.56 | | 59.11 | |
| | 10/05/2019 11:41:54 | 43209034.93 | | 63.95 | |
| | 10/05/2019 12:41:54 | 32667592.11 | | 68.67 | |
| | 10/05/2019 13:41:54 | 43919478.29 | | 73.27 | |
| | 10/05/2019 14:41:54 | 44777130.64 | | 77.11 | |
| | 10/05/2019 15:41:54 | 43861874.77 | | 80.60 | |
| | 10/05/2019 16:41:54 | 44508314.23 | | 89.71 | |
| | 10/05/2019 17:41:54 | 44425109.15 | | 82.06 | |
| | 10/05/2019 18:41:54 | 33800461.16 | | 80.02 | |
| | 10/05/2019 19:41:54 | 43177032.97 | | 73.40 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 10/05/2019 20:41:54 | 53904087.21 | | 68.00 | |
| | 10/05/2019 21:41:54 | 47874919.51 | | 64.40 | |
| | 10/05/2019 22:41:54 | 44034685.32 | | 62.71 | |
| | 10/05/2019 23:41:54 | 43657062.27 | | 62.37 | |
| | 10/06/2019 00:41:54 | 55491384.00 | | 61.47 | |
| | 10/06/2019 01:41:54 | 49308606.92 | | 61.57 | |
| | 10/06/2019 02:41:54 | 44226697.04 | | 61.81 | |
| | 10/06/2019 03:41:54 | 42229775.25 | | 66.76 | |
| | 10/06/2019 04:41:54 | 42261777.21 | | 68.22 | |
| | 10/06/2019 05:41:54 | 44028284.93 | | 69.67 | |
| | 10/06/2019 06:41:54 | 53552065.73 | | 69.12 | |
| | 10/06/2019 07:41:54 | 48060530.84 | | 68.32 | |
| | 10/06/2019 08:41:54 | 43458650.16 | | 68.56 | |
| | 10/06/2019 09:41:54 | 32898006.18 | | 70.57 | |
| | 10/06/2019 10:41:54 | 43477851.33 | | 72.61 | |
| | 10/06/2019 11:41:54 | 43433048.60 | | 74.62 | |
| | 10/06/2019 12:41:54 | 43337042.74 | | 75.76 | |
| | 10/06/2019 13:41:54 | 55497784.39 | | 74.07 | |
| | 10/06/2019 14:41:54 | 48911782.70 | | 70.57 | |
| | 10/06/2019 15:41:54 | 44213896.26 | | 70.47 | |
| | 10/06/2019 16:41:54 | 42889015.49 | | 70.36 | |
| | 10/06/2019 17:41:54 | 34171683.82 | | 70.57 | |
| | 10/06/2019 18:41:54 | 43733866.96 | | 70.25 | |
| | 10/06/2019 19:41:54 | 44130691.18 | | 69.12 | |
| | 10/06/2019 20:41:54 | 31605127.27 | | 64.17 | |
| | 10/06/2019 21:41:54 | 48559761.31 | | 64.40 | |
| | 10/06/2019 22:41:54 | 43458650.16 | | 64.06 | |
| | 10/06/2019 23:41:54 | 43298640.40 | | 64.06 | |
| | 10/07/2019 00:41:54 | 43183433.36 | | 61.57 | |
| | 10/07/2019 01:41:54 | 44066687.27 | | 60.91 | |
| | 10/07/2019 02:41:54 | 43810671.65 | | 60.46 | |
| | 10/07/2019 03:41:54 | 57321895.62 | | 59.22 | |
| | 10/07/2019 04:41:54 | 50767895.89 | | 59.11 | |
| | 10/07/2019 05:41:54 | 45461972.34 | | 57.87 | |
| | 10/07/2019 06:41:54 | 43836273.21 | | 56.07 | |
| | 10/07/2019 07:41:54 | 43913077.90 | | 56.41 | |
| | 10/07/2019 08:41:54 | 44137091.57 | | 56.52 | |
| | 10/07/2019 09:41:54 | 43874675.55 | | 56.30 | |
| | 10/07/2019 10:41:54 | 43509853.29 | | 56.62 | |
| | 10/07/2019 11:41:54 | 43650661.88 | | 58.21 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 10/07/2019 12:41:54 | 48636565.90 | | 59.32 | |
| | 10/07/2019 13:41:54 | 44021884.54 | | 60.67 | |
| | 10/07/2019 14:41:54 | 44079488.05 | | 60.67 | |
| | 10/07/2019 15:41:54 | 43765868.91 | | 61.57 | |
| | 10/07/2019 16:41:54 | 43375445.08 | | 61.92 | |
| | 10/07/2019 17:41:54 | 44028284.93 | | 63.05 | |
| | 10/07/2019 18:41:54 | 31035492.60 | | 61.81 | |
| | 10/07/2019 19:41:54 | 58742782.25 | | 57.87 | |
| | 10/07/2019 20:41:54 | 50863901.75 | | 55.27 | |
| | 10/07/2019 21:41:54 | 44655523.21 | | 53.37 | |
| | 10/07/2019 22:41:54 | 43797870.87 | | 52.25 | |
| | 10/07/2019 23:41:54 | 43567456.80 | | 51.12 | |
| | 10/08/2019 00:41:54 | 44130691.18 | | 49.77 | |
| | 10/08/2019 01:41:54 | 42767408.07 | | 49.87 | |
| | 10/08/2019 02:41:54 | 44149892.35 | | 49.32 | |
| | 10/08/2019 03:41:54 | 43535454.85 | | 49.32 | |
| | 10/08/2019 04:41:54 | 43362644.30 | | 49.87 | |
| | 10/08/2019 05:41:54 | 43209034.93 | | 50.45 | |
| | 10/08/2019 06:41:54 | 56950672.97 | | 51.67 | |
| | 10/08/2019 07:41:54 | 44316302.51 | | 51.57 | |
| | 10/08/2019 08:41:54 | 58109143.67 | | 52.12 | |
| | 10/08/2019 09:41:54 | 43356243.91 | | 53.47 | |
| | 10/08/2019 10:41:54 | 43049025.16 | | 56.41 | |
| | 10/08/2019 11:41:54 | 43772269.30 | | 59.90 | |
| | 10/08/2019 12:41:54 | 44405907.98 | | 64.27 | |
| | 10/08/2019 13:41:54 | 44175493.91 | | 67.77 | |
| | 10/08/2019 14:41:54 | 44239497.82 | | 69.67 | |
| | 10/08/2019 15:41:54 | 57264292.11 | | 72.27 | |
| | 10/08/2019 16:41:54 | 50710292.38 | | 79.47 | |
| | 10/08/2019 17:41:54 | 44233097.43 | | 71.71 | |
| | 10/08/2019 18:41:54 | 44604320.09 | | 69.35 | |
| | 10/08/2019 19:41:54 | 44457111.10 | | 64.06 | |
| | 10/08/2019 20:41:54 | 44137091.57 | | 59.32 | |
| | 10/08/2019 21:41:54 | 44021884.54 | | 57.07 | |
| | 10/08/2019 22:41:54 | 43484251.72 | | 55.62 | |
| | 10/08/2019 23:41:54 | 43625060.32 | | 54.61 | |
| | 10/09/2019 00:41:54 | 44239497.82 | | 53.47 | |
| | 10/09/2019 01:41:54 | 48834978.01 | | 52.81 | |
| | 10/09/2019 02:41:54 | 53270448.54 | | 52.02 | |
| | 10/09/2019 03:41:54 | 47631704.67 | | 51.67 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/09/2019 04:41:54 | 42786609.24 | | 53.02 | |
| 10/09/2019 05:41:54 | 41980160.02 | | 54.61 | |
| 10/09/2019 06:41:54 | 42012161.97 | | 55.85 | |
| 10/09/2019 07:41:54 | 44341904.07 | | 56.75 | |
| 10/09/2019 08:41:54 | 43925878.68 | | 57.20 | |
| 10/09/2019 09:41:54 | 43823472.43 | | 57.97 | |
| 10/09/2019 10:41:54 | 43753068.13 | | 59.32 | |
| 10/09/2019 11:41:54 | 57449903.44 | | 60.57 | |
| 10/09/2019 12:41:54 | 44450710.71 | | 62.71 | |
| 10/09/2019 13:41:54 | 44757929.46 | | 64.27 | |
| 10/09/2019 14:41:54 | 43529054.46 | | 65.07 | |
| 10/09/2019 15:41:54 | 43529054.46 | | 65.30 | |
| 10/09/2019 16:41:54 | 43401046.65 | | 65.62 | |
| 10/09/2019 17:41:54 | 43932279.07 | | 65.17 | |
| 10/09/2019 18:41:54 | 43810671.65 | | 64.72 | |
| 10/09/2019 19:41:54 | 54121700.49 | | 63.95 | |
| 10/09/2019 20:41:54 | 44053886.49 | | 62.02 | |
| 10/09/2019 21:41:54 | 43676263.44 | | 58.55 | |
| 10/09/2019 22:41:54 | 43202634.54 | | 56.41 | |
| 10/09/2019 23:41:54 | 42991421.64 | | 55.27 | |
| 10/10/2019 00:41:54 | 44092288.84 | | 54.61 | |
| 10/10/2019 01:41:54 | 43612259.54 | | 53.71 | |
| 10/10/2019 02:41:54 | 43599458.76 | | 53.71 | |
| 10/10/2019 03:41:54 | 60054862.33 | | 53.47 | |
| 10/10/2019 04:41:54 | 52707214.16 | | 53.37 | |
| 10/10/2019 05:41:54 | 47017267.17 | | 53.71 | |
| 10/10/2019 06:41:54 | 42076165.88 | | 54.37 | |
| 10/10/2019 07:41:54 | 56432241.32 | | 54.27 | |
| 10/10/2019 08:41:54 | 43535454.85 | | 54.37 | |
| 10/10/2019 09:41:54 | 43561056.41 | | 58.10 | |
| 10/10/2019 10:41:54 | 43349843.52 | | 64.17 | |
| 10/10/2019 11:41:54 | 44373906.02 | | 69.01 | |
| 10/10/2019 12:41:54 | 46396429.37 | | 74.17 | |
| 10/10/2019 13:41:54 | 42882615.10 | | 75.97 | |
| 10/10/2019 14:41:54 | 44233097.43 | | 79.25 | |
| 10/10/2019 15:41:54 | 43599458.76 | | 81.16 | |
| 10/10/2019 16:41:54 | 43612259.54 | | 86.56 | |
| 10/10/2019 17:41:54 | 45353165.70 | | 80.47 | |
| 10/10/2019 18:41:54 | 44655523.21 | | 77.11 | |
| 10/10/2019 19:41:54 | 44469911.88 | | 71.47 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/10/2019 20:41:54 | 54902548.06 | | 67.66 | |
| 10/10/2019 21:41:54 | 49231802.23 | | 65.75 | |
| 10/10/2019 22:41:54 | 43081027.11 | | 64.17 | |
| 10/10/2019 23:41:54 | 55990614.47 | | 63.50 | |
| 10/11/2019 00:41:54 | 50121456.53 | | 62.71 | |
| 10/11/2019 01:41:54 | 45295562.18 | | 61.70 | |
| 10/11/2019 02:41:54 | 41967359.24 | | 60.91 | |
| 10/11/2019 03:41:54 | 44412308.37 | | 60.22 | |
| 10/11/2019 04:41:54 | 57129883.90 | | 59.90 | |
| 10/11/2019 05:41:54 | 51260725.97 | | 60.35 | |
| 10/11/2019 06:41:54 | 46434831.72 | | 61.02 | |
| 10/11/2019 07:41:54 | 43618659.93 | | 61.25 | |
| 10/11/2019 08:41:54 | 43753068.13 | | 62.37 | |
| 10/11/2019 09:41:54 | 43746667.74 | | 65.75 | |
| 10/11/2019 10:41:54 | 43849073.99 | | 69.01 | |
| 10/11/2019 11:41:54 | 43503452.90 | | 74.30 | |
| 10/11/2019 12:41:54 | 44258698.99 | | 74.41 | |
| 10/11/2019 13:41:54 | 43209034.93 | | 75.31 | |
| 10/11/2019 14:41:54 | 43861874.77 | | 75.76 | |
| 10/11/2019 15:41:54 | 43695464.62 | | 77.11 | |
| 10/11/2019 16:41:54 | 43477851.33 | | 77.11 | |
| 10/11/2019 17:41:54 | 44341904.07 | | 75.97 | |
| 10/11/2019 18:41:54 | 34088478.74 | | 74.62 | |
| 10/11/2019 19:41:54 | 45052347.34 | | 72.37 | |
| 10/11/2019 20:41:54 | 44188294.70 | | 69.22 | |
| 10/11/2019 21:41:54 | 44738728.29 | | 68.56 | |
| 10/11/2019 22:41:54 | 55459382.04 | | 56.86 | |
| 10/11/2019 23:41:54 | 49148597.16 | | 52.47 | |
| 10/12/2019 00:41:54 | 43938679.46 | | 51.01 | |
| 10/12/2019 01:41:54 | 42607398.30 | | 49.21 | |
| 10/12/2019 02:41:54 | 42498591.66 | | 48.42 | |
| 10/12/2019 03:41:54 | 43689064.23 | | 47.52 | |
| 10/12/2019 04:41:54 | 43503452.90 | | 46.27 | |
| 10/12/2019 05:41:54 | 43970681.41 | | 45.72 | |
| 10/12/2019 06:41:54 | 43394646.26 | | 44.37 | |
| 10/12/2019 07:41:54 | 44245898.21 | | 43.12 | |
| 10/12/2019 08:41:54 | 66832875.64 | | 42.57 | |
| 10/12/2019 09:41:54 | 51958368.55 | | 44.82 | |
| 10/12/2019 10:41:54 | 42940218.52 | | 47.07 | |
| 10/12/2019 11:41:54 | 43612259.54 | | 49.55 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/12/2019 12:41:54 | 43605859.15 | | 51.67 | |
| 10/12/2019 13:41:54 | 43605859.15 | | 54.16 | |
| 10/12/2019 14:41:54 | 44149892.35 | | 56.52 | |
| 10/12/2019 15:41:54 | 43983482.19 | | 58.77 | |
| 10/12/2019 16:41:54 | 44034685.32 | | 66.52 | |
| 10/12/2019 17:41:54 | 55760200.40 | | 58.87 | |
| 10/12/2019 18:41:54 | 44533915.79 | | 57.42 | |
| 10/12/2019 19:41:54 | 44348304.46 | | 52.70 | |
| 10/12/2019 20:41:54 | 44105089.62 | | 48.52 | |
| 10/12/2019 21:41:54 | 43650661.88 | | 45.72 | |
| 10/12/2019 22:41:54 | 43938679.46 | | 43.92 | |
| 10/12/2019 23:41:54 | 44034685.32 | | 42.80 | |
| 10/13/2019 00:41:54 | 44105089.62 | | 41.67 | |
| 10/13/2019 01:41:54 | 43356243.91 | | 40.77 | |
| 10/13/2019 02:41:54 | 43772269.30 | | 40.21 | |
| 10/13/2019 03:41:54 | 43529054.46 | | 39.42 | |
| 10/13/2019 04:41:54 | 43420247.82 | | 38.86 | |
| 10/13/2019 05:41:54 | 43701865.01 | | 38.75 | |
| 10/13/2019 06:41:54 | 43573857.19 | | 38.75 | |
| 10/13/2019 07:41:54 | 57392299.92 | | 38.17 | |
| 10/13/2019 08:41:54 | 43733866.96 | | 38.62 | |
| 10/13/2019 09:41:54 | 43548255.63 | | 43.57 | |
| 10/13/2019 10:41:54 | 69143416.57 | | 50.11 | |
| 10/13/2019 11:41:54 | 62762227.38 | | 55.51 | |
| 10/13/2019 12:41:54 | 44047486.10 | | 59.11 | |
| 10/13/2019 13:41:54 | 43861874.77 | | 62.37 | |
| 10/13/2019 14:41:54 | 44169093.52 | | 65.07 | |
| 10/13/2019 15:41:54 | 59920454.13 | | 67.87 | |
| 10/13/2019 16:41:54 | 44015484.15 | | 72.72 | |
| 10/13/2019 17:41:54 | 43772269.30 | | 66.97 | |
| 10/13/2019 18:41:54 | 43669863.05 | | 65.07 | |
| 10/13/2019 19:41:54 | 43247437.27 | | 59.22 | |
| 10/13/2019 20:41:54 | 58237151.39 | | 53.92 | |
| 10/13/2019 21:41:54 | 43657062.27 | | 51.35 | |
| 10/13/2019 22:41:54 | 43951480.24 | | 50.45 | |
| 10/13/2019 23:41:54 | 44361105.24 | | 52.81 | |
| 10/14/2019 00:41:54 | 43970681.41 | | 54.05 | |
| 10/14/2019 01:41:54 | 44329103.29 | | 53.15 | |
| 10/14/2019 02:41:54 | 43689064.23 | | 52.12 | |
| 10/14/2019 03:41:54 | 44085888.45 | | 51.01 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/14/2019 04:41:54 | 43689064.23 | | 49.10 | |
| 10/14/2019 05:41:54 | 43586657.97 | | 46.85 | |
| 10/14/2019 06:41:54 | 58358758.81 | | 45.27 | |
| 10/14/2019 07:41:54 | 42146570.18 | | 44.37 | |
| 10/14/2019 08:41:54 | 44207495.87 | | 44.37 | |
| 10/14/2019 09:41:54 | 55152163.29 | | 50.67 | |
| 10/14/2019 10:41:54 | 43842673.60 | | 55.17 | |
| 10/14/2019 11:41:54 | 43778669.69 | | 59.32 | |
| 10/14/2019 12:41:54 | 44111490.01 | | 63.37 | |
| 10/14/2019 13:41:54 | 43957880.63 | | 66.20 | |
| 10/14/2019 14:41:54 | 43170632.58 | | 67.66 | |
| 10/14/2019 15:41:54 | 43151431.41 | | 69.67 | |
| 10/14/2019 16:41:54 | 43081027.11 | | 74.17 | |
| 10/14/2019 17:41:54 | 43900277.12 | | 69.12 | |
| 10/14/2019 18:41:54 | 45231558.27 | | 66.31 | |
| 10/14/2019 19:41:54 | 43836273.21 | | 59.45 | |
| 10/14/2019 20:41:54 | 60688500.91 | | 53.92 | |
| 10/14/2019 21:41:54 | 43695464.62 | | 51.22 | |
| 10/14/2019 22:41:54 | 43887476.34 | | 49.32 | |
| 10/14/2019 23:41:54 | 44021884.54 | | 47.52 | |
| 10/15/2019 00:41:54 | 53494462.21 | | 46.62 | |
| 10/15/2019 01:41:54 | 43599458.76 | | 46.06 | |
| 10/15/2019 02:41:54 | 42697003.77 | | 44.82 | |
| 10/15/2019 03:41:54 | 42581796.74 | | 43.81 | |
| 10/15/2019 04:41:54 | 55363376.18 | | 43.02 | |
| 10/15/2019 05:41:54 | 49065392.08 | | 42.35 | |
| 10/15/2019 06:41:54 | 42761007.68 | | 42.12 | |
| 10/15/2019 07:41:54 | 42703404.16 | | 41.67 | |
| 10/15/2019 08:41:54 | 43861874.77 | | 42.12 | |
| 10/15/2019 09:41:54 | 43957880.63 | | 47.30 | |
| 10/15/2019 10:41:54 | 44265099.38 | | 55.17 | |
| 10/15/2019 11:41:54 | 43945079.85 | | 62.26 | |
| 10/15/2019 12:41:54 | 56598651.48 | | 66.65 | |
| 10/15/2019 13:41:54 | 50166259.27 | | 70.92 | |
| 10/15/2019 14:41:54 | 43228236.10 | | 73.17 | |
| 10/15/2019 15:41:54 | 44066687.27 | | 73.85 | |
| 10/15/2019 16:41:54 | 43573857.19 | | 76.42 | |
| 10/15/2019 17:41:54 | 58512368.19 | | 72.95 | |
| 10/15/2019 18:41:54 | 43733866.96 | | 71.15 | |
| 10/15/2019 19:41:54 | 44316302.51 | | 65.97 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/15/2019 20:41:54 | 53020833.30 | | 63.37 | |
| 10/15/2019 21:41:54 | 44322702.90 | | 62.15 | |
| 10/15/2019 22:41:54 | 43106628.68 | | 63.16 | |
| 10/15/2019 23:41:54 | 43068226.33 | | 64.17 | |
| 10/16/2019 00:41:54 | 54518524.62 | | 64.40 | |
| 10/16/2019 01:41:54 | 43061825.94 | | 62.37 | |
| 10/16/2019 02:41:54 | 42492191.27 | | 61.36 | |
| 10/16/2019 03:41:54 | 42376984.24 | | 61.12 | |
| 10/16/2019 04:41:54 | 43292240.00 | | 61.47 | |
| 10/16/2019 05:41:54 | 42844212.76 | | 52.57 | |
| 10/16/2019 06:41:54 | 53084837.21 | | 50.22 | |
| 10/16/2019 07:41:54 | 35528566.54 | | 50.11 | |
| 10/16/2019 08:41:54 | 58832387.72 | | 48.97 | |
| 10/16/2019 09:41:54 | 51484739.64 | | 49.77 | |
| 10/16/2019 10:41:54 | 45967603.20 | | 50.90 | |
| 10/16/2019 11:41:54 | 43234636.49 | | 52.70 | |
| 10/16/2019 12:41:54 | 44181894.31 | | 53.15 | |
| 10/16/2019 13:41:54 | 52451198.54 | | 52.47 | |
| 10/16/2019 14:41:54 | 45122751.63 | | 52.81 | |
| 10/16/2019 15:41:54 | 42172171.74 | | 52.12 | |
| 10/16/2019 16:41:54 | 42172171.74 | | 51.22 | |
| 10/16/2019 17:41:54 | 42082566.27 | | 51.22 | |
| 10/16/2019 18:41:54 | 43983482.19 | | 51.12 | |
| 10/16/2019 19:41:54 | 58006737.42 | | 50.56 | |
| 10/16/2019 20:41:54 | 55260969.93 | | 50.22 | |
| 10/16/2019 21:41:54 | 60688500.91 | | 49.66 | |
| 10/16/2019 22:41:54 | 44066687.27 | | 49.77 | |
| 10/16/2019 23:41:54 | 43017023.21 | | 48.65 | |
| 10/17/2019 00:41:54 | 43196234.15 | | 46.72 | |
| 10/17/2019 01:41:54 | 54902548.06 | | 44.15 | |
| 10/17/2019 02:41:54 | 52047974.02 | | 43.02 | |
| 10/17/2019 03:41:54 | 42901816.18 | | 42.12 | |
| 10/17/2019 04:41:54 | 42876214.71 | | 41.67 | |
| 10/17/2019 05:41:54 | 42690603.38 | | 41.90 | |
| 10/17/2019 06:41:54 | 42658601.43 | | 41.67 | |
| 10/17/2019 07:41:54 | 44527515.40 | | 41.00 | |
| 10/17/2019 08:41:54 | 44015484.15 | | 41.00 | |
| 10/17/2019 09:41:54 | 57309094.84 | | 44.47 | |
| 10/17/2019 10:41:54 | 44021884.54 | | 48.31 | |
| 10/17/2019 11:41:54 | 44450710.71 | | 52.57 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/17/2019 12:41:54 | 44546716.57 | | 55.40 | |
| 10/17/2019 13:41:54 | 44297101.34 | | 57.65 | |
| 10/17/2019 14:41:54 | 44597919.70 | | 59.22 | |
| 10/17/2019 15:41:54 | 43957880.63 | | 60.01 | |
| 10/17/2019 16:41:54 | 43893876.73 | | 63.05 | |
| 10/17/2019 17:41:54 | 33064416.33 | | 59.32 | |
| 10/17/2019 18:41:54 | 60451686.46 | | 57.97 | |
| 10/17/2019 19:41:54 | 43746667.74 | | 53.71 | |
| 10/17/2019 20:41:54 | 43637861.10 | | 50.11 | |
| 10/17/2019 21:41:54 | 44444310.32 | | 46.96 | |
| 10/17/2019 22:41:54 | 44015484.15 | | 45.72 | |
| 10/17/2019 23:41:54 | 44021884.54 | | 44.71 | |
| 10/18/2019 00:41:54 | 56125022.67 | | 43.25 | |
| 10/18/2019 01:41:54 | 49340608.88 | | 42.35 | |
| 10/18/2019 02:41:54 | 42684202.99 | | 41.56 | |
| 10/18/2019 03:41:54 | 42690603.38 | | 40.55 | |
| 10/18/2019 04:41:54 | 42575396.35 | | 39.97 | |
| 10/18/2019 05:41:54 | 54294511.04 | | 39.31 | |
| 10/18/2019 06:41:54 | 48028528.89 | | 38.75 | |
| 10/18/2019 07:41:54 | 42761007.68 | | 38.17 | |
| 10/18/2019 08:41:54 | 32462779.61 | | 38.62 | |
| 10/18/2019 09:41:54 | 44284300.56 | | 42.35 | |
| 10/18/2019 10:41:54 | 45583579.76 | | 48.52 | |
| 10/18/2019 11:41:54 | 69290625.55 | | 53.60 | |
| 10/18/2019 12:41:54 | 43138630.63 | | 57.20 | |
| 10/18/2019 13:41:54 | 44252298.60 | | 59.90 | |
| 10/18/2019 14:41:54 | 30568264.08 | | 62.15 | |
| 10/18/2019 15:41:54 | 44732327.90 | | 63.61 | |
| 10/18/2019 16:41:54 | 55657794.15 | | 68.32 | |
| 10/18/2019 17:41:54 | 44060286.88 | | 63.82 | |
| 10/18/2019 18:41:54 | 44393107.20 | | 60.80 | |
| 10/18/2019 19:41:54 | 44463511.49 | | 55.27 | |
| 10/18/2019 20:41:54 | 44111490.01 | | 50.56 | |
| 10/18/2019 21:41:54 | 44207495.87 | | 48.20 | |
| 10/18/2019 22:41:54 | 44201095.48 | | 46.40 | |
| 10/18/2019 23:41:54 | 44277900.16 | | 45.16 | |
| 10/19/2019 00:41:54 | 44194695.09 | | 44.71 | |
| 10/19/2019 01:41:54 | 44245898.21 | | 43.70 | |
| 10/19/2019 02:41:54 | 43759468.52 | | 42.80 | |
| 10/19/2019 03:41:54 | 43177032.97 | | 41.67 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/19/2019 04:41:54 | 43247437.27 | | 41.00 | |
| 10/19/2019 05:41:54 | 43074626.72 | | 40.42 | |
| 10/19/2019 06:41:54 | 42978620.86 | | 39.97 | |
| 10/19/2019 07:41:54 | 57001876.09 | | 39.52 | |
| 10/19/2019 08:41:54 | 44028284.93 | | 39.87 | |
| 10/19/2019 09:41:54 | 43695464.62 | | 43.57 | |
| 10/19/2019 10:41:54 | 43650661.88 | | 51.80 | |
| 10/19/2019 11:41:54 | 54710536.34 | | 56.07 | |
| 10/19/2019 12:41:54 | 43087427.50 | | 60.57 | |
| 10/19/2019 13:41:54 | 44034685.32 | | 66.31 | |
| 10/19/2019 14:41:54 | 43759468.52 | | 69.35 | |
| 10/19/2019 15:41:54 | 59158807.64 | | 71.71 | |
| 10/19/2019 16:41:54 | 51977569.72 | | 73.96 | |
| 10/19/2019 17:41:54 | 42857013.54 | | 70.92 | |
| 10/19/2019 18:41:54 | 58883590.84 | | 67.55 | |
| 10/19/2019 19:41:54 | 44226697.04 | | 64.40 | |
| 10/19/2019 20:41:54 | 44226697.04 | | 62.37 | |
| 10/19/2019 21:41:54 | 44418708.76 | | 60.57 | |
| 10/19/2019 22:41:54 | 44220296.65 | | 61.81 | |
| 10/19/2019 23:41:54 | 44085888.45 | | 61.92 | |
| 10/20/2019 00:41:54 | 44111490.01 | | 61.57 | |
| 10/20/2019 01:41:54 | 44111490.01 | | 61.02 | |
| 10/20/2019 02:41:54 | 44137091.57 | | 60.57 | |
| 10/20/2019 03:41:54 | 42895415.88 | | 59.90 | |
| 10/20/2019 04:41:54 | 42844212.76 | | 59.32 | |
| 10/20/2019 05:41:54 | 42825011.59 | | 59.11 | |
| 10/20/2019 06:41:54 | 42780208.85 | | 59.00 | |
| 10/20/2019 07:41:54 | 58230751.00 | | 59.00 | |
| 10/20/2019 08:41:54 | 40853691.36 | | 59.32 | |
| 10/20/2019 09:41:54 | 32437178.05 | | 60.80 | |
| 10/20/2019 10:41:54 | 43887476.34 | | 63.05 | |
| 10/20/2019 11:41:54 | 44201095.48 | | 65.30 | |
| 10/20/2019 12:41:54 | 44265099.38 | | 68.32 | |
| 10/20/2019 13:41:54 | 44386706.81 | | 70.70 | |
| 10/20/2019 14:41:54 | 43938679.46 | | 72.61 | |
| 10/20/2019 15:41:54 | 44213896.26 | | 75.52 | |
| 10/20/2019 16:41:54 | 44777130.64 | | 78.91 | |
| 10/20/2019 17:41:54 | 43951480.24 | | 74.17 | |
| 10/20/2019 18:41:54 | 31528322.58 | | 69.80 | |
| 10/20/2019 19:41:54 | 44303501.73 | | 65.30 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/20/2019 20:41:54 | 43445849.38 | | 61.25 | |
| 10/20/2019 21:41:54 | 43676263.44 | | 59.45 | |
| 10/20/2019 22:41:54 | 55542587.12 | | 58.66 | |
| 10/20/2019 23:41:54 | 49391812.00 | | 57.20 | |
| 10/21/2019 00:41:54 | 44201095.48 | | 56.30 | |
| 10/21/2019 01:41:54 | 43509853.29 | | 55.27 | |
| 10/21/2019 02:41:54 | 42933818.13 | | 55.40 | |
| 10/21/2019 03:41:54 | 57808325.31 | | 55.27 | |
| 10/21/2019 04:41:54 | 51023911.52 | | 56.41 | |
| 10/21/2019 05:41:54 | 45577179.37 | | 56.75 | |
| 10/21/2019 06:41:54 | 41525732.28 | | 56.07 | |
| 10/21/2019 07:41:54 | 39490408.15 | | 55.51 | |
| 10/21/2019 08:41:54 | 43708265.40 | | 57.20 | |
| 10/21/2019 09:41:54 | 43663462.66 | | 60.22 | |
| 10/21/2019 10:41:54 | 43401046.65 | | 64.27 | |
| 10/21/2019 11:41:54 | 43413847.43 | | 68.67 | |
| 10/21/2019 12:41:54 | 43970681.41 | | 70.81 | |
| 10/21/2019 13:41:54 | 54435319.54 | | 74.86 | |
| 10/21/2019 14:41:54 | 48694169.42 | | 77.22 | |
| 10/21/2019 15:41:54 | 43721066.18 | | 75.20 | |
| 10/21/2019 16:41:54 | 41935357.28 | | 68.11 | |
| 10/21/2019 17:41:54 | 43906677.51 | | 65.30 | |
| 10/21/2019 18:41:54 | 42805810.41 | | 64.85 | |
| 10/21/2019 19:41:54 | 43119429.46 | | 63.16 | |
| 10/21/2019 20:41:54 | 58345958.03 | | 62.26 | |
| 10/21/2019 21:41:54 | 62704623.87 | | 62.02 | |
| 10/21/2019 22:41:54 | 43017023.21 | | 62.15 | |
| 10/21/2019 23:41:54 | 43010622.82 | | 62.37 | |
| 10/22/2019 00:41:54 | 42882615.10 | | 62.02 | |
| 10/22/2019 01:41:54 | 44111490.01 | | 61.47 | |
| 10/22/2019 02:41:54 | 42953019.30 | | 60.57 | |
| 10/22/2019 03:41:54 | 42863413.93 | | 59.67 | |
| 10/22/2019 04:41:54 | 42844212.76 | | 59.56 | |
| 10/22/2019 05:41:54 | 42761007.68 | | 59.45 | |
| 10/22/2019 06:41:54 | 55459382.04 | | 57.87 | |
| 10/22/2019 07:41:54 | 44207495.87 | | 56.17 | |
| 10/22/2019 08:41:54 | 44002683.37 | | 55.72 | |
| 10/22/2019 09:41:54 | 51478339.25 | | 57.20 | |
| 10/22/2019 10:41:54 | 45429970.38 | | 58.42 | |
| 10/22/2019 11:41:54 | 42018562.36 | | 59.77 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

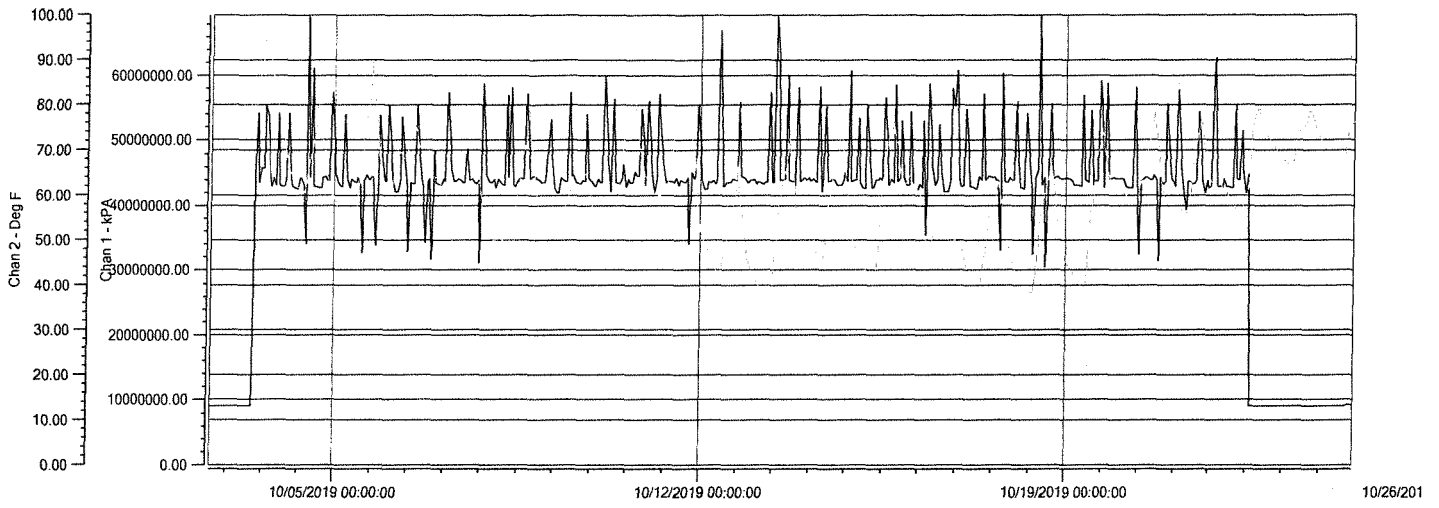
| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/22/2019 12:41:54 | 44674724.39 | | 61.57 | |
| 10/22/2019 13:41:54 | 9101354.92 | | 70.92 | |
| 10/22/2019 14:41:54 | 9114155.70 | | 75.52 | |
| 10/22/2019 15:41:54 | 9120556.09 | | 77.45 | |
| 10/22/2019 16:41:54 | 9139757.26 | | 79.47 | |
| 10/22/2019 17:41:54 | 9126956.48 | | 78.67 | |
| 10/22/2019 18:41:54 | 9126956.48 | | 76.87 | |
| 10/22/2019 19:41:54 | 9133356.87 | | 75.42 | |
| 10/22/2019 20:41:54 | 9133356.87 | | 74.07 | |
| 10/22/2019 21:41:54 | 9126956.48 | | 72.95 | |
| 10/22/2019 22:41:54 | 9133356.87 | | 72.05 | |
| 10/22/2019 23:41:54 | 9133356.87 | | 71.15 | |
| 10/23/2019 00:41:54 | 9133356.87 | | 70.36 | |
| 10/23/2019 01:41:54 | 9133356.87 | | 69.67 | |
| 10/23/2019 02:41:54 | 9139757.26 | | 69.12 | |
| 10/23/2019 03:41:54 | 9133356.87 | | 68.45 | |
| 10/23/2019 04:41:54 | 9146157.65 | | 67.87 | |
| 10/23/2019 05:41:54 | 9133356.87 | | 67.32 | |
| 10/23/2019 06:41:54 | 9146157.65 | | 66.76 | |
| 10/23/2019 07:41:54 | 9139757.26 | | 66.31 | |
| 10/23/2019 08:41:54 | 9158958.43 | | 66.97 | |
| 10/23/2019 09:41:54 | 9171759.21 | | 69.91 | |
| 10/23/2019 10:41:54 | 9190960.39 | | 73.17 | |
| 10/23/2019 11:41:54 | 9190960.39 | | 74.30 | |
| 10/23/2019 12:41:54 | 9203761.17 | | 74.62 | |
| 10/23/2019 13:41:54 | 9190960.39 | | 74.75 | |
| 10/23/2019 14:41:54 | 9197360.78 | | 75.65 | |
| 10/23/2019 15:41:54 | 9197360.78 | | 77.32 | |
| 10/23/2019 16:41:54 | 9197360.78 | | 78.57 | |
| 10/23/2019 17:41:54 | 9184560.00 | | 78.01 | |
| 10/23/2019 18:41:54 | 9190960.39 | | 76.21 | |
| 10/23/2019 19:41:54 | 9190960.39 | | 74.75 | |
| 10/23/2019 20:41:54 | 9184560.00 | | 73.62 | |
| 10/23/2019 21:41:54 | 9184560.00 | | 72.37 | |
| 10/23/2019 22:41:54 | 9178159.60 | | 71.47 | |
| 10/23/2019 23:41:54 | 9184560.00 | | 70.70 | |
| 10/24/2019 00:41:54 | 9171759.21 | | 69.91 | |
| 10/24/2019 01:41:54 | 9158958.43 | | 69.12 | |
| 10/24/2019 02:41:54 | 9171759.21 | | 68.67 | |
| 10/24/2019 03:41:54 | 9171759.21 | | 68.11 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.36

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/24/2019 04:41:54 | 9178159.60 | | 67.66 | |
| 10/24/2019 05:41:54 | 9171759.21 | | 67.32 | |
| 10/24/2019 06:41:54 | 9171759.21 | | 66.87 | |
| 10/24/2019 07:41:54 | 9171759.21 | | 66.42 | |
| 10/24/2019 08:41:54 | 9184560.00 | | 67.66 | |
| 10/24/2019 09:41:54 | 9203761.17 | | 70.47 | |
| 10/24/2019 10:41:54 | 9210161.56 | | 73.62 | |
| 10/24/2019 11:41:54 | 9216561.95 | | 75.31 | |
| 10/24/2019 12:41:54 | 9222962.34 | | 75.65 | |
| 10/24/2019 13:41:54 | 9210161.56 | | 76.42 | |



Data Date: 10/02/2019 14:41:54

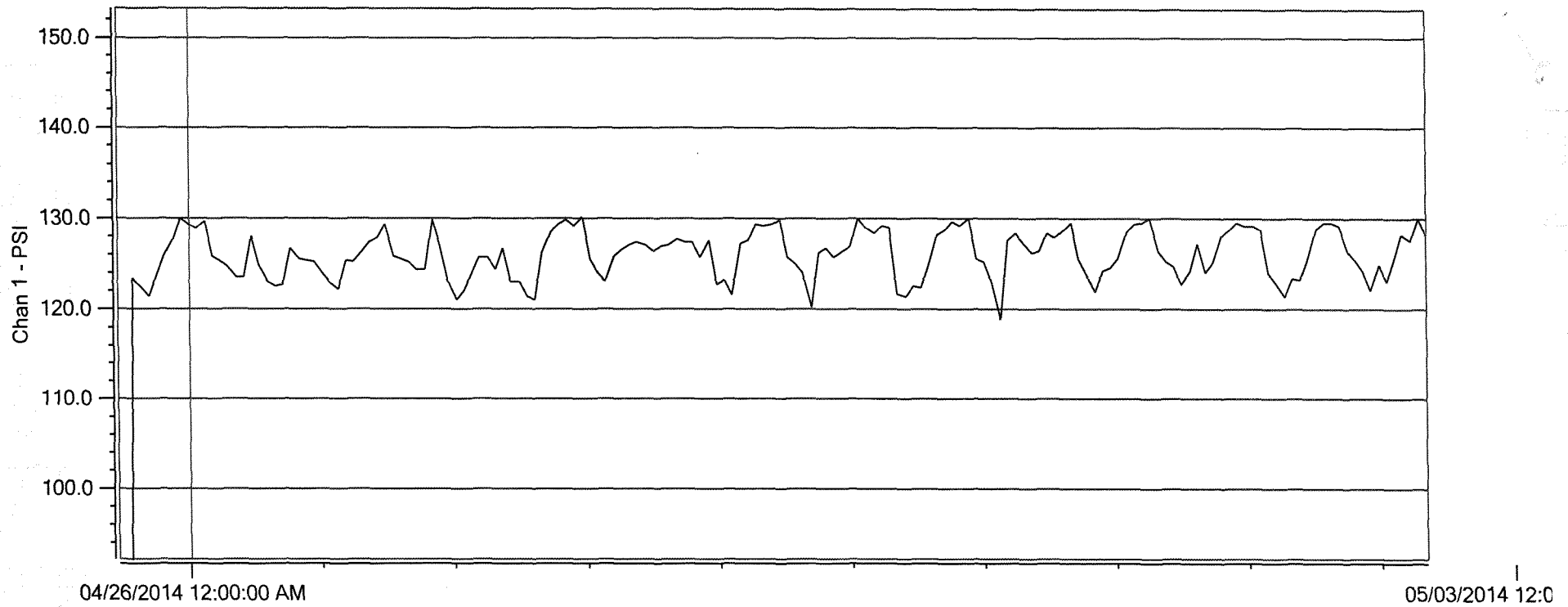
Unit Tag: Pressure Logger

File:

Serial Number: 3405911B0 Absolute Pressure

#1

107 cherry Ln

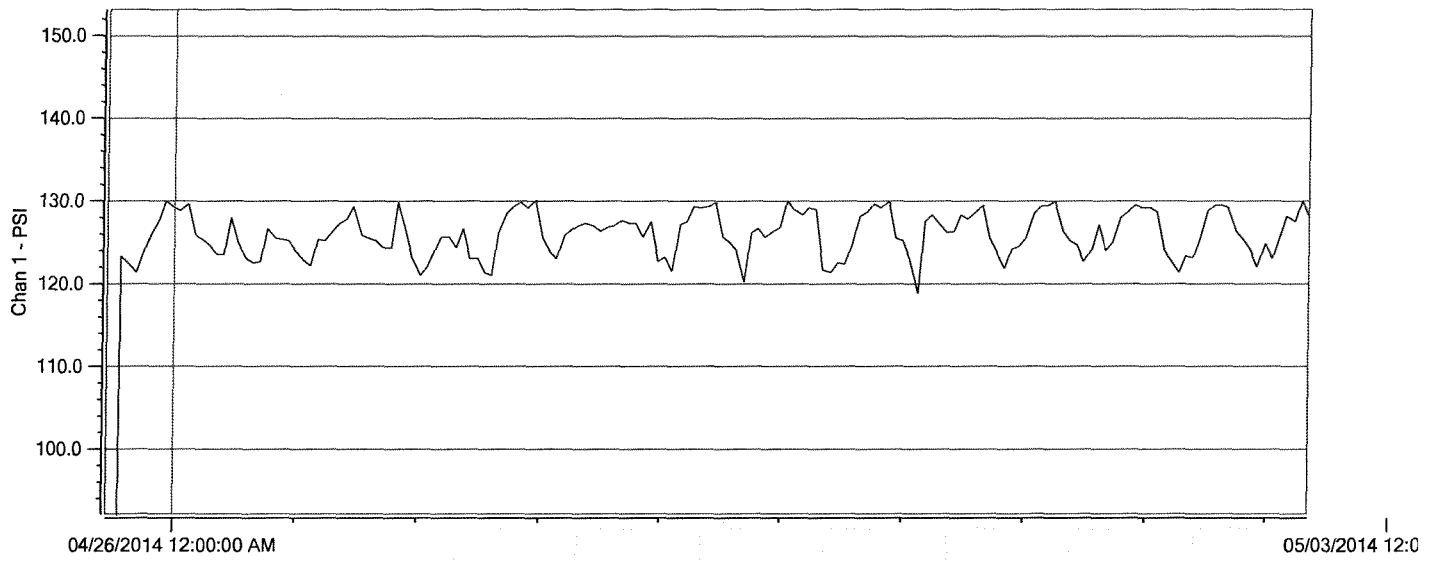


Data Date: 04/25/2014 14:49:52

Unit Tag: 1030 Bittersweet

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI

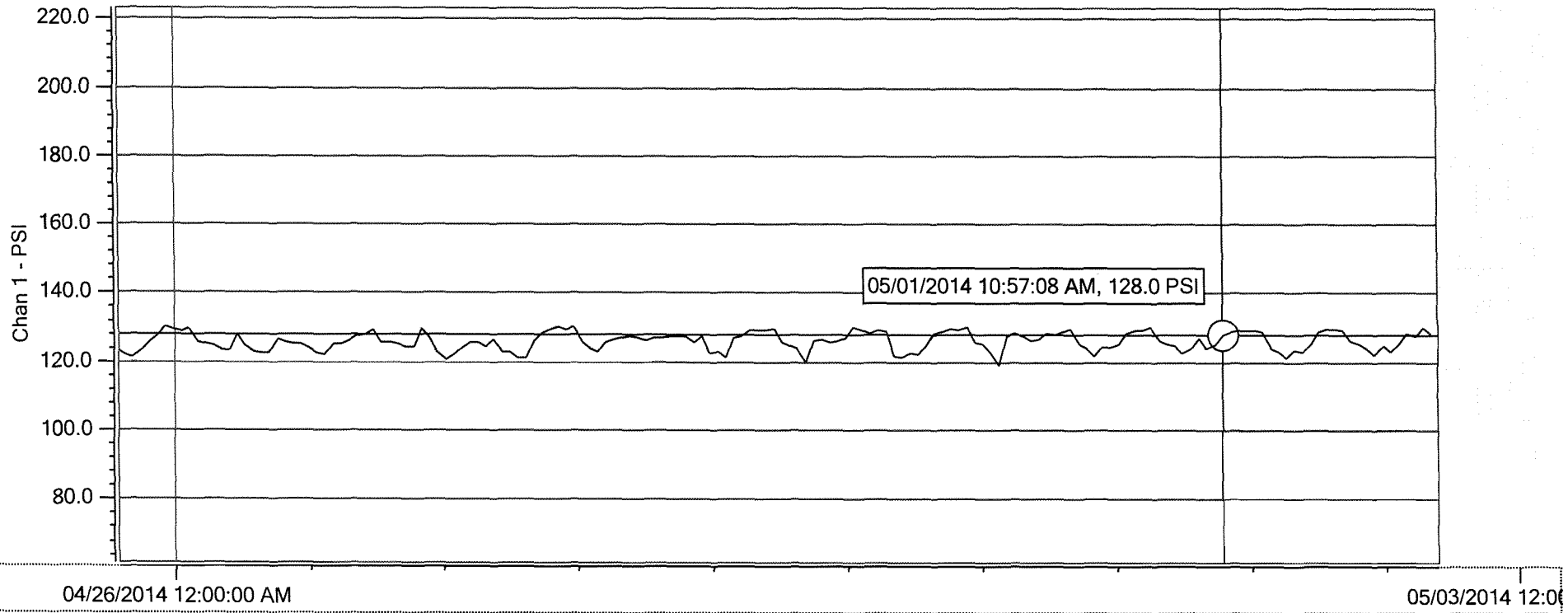


Data Date: 04/25/2014 14:49:52

Unit Tag: 1030 Bittersweet

File:

Serial Number: 3401967III Gauge Pressure Atmos. = 14.79385000 PSI

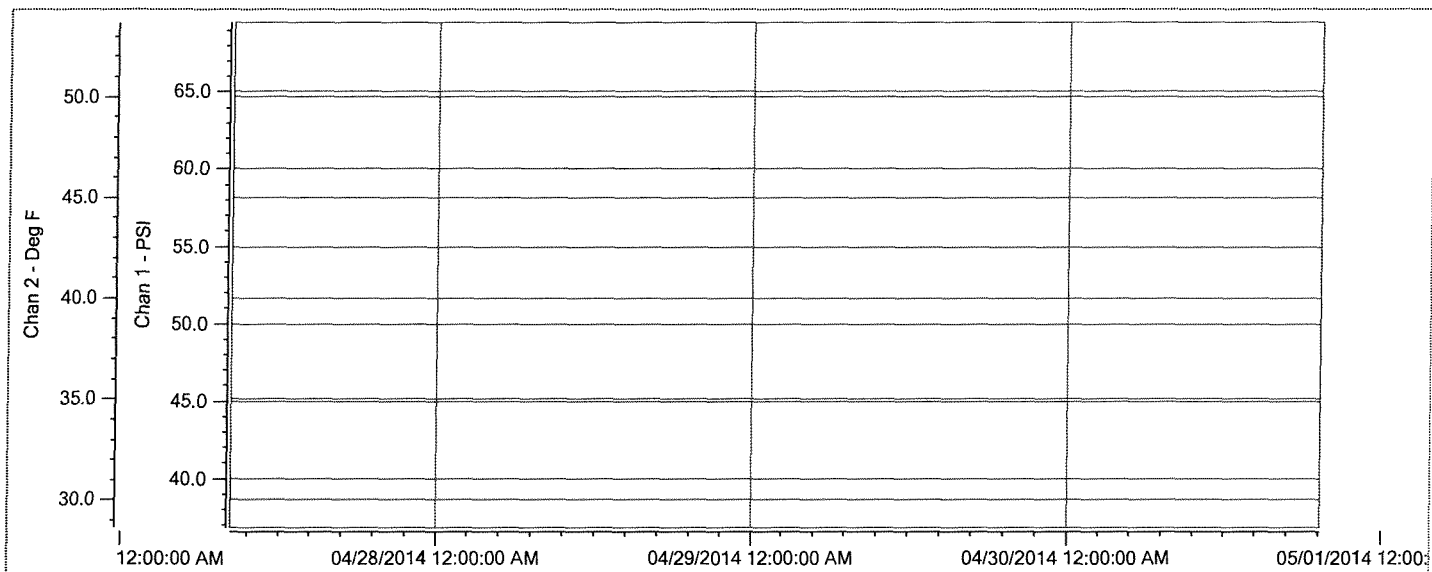


Data Date: 04/25/2014 17:03:42

Unit Tag: 1030 Bittersweet

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI

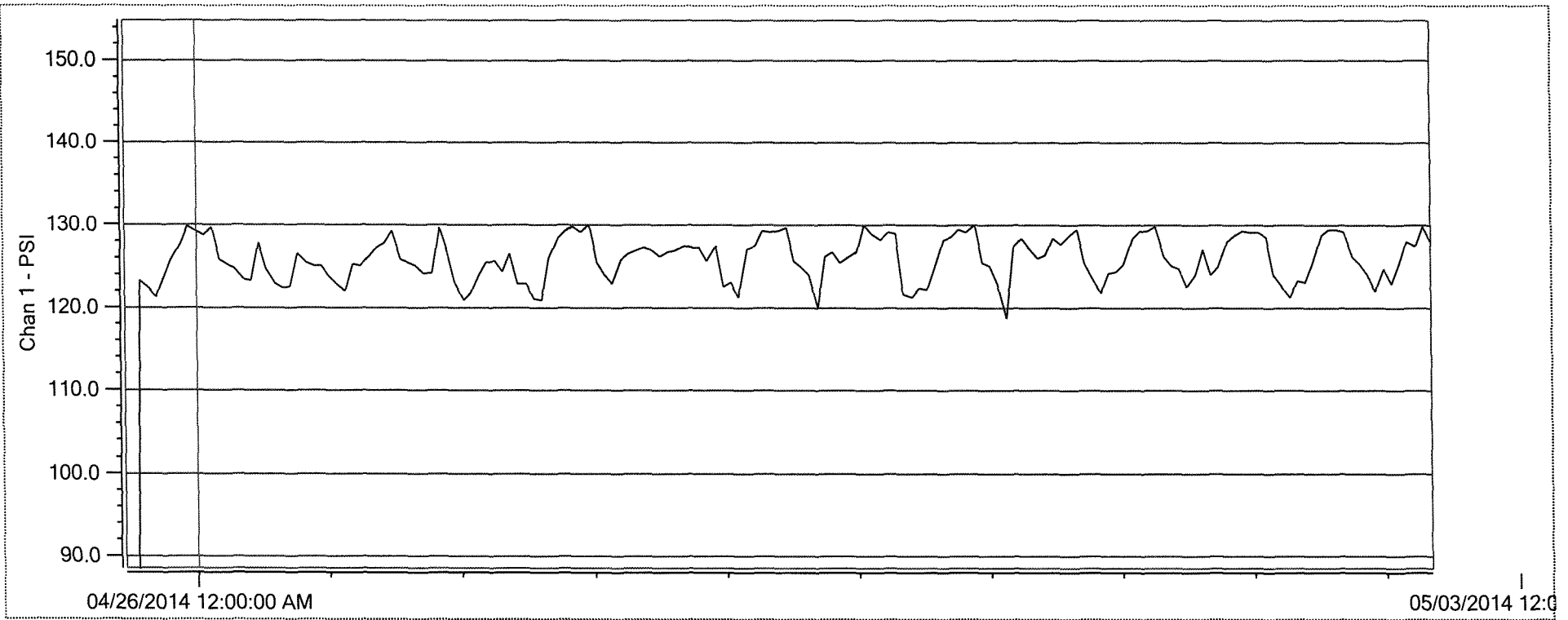


Data Date: 04/27/2014 08:19:52

Unit Tag: 1030 Bittersweet

File:

Serial Number: 3401967 III Gauge Pressure Atmos. = 14.79385000 PSI

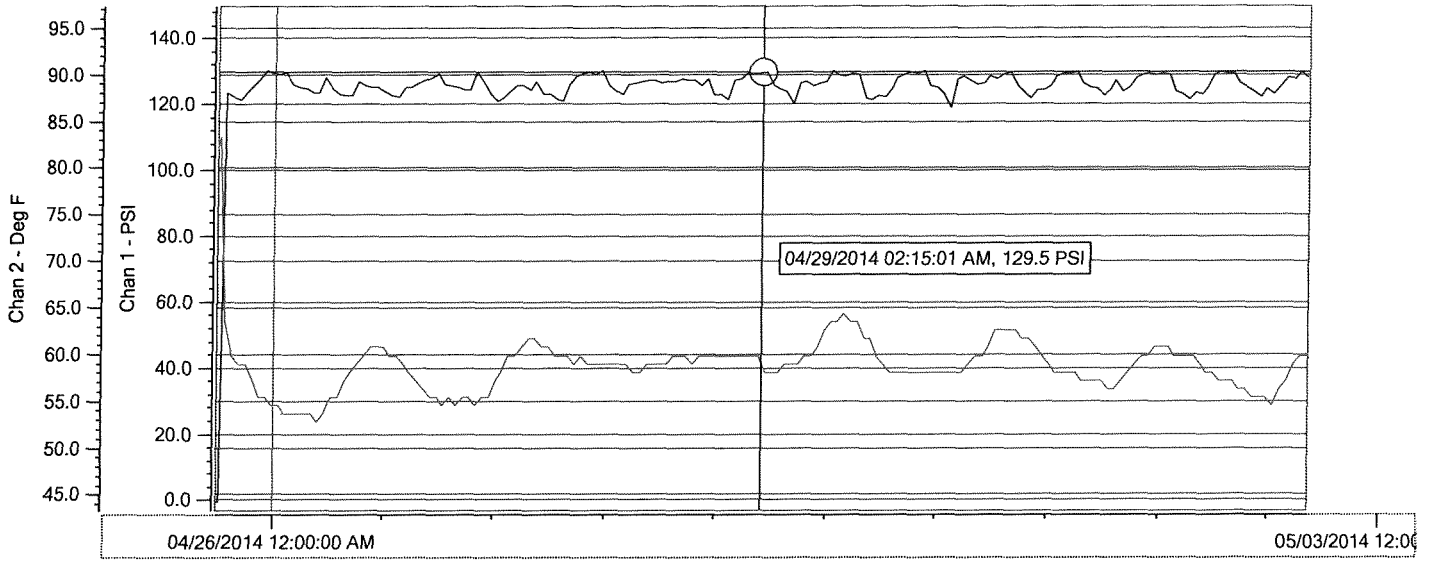


Data Date: 04/25/2014 11:16:14

Unit Tag: 1030 Bittersweet

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI

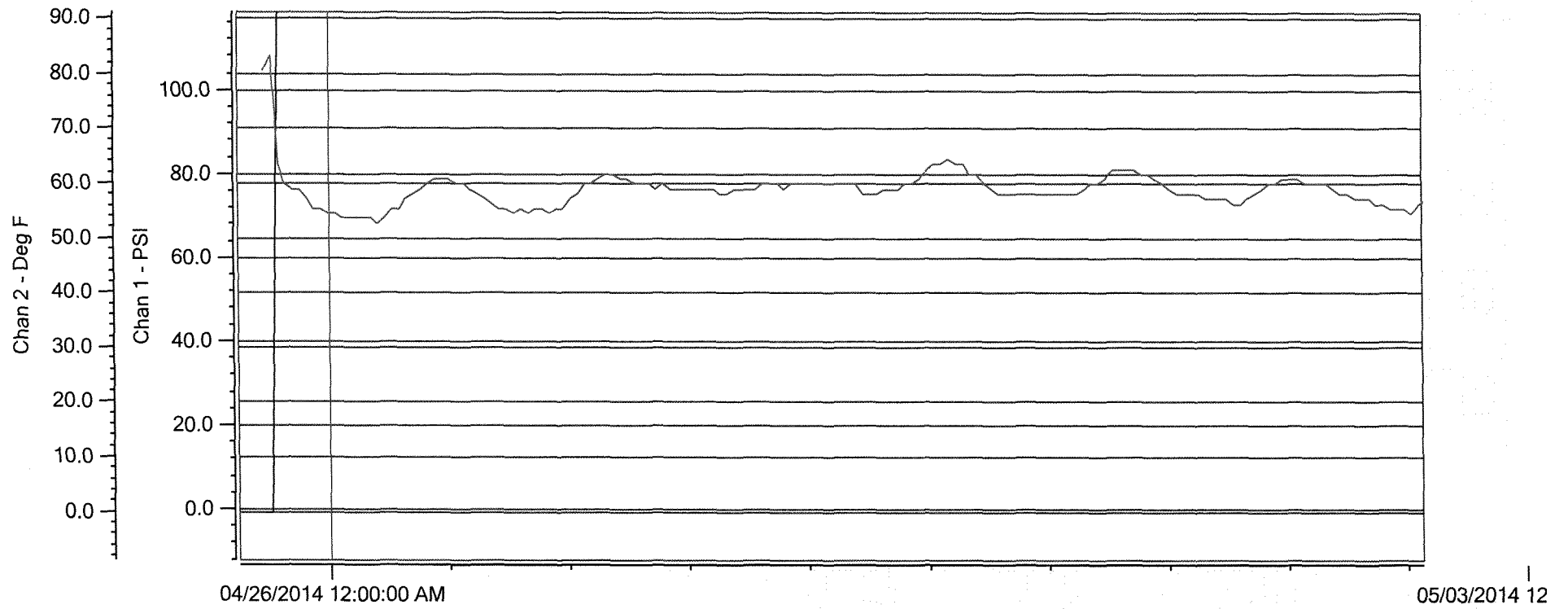


Data Date: 04/25/2014 15:29:28

Unit Tag: 1030 Bittersweet

File:

Serial Number: 3401967 III Gauge Pressure Atmos. = 14.79385000 PSI

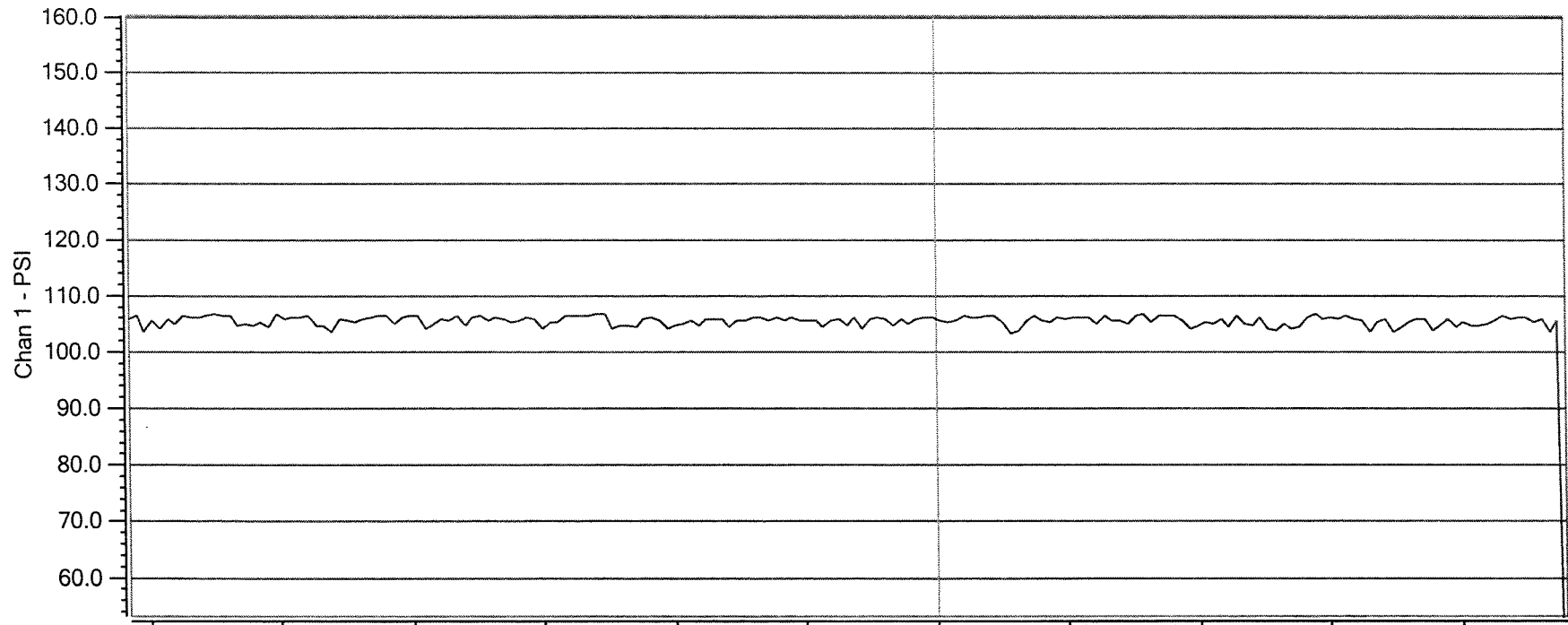


Data Date: 04/25/2014 11:16:04

Unit Tag: 1030 Bittersweet

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI



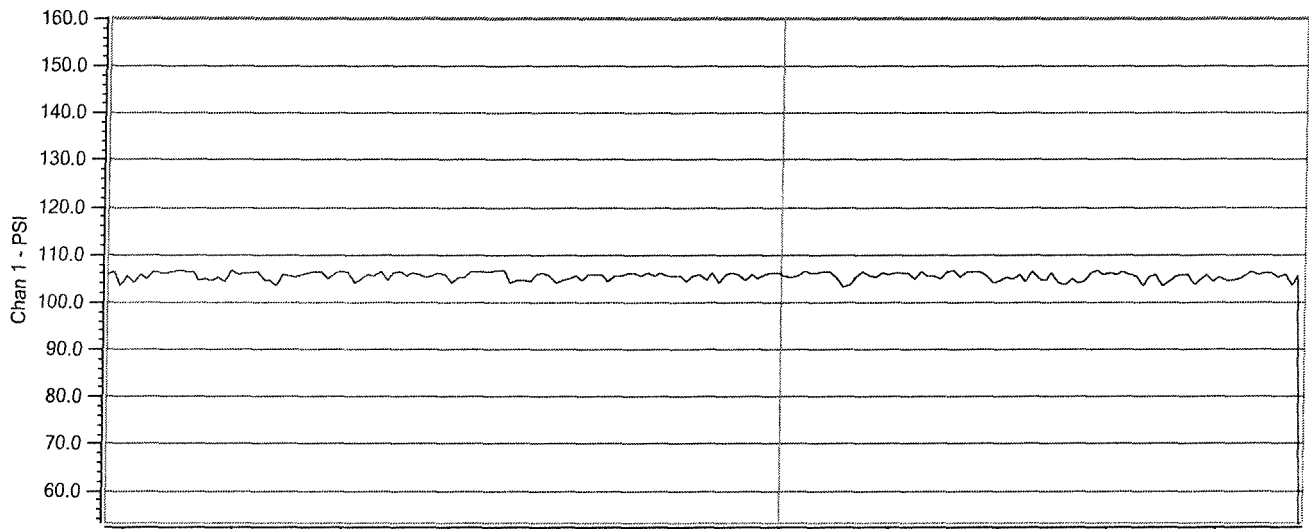
05/17/2014 12:00:00 AM

Data Date: 05/12/2014 16:30:26

Unit Tag: 1251 Benson Valley

File:

Serial Number: 3401967000 Gauge Pressure Atmos. = 14.79385000 PSI



05/17/2014 12:00:00 AM

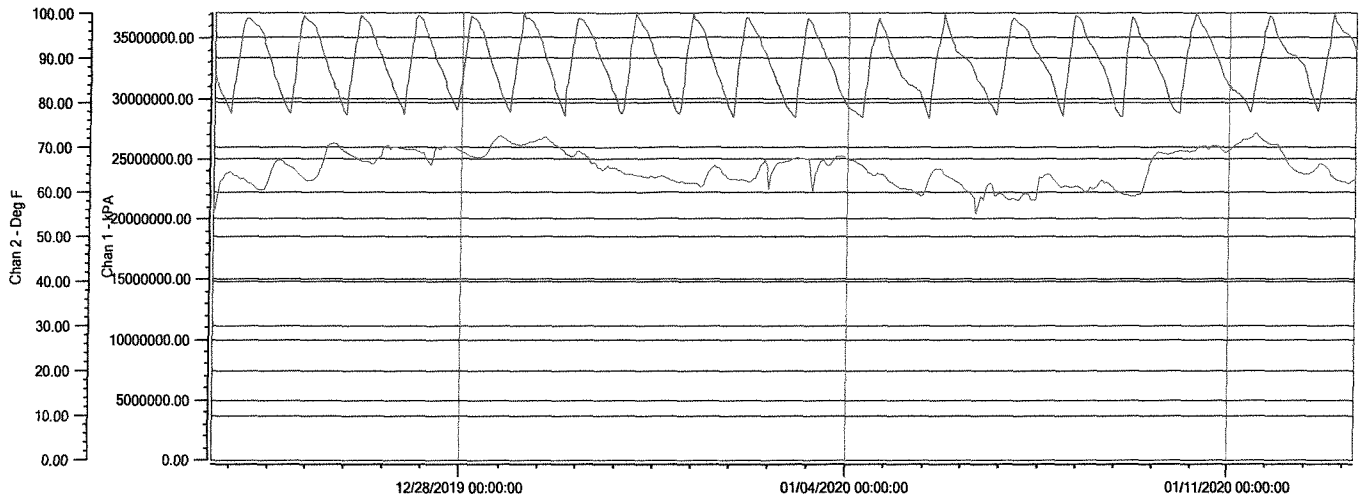
Data Date: 05/12/2014 16:30:26

Unit Tag: Benson Valley

File:

Serial Number: 3401967 III Gauge Pressure Atmos. = 14.79385000 PSI

Highwood



Data Date: 12/23/2019 11:13:26

Unit Tag: Pressure Logger

File:

Serial Number: 340591180 Absolute Pressure

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.83

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 12/23/2019 11:13:26 | 32021152.66 | | 54.82 | |
| 12/23/2019 12:13:26 | 31387514.08 | | 58.42 | |
| 12/23/2019 13:13:26 | 30785877.36 | | 61.02 | |
| 12/23/2019 14:13:26 | 30523461.34 | | 62.47 | |
| 12/23/2019 15:13:26 | 30177840.25 | | 62.82 | |
| 12/23/2019 16:13:26 | 29781016.03 | | 63.95 | |
| 12/23/2019 17:13:26 | 29198580.58 | | 64.27 | |
| 12/23/2019 18:13:26 | 28660947.76 | | 64.51 | |
| 12/23/2019 19:13:26 | 29998629.31 | | 64.27 | |
| 12/23/2019 20:13:26 | 31477119.45 | | 63.82 | |
| 12/23/2019 21:13:26 | 32808400.71 | | 63.61 | |
| 12/23/2019 22:13:26 | 34152482.65 | | 63.16 | |
| 12/23/2019 23:13:26 | 35451761.85 | | 62.92 | |
| 12/24/2019 00:13:26 | 36373418.10 | | 63.05 | |
| 12/24/2019 01:13:26 | 36603832.17 | | 62.60 | |
| 12/24/2019 02:13:26 | 36578230.60 | | 62.02 | |
| 12/24/2019 03:13:26 | 36360617.32 | | 61.92 | |
| 12/24/2019 04:13:26 | 36175005.99 | | 61.70 | |
| 12/24/2019 05:13:26 | 35995795.06 | | 61.12 | |
| 12/24/2019 06:13:26 | 35861386.85 | | 60.67 | |
| 12/24/2019 07:13:26 | 35611771.62 | | 60.46 | |
| 12/24/2019 08:13:26 | 35202146.71 | | 60.46 | |
| 12/24/2019 09:13:26 | 34542906.48 | | 60.57 | |
| 12/24/2019 10:13:26 | 33922068.58 | | 61.70 | |
| 12/24/2019 11:13:26 | 33326832.35 | | 63.27 | |
| 12/24/2019 12:13:26 | 32609988.60 | | 64.72 | |
| 12/24/2019 13:13:26 | 31925146.80 | | 66.07 | |
| 12/24/2019 14:13:26 | 31419516.03 | | 66.76 | |
| 12/24/2019 15:13:26 | 30984289.47 | | 67.10 | |
| 12/24/2019 16:13:26 | 30421055.09 | | 67.21 | |
| 12/24/2019 17:13:26 | 29838619.54 | | 66.97 | |
| 12/24/2019 18:13:26 | 29595404.70 | | 66.31 | |
| 12/24/2019 19:13:26 | 29076973.16 | | 65.97 | |
| 12/24/2019 20:13:26 | 28673748.54 | | 65.62 | |
| 12/24/2019 21:13:26 | 30325049.23 | | 65.41 | |
| 12/24/2019 22:13:26 | 32001951.49 | | 65.17 | |
| 12/24/2019 23:13:26 | 33378035.38 | | 64.72 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|---------------------|---------------------|--------------|-------|----------------|-------|
| 12/25/2019 00:13:26 | | 34773320.54 | | 64.27 | |
| 12/25/2019 01:13:26 | | 36194207.17 | | 63.82 | |
| 12/25/2019 02:13:26 | | 36802244.28 | | 63.37 | |
| 12/25/2019 03:13:26 | | 36571830.21 | | 62.92 | |
| 12/25/2019 04:13:26 | | 36437422.01 | | 62.71 | |
| 12/25/2019 05:13:26 | | 36309414.20 | | 62.71 | |
| 12/25/2019 06:13:26 | | 36136603.65 | | 62.71 | |
| 12/25/2019 07:13:26 | | 35874187.63 | | 62.82 | |
| 12/25/2019 08:13:26 | | 35394158.33 | | 63.05 | |
| 12/25/2019 09:13:26 | | 34958931.87 | | 63.72 | |
| 12/25/2019 10:13:26 | | 34184484.60 | | 65.30 | |
| 12/25/2019 11:13:26 | | 33493242.41 | | 67.21 | |
| 12/25/2019 12:13:26 | | 32898006.18 | | 69.01 | |
| 12/25/2019 13:13:26 | | 32437178.05 | | 70.25 | |
| 12/25/2019 14:13:26 | | 31905945.63 | | 70.70 | |
| 12/25/2019 15:13:26 | | 31400314.86 | | 70.92 | |
| 12/25/2019 16:13:26 | | 30830680.10 | | 70.92 | |
| 12/25/2019 17:13:26 | | 30664269.94 | | 70.70 | |
| 12/25/2019 18:13:26 | | 30062633.22 | | 69.91 | |
| 12/25/2019 19:13:26 | | 29595404.70 | | 69.57 | |
| 12/25/2019 20:13:26 | | 28961766.12 | | 69.12 | |
| 12/25/2019 21:13:26 | | 28609744.64 | | 68.77 | |
| 12/25/2019 22:13:26 | | 30024230.87 | | 68.56 | |
| 12/25/2019 23:13:26 | | 31617928.05 | | 68.32 | |
| 12/26/2019 00:13:26 | | 33352433.91 | | 68.00 | |
| 12/26/2019 01:13:26 | | 34888527.57 | | 67.66 | |
| 12/26/2019 02:13:26 | | 36271011.85 | | 67.42 | |
| 12/26/2019 03:13:26 | | 36847047.01 | | 67.21 | |
| 12/26/2019 04:13:26 | | 36680636.86 | | 66.97 | |
| 12/26/2019 05:13:26 | | 36431021.62 | | 66.87 | |
| 12/26/2019 06:13:26 | | 36181406.38 | | 66.76 | |
| 12/26/2019 07:13:26 | | 35771781.38 | | 66.65 | |
| 12/26/2019 08:13:26 | | 35304552.87 | | 66.42 | |
| 12/26/2019 09:13:26 | | 34971732.65 | | 66.20 | |
| 12/26/2019 10:13:26 | | 34363695.54 | | 67.21 | |
| 12/26/2019 11:13:26 | | 33858064.68 | | 67.77 | |
| 12/26/2019 12:13:26 | | 33461240.46 | | 68.00 | |
| 12/26/2019 13:13:26 | | 33064416.33 | | 69.35 | |
| 12/26/2019 14:13:26 | | 32437178.05 | | 70.02 | |
| 12/26/2019 15:13:26 | | 31829140.94 | | 70.57 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------------|---------------------|--------------|-------|----------------|-------|
| 12/26/2019 | 16:13:26 | 31406715.25 | | 69.57 | |
| 12/26/2019 | 17:13:26 | 30984289.47 | | 69.91 | |
| 12/26/2019 | 18:13:26 | 30465857.83 | | 70.12 | |
| 12/26/2019 | 19:13:26 | 30005029.70 | | 69.91 | |
| 12/26/2019 | 20:13:26 | 29557002.36 | | 69.80 | |
| 12/26/2019 | 21:13:26 | 29096174.33 | | 69.80 | |
| 12/26/2019 | 22:13:26 | 28635346.20 | | 69.67 | |
| 12/26/2019 | 23:13:26 | 30843480.88 | | 69.46 | |
| 12/27/2019 | 00:13:26 | 32443578.44 | | 69.46 | |
| 12/27/2019 | 01:13:26 | 33979672.10 | | 69.35 | |
| 12/27/2019 | 02:13:26 | 35451761.85 | | 69.35 | |
| 12/27/2019 | 03:13:26 | 36661435.68 | | 69.46 | |
| 12/27/2019 | 04:13:26 | 36827845.84 | | 69.22 | |
| 12/27/2019 | 05:13:26 | 36623033.34 | | 68.90 | |
| 12/27/2019 | 06:13:26 | 36399019.67 | | 68.67 | |
| 12/27/2019 | 07:13:26 | 36008595.84 | | 68.77 | |
| 12/27/2019 | 08:13:26 | 35496564.59 | | 67.32 | |
| 12/27/2019 | 09:13:26 | 34939730.70 | | 66.76 | |
| 12/27/2019 | 10:13:26 | 34466101.79 | | 65.86 | |
| 12/27/2019 | 11:13:26 | 33838863.50 | | 68.11 | |
| 12/27/2019 | 12:13:26 | 33410037.33 | | 69.46 | |
| 12/27/2019 | 13:13:26 | 32827601.88 | | 70.12 | |
| 12/27/2019 | 14:13:26 | 32488381.18 | | 69.57 | |
| 12/27/2019 | 15:13:26 | 32021152.66 | | 70.02 | |
| 12/27/2019 | 16:13:26 | 31425916.43 | | 70.36 | |
| 12/27/2019 | 17:13:26 | 30888283.61 | | 69.91 | |
| 12/27/2019 | 18:13:26 | 30369851.97 | | 70.12 | |
| 12/27/2019 | 19:13:26 | 29966627.36 | | 70.02 | |
| 12/27/2019 | 20:13:26 | 29499398.94 | | 69.91 | |
| 12/27/2019 | 21:13:26 | 29019369.64 | | 69.80 | |
| 12/27/2019 | 22:13:26 | 29505799.33 | | 69.46 | |
| 12/27/2019 | 23:13:26 | 30971488.69 | | 69.22 | |
| 12/28/2019 | 00:13:26 | 32571586.25 | | 68.90 | |
| 12/28/2019 | 01:13:26 | 34094879.13 | | 68.56 | |
| 12/28/2019 | 02:13:26 | 35534966.93 | | 68.32 | |
| 12/28/2019 | 03:13:26 | 36802244.28 | | 68.11 | |
| 12/28/2019 | 04:13:26 | 36642234.51 | | 67.87 | |
| 12/28/2019 | 05:13:26 | 36488625.14 | | 67.77 | |
| 12/28/2019 | 06:13:26 | 36264611.46 | | 67.77 | |
| 12/28/2019 | 07:13:26 | 35790982.56 | | 67.66 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|---------------------|---------------------|--------------|-------|----------------|-------|
| 12/28/2019 08:13:26 | | 35586170.05 | | 67.66 | |
| 12/28/2019 09:13:26 | | 34798922.10 | | 67.87 | |
| 12/28/2019 10:13:26 | | 34248488.51 | | 68.45 | |
| 12/28/2019 11:13:26 | | 33435638.89 | | 69.35 | |
| 12/28/2019 12:13:26 | | 33006812.82 | | 70.36 | |
| 12/28/2019 13:13:26 | | 32373174.14 | | 71.26 | |
| 12/28/2019 14:13:26 | | 31835541.33 | | 71.82 | |
| 12/28/2019 15:13:26 | | 31253105.88 | | 72.37 | |
| 12/28/2019 16:13:26 | | 30613066.81 | | 72.61 | |
| 12/28/2019 17:13:26 | | 30203441.81 | | 72.37 | |
| 12/28/2019 18:13:26 | | 29825818.76 | | 71.92 | |
| 12/28/2019 19:13:26 | | 29275385.27 | | 71.47 | |
| 12/28/2019 20:13:26 | | 28846559.09 | | 71.15 | |
| 12/28/2019 21:13:26 | | 29819418.37 | | 70.92 | |
| 12/28/2019 22:13:26 | | 31413115.64 | | 70.92 | |
| 12/28/2019 23:13:26 | | 33058015.94 | | 70.70 | |
| 12/29/2019 00:13:26 | | 34485302.96 | | 70.47 | |
| 12/29/2019 01:13:26 | | 35829384.90 | | 70.36 | |
| 12/29/2019 02:13:26 | | 37064660.29 | | 70.70 | |
| 12/29/2019 03:13:26 | | 36488625.14 | | 70.70 | |
| 12/29/2019 04:13:26 | | 36603832.17 | | 70.81 | |
| 12/29/2019 05:13:26 | | 36399019.67 | | 71.15 | |
| 12/29/2019 06:13:26 | | 36239009.90 | | 71.26 | |
| 12/29/2019 07:13:26 | | 35944591.93 | | 71.15 | |
| 12/29/2019 08:13:26 | | 35624572.40 | | 71.37 | |
| 12/29/2019 09:13:26 | | 34939730.70 | | 71.60 | |
| 12/29/2019 10:13:26 | | 34536506.09 | | 71.82 | |
| 12/29/2019 11:13:26 | | 34050076.40 | | 71.92 | |
| 12/29/2019 12:13:26 | | 33288430.01 | | 72.27 | |
| 12/29/2019 13:13:26 | | 32750797.19 | | 71.60 | |
| 12/29/2019 14:13:26 | | 32110758.13 | | 71.15 | |
| 12/29/2019 15:13:26 | | 31496320.63 | | 70.92 | |
| 12/29/2019 16:13:26 | | 30792277.75 | | 70.70 | |
| 12/29/2019 17:13:26 | | 30293047.28 | | 70.36 | |
| 12/29/2019 18:13:26 | | 29774615.64 | | 70.02 | |
| 12/29/2019 19:13:26 | | 29121775.89 | | 69.46 | |
| 12/29/2019 20:13:26 | | 28507338.39 | | 69.01 | |
| 12/29/2019 21:13:26 | | 30536262.13 | | 68.67 | |
| 12/29/2019 22:13:26 | | 31873943.67 | | 68.22 | |
| 12/29/2019 23:13:26 | | 33294830.40 | | 68.11 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.83

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 12/30/2019 00:13:26 | 34830924.06 | | 68.11 | |
| 12/30/2019 01:13:26 | 36187806.78 | | 68.56 | |
| 12/30/2019 02:13:26 | 36603832.17 | | 69.12 | |
| 12/30/2019 03:13:26 | 36520627.09 | | 69.01 | |
| 12/30/2019 04:13:26 | 36392619.28 | | 68.56 | |
| 12/30/2019 05:13:26 | 36014996.23 | | 68.45 | |
| 12/30/2019 06:13:26 | 35893388.81 | | 67.87 | |
| 12/30/2019 07:13:26 | 35496564.59 | | 67.66 | |
| 12/30/2019 08:13:26 | 35061338.12 | | 66.20 | |
| 12/30/2019 09:13:26 | 34683715.07 | | 66.52 | |
| 12/30/2019 10:13:26 | 34011674.05 | | 66.31 | |
| 12/30/2019 11:13:26 | 33755658.43 | | 65.41 | |
| 12/30/2019 12:13:26 | 33160422.19 | | 65.30 | |
| 12/30/2019 13:13:26 | 32680392.90 | | 64.85 | |
| 12/30/2019 14:13:26 | 32257967.11 | | 65.52 | |
| 12/30/2019 15:13:26 | 31720334.30 | | 65.86 | |
| 12/30/2019 16:13:26 | 31361912.52 | | 65.41 | |
| 12/30/2019 17:13:26 | 30753875.41 | | 65.41 | |
| 12/30/2019 18:13:26 | 30357051.19 | | 65.30 | |
| 12/30/2019 19:13:26 | 29768215.25 | | 65.07 | |
| 12/30/2019 20:13:26 | 29172979.01 | | 64.85 | |
| 12/30/2019 21:13:26 | 28660947.76 | | 64.96 | |
| 12/30/2019 22:13:26 | 29192180.19 | | 64.40 | |
| 12/30/2019 23:13:26 | 30920285.56 | | 64.06 | |
| 12/31/2019 00:13:26 | 32609988.60 | | 63.95 | |
| 12/31/2019 01:13:26 | 34158883.04 | | 63.95 | |
| 12/31/2019 02:13:26 | 35637373.18 | | 63.95 | |
| 12/31/2019 03:13:26 | 36955853.65 | | 63.82 | |
| 12/31/2019 04:13:26 | 36616632.95 | | 63.72 | |
| 12/31/2019 05:13:26 | 36347816.54 | | 63.72 | |
| 12/31/2019 06:13:26 | 36053398.57 | | 63.72 | |
| 12/31/2019 07:13:26 | 35816584.12 | | 63.50 | |
| 12/31/2019 08:13:26 | 35464562.63 | | 63.37 | |
| 12/31/2019 09:13:26 | 34888527.57 | | 63.27 | |
| 12/31/2019 10:13:26 | 34376496.32 | | 63.61 | |
| 12/31/2019 11:13:26 | 33845263.90 | | 63.37 | |
| 12/31/2019 12:13:26 | 33416437.72 | | 63.27 | |
| 12/31/2019 13:13:26 | 32878805.01 | | 63.50 | |
| 12/31/2019 14:13:26 | 32475580.39 | | 63.37 | |
| 12/31/2019 15:13:26 | 31880344.06 | | 63.61 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.83

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 12/31/2019 16:13:26 | 31112297.28 | | 63.37 | |
| 12/31/2019 17:13:26 | 30926685.95 | | 63.05 | |
| 12/31/2019 18:13:26 | 30158639.08 | | 62.82 | |
| 12/31/2019 19:13:26 | 29915424.23 | | 62.60 | |
| 12/31/2019 20:13:26 | 29409793.47 | | 62.47 | |
| 12/31/2019 21:13:26 | 28936164.56 | | 62.26 | |
| 12/31/2019 22:13:26 | 28635346.20 | | 62.02 | |
| 12/31/2019 23:13:26 | 29313787.61 | | 62.15 | |
| 01/01/2020 00:13:26 | 31246705.49 | | 62.15 | |
| 01/01/2020 01:13:26 | 32904406.57 | | 62.02 | |
| 01/01/2020 02:13:26 | 34389297.10 | | 61.92 | |
| 01/01/2020 03:13:26 | 35790982.56 | | 61.92 | |
| 01/01/2020 04:13:26 | 37039058.73 | | 61.92 | |
| 01/01/2020 05:13:26 | 36533427.87 | | 61.92 | |
| 01/01/2020 06:13:26 | 36411820.45 | | 61.92 | |
| 01/01/2020 07:13:26 | 36085400.52 | | 61.57 | |
| 01/01/2020 08:13:26 | 35784582.16 | | 61.02 | |
| 01/01/2020 09:13:26 | 35368556.77 | | 61.36 | |
| 01/01/2020 10:13:26 | 34837324.45 | | 62.15 | |
| 01/01/2020 11:13:26 | 34242088.12 | | 63.61 | |
| 01/01/2020 12:13:26 | 33723656.47 | | 64.96 | |
| 01/01/2020 13:13:26 | 33083617.51 | | 65.52 | |
| 01/01/2020 14:13:26 | 32443578.44 | | 65.86 | |
| 01/01/2020 15:13:26 | 32027553.05 | | 65.52 | |
| 01/01/2020 16:13:26 | 31515521.80 | | 65.30 | |
| 01/01/2020 17:13:26 | 31009891.03 | | 64.85 | |
| 01/01/2020 18:13:26 | 30344250.41 | | 64.06 | |
| 01/01/2020 19:13:26 | 29819418.37 | | 63.72 | |
| 01/01/2020 20:13:26 | 29313787.61 | | 63.27 | |
| 01/01/2020 21:13:26 | 28859359.87 | | 62.82 | |
| 01/01/2020 22:13:26 | 28404932.14 | | 62.82 | |
| 01/01/2020 23:13:26 | 30293047.28 | | 62.82 | |
| 01/02/2020 00:13:26 | 32161961.25 | | 62.92 | |
| 01/02/2020 01:13:26 | 33595648.66 | | 62.71 | |
| 01/02/2020 02:13:26 | 35253349.84 | | 62.82 | |
| 01/02/2020 03:13:26 | 36603832.17 | | 62.71 | |
| 01/02/2020 04:13:26 | 36616632.95 | | 62.47 | |
| 01/02/2020 05:13:26 | 36347816.54 | | 62.26 | |
| 01/02/2020 06:13:26 | 36021396.62 | | 62.37 | |
| 01/02/2020 07:13:26 | 35573369.27 | | 62.92 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------|---------------------|--------------|-------|----------------|-------|
| | 01/02/2020 08:13:26 | 35253349.84 | | 63.27 | |
| | 01/02/2020 09:13:26 | 34914129.13 | | 64.62 | |
| | 01/02/2020 10:13:26 | 34427699.44 | | 65.62 | |
| | 01/02/2020 11:13:26 | 34056476.79 | | 66.42 | |
| | 01/02/2020 12:13:26 | 33749258.04 | | 67.10 | |
| | 01/02/2020 13:13:26 | 33237226.88 | | 65.75 | |
| | 01/02/2020 14:13:26 | 32814801.10 | | 60.57 | |
| | 01/02/2020 15:13:26 | 32385974.93 | | 63.95 | |
| | 01/02/2020 16:13:26 | 31873943.67 | | 65.41 | |
| | 01/02/2020 17:13:26 | 31265906.66 | | 66.31 | |
| | 01/02/2020 18:13:26 | 30971488.69 | | 66.65 | |
| | 01/02/2020 19:13:26 | 30581064.86 | | 66.65 | |
| | 01/02/2020 20:13:26 | 30101035.56 | | 66.65 | |
| | 01/02/2020 21:13:26 | 29448195.81 | | 66.76 | |
| | 01/02/2020 22:13:26 | 29121775.89 | | 66.97 | |
| | 01/02/2020 23:13:26 | 28782555.19 | | 67.10 | |
| | 01/03/2020 00:13:26 | 28584143.08 | | 67.32 | |
| | 01/03/2020 01:13:26 | 28353729.01 | | 67.55 | |
| | 01/03/2020 02:13:26 | 31125098.07 | | 67.66 | |
| | 01/03/2020 03:13:26 | 32789199.54 | | 67.55 | |
| | 01/03/2020 04:13:26 | 34229287.33 | | 67.42 | |
| | 01/03/2020 05:13:26 | 35605371.23 | | 67.32 | |
| | 01/03/2020 06:13:26 | 36693437.64 | | 67.32 | |
| | 01/03/2020 07:13:26 | 36399019.67 | | 67.32 | |
| | 01/03/2020 08:13:26 | 36085400.52 | | 63.16 | |
| | 01/03/2020 09:13:26 | 35643773.57 | | 59.90 | |
| | 01/03/2020 10:13:26 | 35195746.32 | | 63.61 | |
| | 01/03/2020 11:13:26 | 34830924.06 | | 65.62 | |
| | 01/03/2020 12:13:26 | 34357295.15 | | 66.87 | |
| | 01/03/2020 13:13:26 | 34037275.61 | | 67.21 | |
| | 01/03/2020 14:13:26 | 33602049.05 | | 66.87 | |
| | 01/03/2020 15:13:26 | 33230826.49 | | 66.07 | |
| | 01/03/2020 16:13:26 | 32795599.93 | | 66.07 | |
| | 01/03/2020 17:13:26 | 32379574.53 | | 66.76 | |
| | 01/03/2020 18:13:26 | 31720334.30 | | 67.55 | |
| | 01/03/2020 19:13:26 | 31278707.44 | | 68.00 | |
| | 01/03/2020 20:13:26 | 30721873.45 | | 68.11 | |
| | 01/03/2020 21:13:26 | 30325049.23 | | 68.11 | |
| | 01/03/2020 22:13:26 | 29915424.23 | | 67.87 | |
| | 01/03/2020 23:13:26 | 29576203.53 | | 67.55 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------------|---------------------|--------------|-------|----------------|-------|
| 01/04/2020 | 00:13:26 | 29364990.73 | | 67.32 | |
| 01/04/2020 | 01:13:26 | 29089773.94 | | 67.21 | |
| 01/04/2020 | 02:13:26 | 29025770.03 | | 67.10 | |
| 01/04/2020 | 03:13:26 | 28884961.44 | | 66.87 | |
| 01/04/2020 | 04:13:26 | 28724951.67 | | 66.65 | |
| 01/04/2020 | 05:13:26 | 28584143.08 | | 66.31 | |
| 01/04/2020 | 06:13:26 | 28372930.18 | | 65.86 | |
| 01/04/2020 | 07:13:26 | 30222642.98 | | 65.41 | |
| 01/04/2020 | 08:13:26 | 31662730.78 | | 64.72 | |
| 01/04/2020 | 09:13:26 | 32942808.91 | | 64.27 | |
| 01/04/2020 | 10:13:26 | 34203685.77 | | 64.17 | |
| 01/04/2020 | 11:13:26 | 34978133.04 | | 63.72 | |
| 01/04/2020 | 12:13:26 | 35957392.71 | | 63.82 | |
| 01/04/2020 | 13:13:26 | 36635834.12 | | 64.27 | |
| 01/04/2020 | 14:13:26 | 36239009.90 | | 63.95 | |
| 01/04/2020 | 15:13:26 | 35778181.77 | | 64.06 | |
| 01/04/2020 | 16:13:26 | 35349355.60 | | 63.82 | |
| 01/04/2020 | 17:13:26 | 34587709.21 | | 63.27 | |
| 01/04/2020 | 18:13:26 | 34082078.35 | | 62.60 | |
| 01/04/2020 | 19:13:26 | 33538045.14 | | 62.15 | |
| 01/04/2020 | 20:13:26 | 33205224.93 | | 61.92 | |
| 01/04/2020 | 21:13:26 | 32603588.21 | | 61.47 | |
| 01/04/2020 | 22:13:26 | 32270767.89 | | 61.02 | |
| 01/04/2020 | 23:13:26 | 31899545.24 | | 60.91 | |
| 01/05/2020 | 00:13:26 | 31681931.95 | | 60.80 | |
| 01/05/2020 | 01:13:26 | 31457918.38 | | 60.80 | |
| 01/05/2020 | 02:13:26 | 31163500.41 | | 60.67 | |
| 01/05/2020 | 03:13:26 | 31169900.80 | | 60.67 | |
| 01/05/2020 | 04:13:26 | 31048293.38 | | 60.57 | |
| 01/05/2020 | 05:13:26 | 30920285.56 | | 60.01 | |
| 01/05/2020 | 06:13:26 | 30702672.28 | | 59.67 | |
| 01/05/2020 | 07:13:26 | 30581064.86 | | 59.56 | |
| 01/05/2020 | 08:13:26 | 30145838.30 | | 59.22 | |
| 01/05/2020 | 09:13:26 | 29710611.73 | | 59.56 | |
| 01/05/2020 | 10:13:26 | 28923363.78 | | 60.80 | |
| 01/05/2020 | 11:13:26 | 28225721.20 | | 62.47 | |
| 01/05/2020 | 12:13:26 | 30529861.73 | | 63.82 | |
| 01/05/2020 | 13:13:26 | 31541123.36 | | 64.51 | |
| 01/05/2020 | 14:13:26 | 33083617.51 | | 65.07 | |
| 01/05/2020 | 15:13:26 | 34094879.13 | | 65.17 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.83

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 01/05/2020 16:13:26 | 35074138.90 | | 65.17 | |
| 01/05/2020 17:13:26 | 36104601.70 | | 64.85 | |
| 01/05/2020 18:13:26 | 36917451.31 | | 64.27 | |
| 01/05/2020 19:13:26 | 36117402.48 | | 63.82 | |
| 01/05/2020 20:13:26 | 35522166.15 | | 63.50 | |
| 01/05/2020 21:13:26 | 34715717.02 | | 63.27 | |
| 01/05/2020 22:13:26 | 34267689.68 | | 62.82 | |
| 01/05/2020 23:13:26 | 33902867.41 | | 62.47 | |
| 01/06/2020 00:13:26 | 33806861.55 | | 62.37 | |
| 01/06/2020 01:13:26 | 33608449.44 | | 61.92 | |
| 01/06/2020 02:13:26 | 33448439.68 | | 61.36 | |
| 01/06/2020 03:13:26 | 33333232.74 | | 60.91 | |
| 01/06/2020 04:13:26 | 33160422.19 | | 60.35 | |
| 01/06/2020 05:13:26 | 32949209.30 | | 60.01 | |
| 01/06/2020 06:13:26 | 32526783.52 | | 59.45 | |
| 01/06/2020 07:13:26 | 31976349.92 | | 58.87 | |
| 01/06/2020 08:13:26 | 31573125.31 | | 55.27 | |
| 01/06/2020 09:13:26 | 31368312.91 | | 57.07 | |
| 01/06/2020 10:13:26 | 31035492.60 | | 59.11 | |
| 01/06/2020 11:13:26 | 30766676.19 | | 58.21 | |
| 01/06/2020 12:13:26 | 30433855.87 | | 60.57 | |
| 01/06/2020 13:13:26 | 29979428.14 | | 61.47 | |
| 01/06/2020 14:13:26 | 29518600.11 | | 62.02 | |
| 01/06/2020 15:13:26 | 29332988.78 | | 61.81 | |
| 01/06/2020 16:13:26 | 28756953.62 | | 59.22 | |
| 01/06/2020 17:13:26 | 28628945.81 | | 59.22 | |
| 01/06/2020 18:13:26 | 30017830.48 | | 59.77 | |
| 01/06/2020 19:13:26 | 31253105.88 | | 59.77 | |
| 01/06/2020 20:13:26 | 32577986.64 | | 59.32 | |
| 01/06/2020 21:13:26 | 34056476.79 | | 58.87 | |
| 01/06/2020 22:13:26 | 34990933.82 | | 58.55 | |
| 01/06/2020 23:13:26 | 36315814.59 | | 58.32 | |
| 01/07/2020 00:13:26 | 36591031.39 | | 58.55 | |
| 01/07/2020 01:13:26 | 36437422.01 | | 58.66 | |
| 01/07/2020 02:13:26 | 36264611.46 | | 58.21 | |
| 01/07/2020 03:13:26 | 36104601.70 | | 58.42 | |
| 01/07/2020 04:13:26 | 36008595.84 | | 59.22 | |
| 01/07/2020 05:13:26 | 35771781.38 | | 59.67 | |
| 01/07/2020 06:13:26 | 35432560.68 | | 59.77 | |
| 01/07/2020 07:13:26 | 34677314.68 | | 59.56 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 01/07/2020 08:13:26 | 34382896.71 | | 58.32 | |
| 01/07/2020 09:13:26 | 34114080.30 | | 58.21 | |
| 01/07/2020 10:13:26 | 33762058.82 | | 58.21 | |
| 01/07/2020 11:13:26 | 33550845.93 | | 61.70 | |
| 01/07/2020 12:13:26 | 33186023.76 | | 63.50 | |
| 01/07/2020 13:13:26 | 32891605.79 | | 63.16 | |
| 01/07/2020 14:13:26 | 32475580.39 | | 63.82 | |
| 01/07/2020 15:13:26 | 32155560.86 | | 64.06 | |
| 01/07/2020 16:13:26 | 31899545.24 | | 63.95 | |
| 01/07/2020 17:13:26 | 31329910.57 | | 63.72 | |
| 01/07/2020 18:13:26 | 30805078.53 | | 62.92 | |
| 01/07/2020 19:13:26 | 30209842.20 | | 62.26 | |
| 01/07/2020 20:13:26 | 29467396.98 | | 61.70 | |
| 01/07/2020 21:13:26 | 28833758.31 | | 61.25 | |
| 01/07/2020 22:13:26 | 28456135.26 | | 61.12 | |
| 01/07/2020 23:13:26 | 30830680.10 | | 61.36 | |
| 01/08/2020 00:13:26 | 32539584.30 | | 61.47 | |
| 01/08/2020 01:13:26 | 34146082.26 | | 61.25 | |
| 01/08/2020 02:13:26 | 35528566.54 | | 61.25 | |
| 01/08/2020 03:13:26 | 36847047.01 | | 61.25 | |
| 01/08/2020 04:13:26 | 36712638.81 | | 61.36 | |
| 01/08/2020 05:13:26 | 36501425.92 | | 61.12 | |
| 01/08/2020 06:13:26 | 35989394.67 | | 60.80 | |
| 01/08/2020 07:13:26 | 35515765.76 | | 60.57 | |
| 01/08/2020 08:13:26 | 34901328.35 | | 60.12 | |
| 01/08/2020 09:13:26 | 34530105.69 | | 60.35 | |
| 01/08/2020 10:13:26 | 34280490.46 | | 61.12 | |
| 01/08/2020 11:13:26 | 34037275.61 | | 60.46 | |
| 01/08/2020 12:13:26 | 33768459.21 | | 60.91 | |
| 01/08/2020 13:13:26 | 33307631.18 | | 61.25 | |
| 01/08/2020 14:13:26 | 32917207.35 | | 62.37 | |
| 01/08/2020 15:13:26 | 32565185.86 | | 62.82 | |
| 01/08/2020 16:13:26 | 32033953.44 | | 61.92 | |
| 01/08/2020 17:13:26 | 31720334.30 | | 62.37 | |
| 01/08/2020 18:13:26 | 31009891.03 | | 62.02 | |
| 01/08/2020 19:13:26 | 30376252.36 | | 61.47 | |
| 01/08/2020 20:13:26 | 29845019.94 | | 61.02 | |
| 01/08/2020 21:13:26 | 29204980.97 | | 60.57 | |
| 01/08/2020 22:13:26 | 28948965.34 | | 60.22 | |
| 01/08/2020 23:13:26 | 28475336.43 | | 59.90 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time | MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|------------|---------------------|--------------|-------|----------------|-------|
| 01/09/2020 | 00:13:26 | 28481736.82 | | 59.67 | |
| 01/09/2020 | 01:13:26 | 31713933.91 | | 59.56 | |
| 01/09/2020 | 02:13:26 | 33634051.00 | | 59.56 | |
| 01/09/2020 | 03:13:26 | 35438961.07 | | 59.32 | |
| 01/09/2020 | 04:13:26 | 36706238.42 | | 59.22 | |
| 01/09/2020 | 05:13:26 | 36475824.35 | | 59.22 | |
| 01/09/2020 | 06:13:26 | 35899789.20 | | 59.22 | |
| 01/09/2020 | 07:13:26 | 35406959.12 | | 59.45 | |
| 01/09/2020 | 08:13:26 | 35035736.56 | | 59.45 | |
| 01/09/2020 | 09:13:26 | 34690115.46 | | 59.90 | |
| 01/09/2020 | 10:13:26 | 34478902.57 | | 61.92 | |
| 01/09/2020 | 11:13:26 | 34062877.18 | | 64.06 | |
| 01/09/2020 | 12:13:26 | 33698054.91 | | 65.62 | |
| 01/09/2020 | 13:13:26 | 33480441.63 | | 67.10 | |
| 01/09/2020 | 14:13:26 | 33147621.41 | | 67.87 | |
| 01/09/2020 | 15:13:26 | 32737996.41 | | 68.56 | |
| 01/09/2020 | 16:13:26 | 32430777.66 | | 68.77 | |
| 01/09/2020 | 17:13:26 | 31982750.31 | | 68.77 | |
| 01/09/2020 | 18:13:26 | 31553924.14 | | 68.45 | |
| 01/09/2020 | 19:13:26 | 30779476.97 | | 68.45 | |
| 01/09/2020 | 20:13:26 | 30325049.23 | | 68.32 | |
| 01/09/2020 | 21:13:26 | 29768215.25 | | 68.45 | |
| 01/09/2020 | 22:13:26 | 29281785.66 | | 68.67 | |
| 01/09/2020 | 23:13:26 | 29032170.42 | | 68.77 | |
| 01/10/2020 | 00:13:26 | 28808156.75 | | 68.90 | |
| 01/10/2020 | 01:13:26 | 28660947.76 | | 69.12 | |
| 01/10/2020 | 02:13:26 | 30337850.02 | | 69.01 | |
| 01/10/2020 | 03:13:26 | 32008351.88 | | 69.01 | |
| 01/10/2020 | 04:13:26 | 33493242.41 | | 69.22 | |
| 01/10/2020 | 05:13:26 | 34734918.20 | | 69.12 | |
| 01/10/2020 | 06:13:26 | 35637373.18 | | 68.90 | |
| 01/10/2020 | 07:13:26 | 36251810.68 | | 69.01 | |
| 01/10/2020 | 08:13:26 | 36949453.26 | | 69.22 | |
| 01/10/2020 | 09:13:26 | 36770242.32 | | 69.67 | |
| 01/10/2020 | 10:13:26 | 36245410.29 | | 70.25 | |
| 01/10/2020 | 11:13:26 | 36027797.01 | | 70.12 | |
| 01/10/2020 | 12:13:26 | 35835785.29 | | 70.25 | |
| 01/10/2020 | 13:13:26 | 35349355.60 | | 70.36 | |
| 01/10/2020 | 14:13:26 | 34933330.31 | | 69.46 | |
| 01/10/2020 | 15:13:26 | 34530105.69 | | 69.91 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 65.83

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 01/10/2020 16:13:26 | 34216486.55 | | 70.36 | |
| 01/10/2020 17:13:26 | 33755658.43 | | 70.25 | |
| 01/10/2020 18:13:26 | 33333232.74 | | 70.36 | |
| 01/10/2020 19:13:26 | 32853203.44 | | 70.12 | |
| 01/10/2020 20:13:26 | 32213164.38 | | 69.46 | |
| 01/10/2020 21:13:26 | 31777937.81 | | 69.01 | |
| 01/10/2020 22:13:26 | 31566724.92 | | 68.90 | |
| 01/10/2020 23:13:26 | 31182701.58 | | 69.01 | |
| 01/11/2020 00:13:26 | 30977889.08 | | 69.35 | |
| 01/11/2020 01:13:26 | 30741074.63 | | 69.80 | |
| 01/11/2020 02:13:26 | 30657869.55 | | 70.25 | |
| 01/11/2020 03:13:26 | 30497859.78 | | 70.70 | |
| 01/11/2020 04:13:26 | 30376252.36 | | 70.92 | |
| 01/11/2020 05:13:26 | 30203441.81 | | 71.26 | |
| 01/11/2020 06:13:26 | 30030631.26 | | 71.71 | |
| 01/11/2020 07:13:26 | 29915424.23 | | 71.60 | |
| 01/11/2020 08:13:26 | 29371391.12 | | 71.82 | |
| 01/11/2020 09:13:26 | 28840158.70 | | 72.05 | |
| 01/11/2020 10:13:26 | 29742613.68 | | 72.37 | |
| 01/11/2020 11:13:26 | 30843480.88 | | 72.72 | |
| 01/11/2020 12:13:26 | 31944347.97 | | 73.06 | |
| 01/11/2020 13:13:26 | 32987611.65 | | 72.16 | |
| 01/11/2020 14:13:26 | 34088478.74 | | 71.71 | |
| 01/11/2020 15:13:26 | 35323754.04 | | 71.37 | |
| 01/11/2020 16:13:26 | 36053398.57 | | 71.15 | |
| 01/11/2020 17:13:26 | 36847047.01 | | 70.81 | |
| 01/11/2020 18:13:26 | 36661435.68 | | 70.47 | |
| 01/11/2020 19:13:26 | 35880588.02 | | 70.47 | |
| 01/11/2020 20:13:26 | 35317353.65 | | 70.47 | |
| 01/11/2020 21:13:26 | 34971732.65 | | 70.57 | |
| 01/11/2020 22:13:26 | 34555707.26 | | 69.57 | |
| 01/11/2020 23:13:26 | 34203685.77 | | 68.67 | |
| 01/12/2020 00:13:26 | 33941269.76 | | 67.77 | |
| 01/12/2020 01:13:26 | 33768459.21 | | 66.87 | |
| 01/12/2020 02:13:26 | 33666052.96 | | 66.07 | |
| 01/12/2020 03:13:26 | 33518843.97 | | 65.41 | |
| 01/12/2020 04:13:26 | 33518843.97 | | 64.96 | |
| 01/12/2020 05:13:26 | 33326832.35 | | 64.62 | |
| 01/12/2020 06:13:26 | 33141221.02 | | 64.40 | |
| 01/12/2020 07:13:26 | 32949209.30 | | 64.17 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 65.83

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 01/12/2020 08:13:26 | 32750797.19 | | 63.95 | |
| 01/12/2020 09:13:26 | 31969949.53 | | 63.95 | |
| 01/12/2020 10:13:26 | 31387514.08 | | 63.95 | |
| 01/12/2020 11:13:26 | 30689871.50 | | 64.27 | |
| 01/12/2020 12:13:26 | 30133037.51 | | 64.62 | |
| 01/12/2020 13:13:26 | 29512199.72 | | 65.07 | |
| 01/12/2020 14:13:26 | 28929764.17 | | 65.75 | |
| 01/12/2020 15:13:26 | 29499398.94 | | 66.31 | |
| 01/12/2020 16:13:26 | 31105896.89 | | 66.42 | |
| 01/12/2020 17:13:26 | 32411576.49 | | 66.07 | |
| 01/12/2020 18:13:26 | 33518843.97 | | 65.52 | |
| 01/12/2020 19:13:26 | 34709316.63 | | 64.72 | |
| 01/12/2020 20:13:26 | 35880588.02 | | 63.82 | |
| 01/12/2020 21:13:26 | 36949453.26 | | 63.37 | |
| 01/12/2020 22:13:26 | 36207007.95 | | 62.92 | |
| 01/12/2020 23:13:26 | 36008595.84 | | 62.60 | |
| 01/13/2020 00:13:26 | 35746179.82 | | 62.47 | |
| 01/13/2020 01:13:26 | 35496564.59 | | 62.26 | |
| 01/13/2020 02:13:26 | 35381357.55 | | 62.15 | |
| 01/13/2020 03:13:26 | 35266150.62 | | 62.02 | |
| 01/13/2020 04:13:26 | 35067738.51 | | 61.81 | |
| 01/13/2020 05:13:26 | 34901328.35 | | 62.15 | |
| 01/13/2020 06:13:26 | 34421299.05 | | 62.47 | |
| 01/13/2020 07:13:26 | 33864465.07 | | 62.92 | |

#3

Summary

File:

Channel Summary

| Chan | Chan Tag | Chan Type | Eng Units | Max | Min | Total Samples | Average | MKT | Start Time | Stop Time |
|--------|----------|-------------|-----------|-------------|----------|---------------|------------|-------|---------------------|---------------------|
| Chan 1 | Chan 1 | Pressure | kPA | 23566490.00 | 99999.00 | 4541 | 4792012.00 | | 04/18/2019 10:06:18 | 10/24/2019 14:06:18 |
| Chan 2 | Chan 2 | Temperature | Deg F | 96.46 | 38.07 | 4541 | 75.62 | 76.89 | 04/18/2019 10:06:18 | 10/24/2019 14:06:18 |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/01/2019 00:06:18 | 3049532.52 | | 91.40 | |
| 10/01/2019 01:06:18 | 3047188.52 | | 90.16 | |
| 10/01/2019 02:06:18 | 3047188.52 | | 89.02 | |
| 10/01/2019 03:06:18 | 3042500.54 | | 87.91 | |
| 10/01/2019 04:06:18 | 3040156.55 | | 86.77 | |
| 10/01/2019 05:06:18 | 3042500.54 | | 86.11 | |
| 10/01/2019 06:06:18 | 3042500.54 | | 86.22 | |
| 10/01/2019 07:06:18 | 3044844.53 | | 85.87 | |
| 10/01/2019 08:06:18 | 3047188.52 | | 85.32 | |
| 10/01/2019 09:06:18 | 3044844.53 | | 84.76 | |
| 10/01/2019 10:06:18 | 3063596.46 | | 84.42 | |
| 10/01/2019 11:06:18 | 3056564.49 | | 84.52 | |
| 10/01/2019 12:06:18 | 3058908.48 | | 86.00 | |
| 10/01/2019 13:06:18 | 3061252.47 | | 88.25 | |
| 10/01/2019 14:06:18 | 3065940.45 | | 90.37 | |
| 10/01/2019 15:06:18 | 3070628.43 | | 92.75 | |
| 10/01/2019 16:06:18 | 3072972.42 | | 94.42 | |
| 10/01/2019 17:06:18 | 3061252.47 | | 91.72 | |
| 10/01/2019 18:06:18 | 3047188.52 | | 85.21 | |
| 10/01/2019 19:06:18 | 3033124.58 | | 80.47 | |
| 10/01/2019 20:06:18 | 3030780.59 | | 77.32 | |
| 10/01/2019 21:06:18 | 3026092.61 | | 75.76 | |
| 10/01/2019 22:06:18 | 3026092.61 | | 74.97 | |
| 10/01/2019 23:06:18 | 3026092.61 | | 74.62 | |
| 10/02/2019 00:06:18 | 3023748.62 | | 74.41 | |
| 10/02/2019 01:06:18 | 3021404.63 | | 74.52 | |
| 10/02/2019 02:06:18 | 3026092.61 | | 74.62 | |
| 10/02/2019 03:06:18 | 3023748.62 | | 74.86 | |
| 10/02/2019 04:06:18 | 3023748.62 | | 74.97 | |
| 10/02/2019 05:06:18 | 3023748.62 | | 74.97 | |
| 10/02/2019 06:06:18 | 3023748.62 | | 75.07 | |
| 10/02/2019 07:06:18 | 3028436.60 | | 75.42 | |
| 10/02/2019 08:06:18 | 3026092.61 | | 75.42 | |
| 10/02/2019 09:06:18 | 3033124.58 | | 75.52 | |
| 10/02/2019 10:06:18 | 3028436.60 | | 74.75 | |
| 10/02/2019 11:06:18 | 3026092.61 | | 74.07 | |
| 10/02/2019 12:06:18 | 3023748.62 | | 73.85 | |
| 10/02/2019 13:06:18 | 3023748.62 | | 73.96 | |
| 10/02/2019 14:06:18 | 3023748.62 | | 74.52 | |
| 10/02/2019 15:06:18 | 3021404.63 | | 75.42 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/02/2019 16:06:18 | 3023748.62 | | 76.32 | |
| 10/02/2019 17:06:18 | 3021404.63 | | 77.32 | |
| 10/02/2019 18:06:18 | 3021404.63 | | 77.32 | |
| 10/02/2019 19:06:18 | 3023748.62 | | 76.66 | |
| 10/02/2019 20:06:18 | 3023748.62 | | 75.42 | |
| 10/02/2019 21:06:18 | 3023748.62 | | 74.62 | |
| 10/02/2019 22:06:18 | 3019060.64 | | 74.30 | |
| 10/02/2019 23:06:18 | 3019060.64 | | 74.17 | |
| 10/03/2019 00:06:18 | 3021404.63 | | 74.30 | |
| 10/03/2019 01:06:18 | 3021404.63 | | 74.41 | |
| 10/03/2019 02:06:18 | 3023748.62 | | 74.52 | |
| 10/03/2019 03:06:18 | 3021404.63 | | 74.62 | |
| 10/03/2019 04:06:18 | 3021404.63 | | 74.75 | |
| 10/03/2019 05:06:18 | 3023748.62 | | 74.86 | |
| 10/03/2019 06:06:18 | 3026092.61 | | 74.97 | |
| 10/03/2019 07:06:18 | 3026092.61 | | 75.07 | |
| 10/03/2019 08:06:18 | 3028436.60 | | 75.20 | |
| 10/03/2019 09:06:18 | 3042500.54 | | 82.72 | |
| 10/03/2019 10:06:18 | 3047188.52 | | 82.51 | |
| 10/03/2019 11:06:18 | 21215463.93 | | 78.46 | |
| 10/03/2019 12:06:18 | 21304535.58 | | 82.40 | |
| 10/03/2019 13:06:18 | 21229527.88 | | 85.87 | |
| 10/03/2019 14:06:18 | 21585814.56 | | 88.36 | |
| 10/03/2019 15:06:18 | 21353759.48 | | 90.16 | |
| 10/03/2019 16:06:18 | 21285783.65 | | 90.95 | |
| 10/03/2019 17:06:18 | 21405327.28 | | 90.82 | |
| 10/03/2019 18:06:18 | 21424079.20 | | 89.37 | |
| 10/03/2019 19:06:18 | 19185567.58 | | 87.22 | |
| 10/03/2019 20:06:18 | 20010652.51 | | 83.07 | |
| 10/03/2019 21:06:18 | 20542738.50 | | 80.37 | |
| 10/03/2019 22:06:18 | 21229527.88 | | 78.35 | |
| 10/03/2019 23:06:18 | 13644372.53 | | 76.10 | |
| 10/04/2019 00:06:18 | 22052268.82 | | 73.51 | |
| 10/04/2019 01:06:18 | 22631234.62 | | 71.02 | |
| 10/04/2019 02:06:18 | 22889073.70 | | 68.67 | |
| 10/04/2019 03:06:18 | 21703014.10 | | 66.52 | |
| 10/04/2019 04:06:18 | 22087428.68 | | 64.96 | |
| 10/04/2019 05:06:18 | 22256196.01 | | 63.61 | |
| 10/04/2019 06:06:18 | 21154520.17 | | 62.26 | |
| 10/04/2019 07:06:18 | 20542738.50 | | 61.81 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/04/2019 08:06:18 | 20170043.87 | | 60.67 | |
| 10/04/2019 09:06:18 | 20615402.21 | | 60.12 | |
| 10/04/2019 10:06:18 | 20784169.64 | | 61.36 | |
| 10/04/2019 11:06:18 | 20720881.79 | | 63.61 | |
| 10/04/2019 12:06:18 | 11991858.78 | | 66.07 | |
| 10/04/2019 13:06:18 | 23003929.24 | | 68.45 | |
| 10/04/2019 14:06:18 | 21477990.99 | | 70.57 | |
| 10/04/2019 15:06:18 | 21351415.49 | | 72.37 | |
| 10/04/2019 16:06:18 | 22347611.65 | | 73.06 | |
| 10/04/2019 17:06:18 | 21252967.78 | | 72.95 | |
| 10/04/2019 18:06:18 | 20676345.97 | | 72.27 | |
| 10/04/2019 19:06:18 | 21243591.82 | | 69.80 | |
| 10/04/2019 20:06:18 | 21271719.71 | | 66.76 | |
| 10/04/2019 21:06:18 | 20882617.25 | | 63.95 | |
| 10/04/2019 22:06:18 | 11837155.39 | | 62.26 | |
| 10/04/2019 23:06:18 | 21388919.34 | | 60.91 | |
| 10/05/2019 00:06:18 | 20967000.92 | | 60.12 | |
| 10/05/2019 01:06:18 | 21032632.66 | | 58.77 | |
| 10/05/2019 02:06:18 | 13381845.47 | | 57.97 | |
| 10/05/2019 03:06:18 | 21051384.58 | | 57.42 | |
| 10/05/2019 04:06:18 | 21060760.54 | | 56.17 | |
| 10/05/2019 05:06:18 | 20962312.93 | | 55.27 | |
| 10/05/2019 06:06:18 | 20648218.08 | | 54.16 | |
| 10/05/2019 07:06:18 | 13379501.48 | | 53.47 | |
| 10/05/2019 08:06:18 | 20144259.98 | | 52.92 | |
| 10/05/2019 09:06:18 | 18669889.52 | | 54.05 | |
| 10/05/2019 10:06:18 | 20020028.47 | | 57.20 | |
| 10/05/2019 11:06:18 | 18515186.13 | | 61.02 | |
| 10/05/2019 12:06:18 | 18838656.95 | | 65.41 | |
| 10/05/2019 13:06:18 | 19490286.47 | | 69.12 | |
| 10/05/2019 14:06:18 | 20202859.74 | | 72.50 | |
| 10/05/2019 15:06:18 | 19073056.02 | | 75.52 | |
| 10/05/2019 16:06:18 | 13480293.18 | | 77.45 | |
| 10/05/2019 17:06:18 | 20113788.10 | | 78.67 | |
| 10/05/2019 18:06:18 | 20542738.50 | | 78.91 | |
| 10/05/2019 19:06:18 | 21034976.65 | | 76.66 | |
| 10/05/2019 20:06:18 | 21018568.71 | | 72.72 | |
| 10/05/2019 21:06:18 | 21245935.81 | | 69.57 | |
| 10/05/2019 22:06:18 | 21552998.69 | | 66.65 | |
| 10/05/2019 23:06:18 | 21742861.94 | | 64.62 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/06/2019 00:06:18 | 21649102.31 | | 63.61 | |
| 10/06/2019 01:06:18 | 21349071.50 | | 62.60 | |
| 10/06/2019 02:06:18 | 21548310.71 | | 62.92 | |
| 10/06/2019 03:06:18 | 21522526.81 | | 65.75 | |
| 10/06/2019 04:06:18 | 21255311.77 | | 68.11 | |
| 10/06/2019 05:06:18 | 21393607.32 | | 68.90 | |
| 10/06/2019 06:06:18 | 21517838.83 | | 68.77 | |
| 10/06/2019 07:06:18 | 21517838.83 | | 68.56 | |
| 10/06/2019 08:06:18 | 20029404.43 | | 68.00 | |
| 10/06/2019 09:06:18 | 20514610.61 | | 68.77 | |
| 10/06/2019 10:06:18 | 20727913.76 | | 70.57 | |
| 10/06/2019 11:06:18 | 20788857.62 | | 72.27 | |
| 10/06/2019 12:06:18 | 21138112.24 | | 73.72 | |
| 10/06/2019 13:06:18 | 20629466.15 | | 75.31 | |
| 10/06/2019 14:06:18 | 20913089.13 | | 72.95 | |
| 10/06/2019 15:06:18 | 20502890.65 | | 70.47 | |
| 10/06/2019 16:06:18 | 21074824.49 | | 71.26 | |
| 10/06/2019 17:06:18 | 20716193.81 | | 70.70 | |
| 10/06/2019 18:06:18 | 20770105.60 | | 70.36 | |
| 10/06/2019 19:06:18 | 20477106.76 | | 69.91 | |
| 10/06/2019 20:06:18 | 20854489.36 | | 65.30 | |
| 10/06/2019 21:06:18 | 20981064.86 | | 63.72 | |
| 10/06/2019 22:06:18 | 20999816.79 | | 63.61 | |
| 10/06/2019 23:06:18 | 21271719.71 | | 63.37 | |
| 10/07/2019 00:06:18 | 21152176.18 | | 62.47 | |
| 10/07/2019 01:06:18 | 20985752.84 | | 61.12 | |
| 10/07/2019 02:06:18 | 21042008.62 | | 60.57 | |
| 10/07/2019 03:06:18 | 20971688.90 | | 59.56 | |
| 10/07/2019 04:06:18 | 20941217.02 | | 57.65 | |
| 10/07/2019 05:06:18 | 20854489.36 | | 56.86 | |
| 10/07/2019 06:06:18 | 20657594.04 | | 55.96 | |
| 10/07/2019 07:06:18 | 20209891.72 | | 54.82 | |
| 10/07/2019 08:06:18 | 20720881.79 | | 55.27 | |
| 10/07/2019 09:06:18 | 20777137.57 | | 55.40 | |
| 10/07/2019 10:06:18 | 20847457.39 | | 55.06 | |
| 10/07/2019 11:06:18 | 21313911.64 | | 56.17 | |
| 10/07/2019 12:06:18 | 20657594.04 | | 57.31 | |
| 10/07/2019 13:06:18 | 20976376.88 | | 58.55 | |
| 10/07/2019 14:06:18 | 20985752.84 | | 59.45 | |
| 10/07/2019 15:06:18 | 20744321.70 | | 59.90 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/07/2019 16:06:18 | 20908401.15 | | 60.46 | |
| 10/07/2019 17:06:18 | 20805265.56 | | 60.57 | |
| 10/07/2019 18:06:18 | 19996588.56 | | 61.25 | |
| 10/07/2019 19:06:18 | 20812297.53 | | 59.45 | |
| 10/07/2019 20:06:18 | 20967000.92 | | 57.20 | |
| 10/07/2019 21:06:18 | 22110868.58 | | 55.27 | |
| 10/07/2019 22:06:18 | 21058416.55 | | 53.82 | |
| 10/07/2019 23:06:18 | 21194368.02 | | 53.26 | |
| 10/08/2019 00:06:18 | 21065448.53 | | 51.46 | |
| 10/08/2019 01:06:18 | 21147488.20 | | 50.56 | |
| 10/08/2019 02:06:18 | 20957624.95 | | 50.00 | |
| 10/08/2019 03:06:18 | 20859177.34 | | 49.55 | |
| 10/08/2019 04:06:18 | 20840425.42 | | 49.66 | |
| 10/08/2019 05:06:18 | 20734945.74 | | 50.22 | |
| 10/08/2019 06:06:18 | 20338811.30 | | 50.00 | |
| 10/08/2019 07:06:18 | 20212235.71 | | 51.12 | |
| 10/08/2019 08:06:18 | 20416163.00 | | 52.25 | |
| 10/08/2019 09:06:18 | 20545082.49 | | 53.26 | |
| 10/08/2019 10:06:18 | 13923307.43 | | 54.61 | |
| 10/08/2019 11:06:18 | 19619205.96 | | 56.97 | |
| 10/08/2019 12:06:18 | 20699785.88 | | 61.25 | |
| 10/08/2019 13:06:18 | 20411475.02 | | 64.51 | |
| 10/08/2019 14:06:18 | 21149832.19 | | 66.97 | |
| 10/08/2019 15:06:18 | 13414661.34 | | 68.00 | |
| 10/08/2019 16:06:18 | 20922465.09 | | 69.01 | |
| 10/08/2019 17:06:18 | 20957624.95 | | 69.12 | |
| 10/08/2019 18:06:18 | 20791201.61 | | 68.56 | |
| 10/08/2019 19:06:18 | 20840425.42 | | 65.86 | |
| 10/08/2019 20:06:18 | 20805265.56 | | 63.05 | |
| 10/08/2019 21:06:18 | 20819329.50 | | 62.02 | |
| 10/08/2019 22:06:18 | 20866209.31 | | 61.47 | |
| 10/08/2019 23:06:18 | 20863865.32 | | 60.35 | |
| 10/09/2019 00:06:18 | 22788282.00 | | 59.77 | |
| 10/09/2019 01:06:18 | 21473303.01 | | 59.00 | |
| 10/09/2019 02:06:18 | 21365479.44 | | 58.55 | |
| 10/09/2019 03:06:18 | 21309223.66 | | 57.97 | |
| 10/09/2019 04:06:18 | 21217807.92 | | 58.87 | |
| 10/09/2019 05:06:18 | 21128736.28 | | 58.87 | |
| 10/09/2019 06:06:18 | 20798233.58 | | 57.31 | |
| 10/09/2019 07:06:18 | 20523986.57 | | 57.31 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/09/2019 08:06:18 | 20988096.83 | | 58.10 | |
| 10/09/2019 09:06:18 | 20472418.78 | | 59.56 | |
| 10/09/2019 10:06:18 | 20720881.79 | | 58.42 | |
| 10/09/2019 11:06:18 | 20784169.64 | | 60.12 | |
| 10/09/2019 12:06:18 | 20833393.44 | | 61.25 | |
| 10/09/2019 13:06:18 | 13806107.89 | | 62.71 | |
| 10/09/2019 14:06:18 | 20906057.16 | | 64.06 | |
| 10/09/2019 15:06:18 | 21142800.22 | | 64.72 | |
| 10/09/2019 16:06:18 | 21135768.25 | | 65.17 | |
| 10/09/2019 17:06:18 | 20807609.55 | | 65.17 | |
| 10/09/2019 18:06:18 | 20549770.47 | | 64.72 | |
| 10/09/2019 19:06:18 | 20538050.52 | | 64.17 | |
| 10/09/2019 20:06:18 | 20109100.12 | | 63.61 | |
| 10/09/2019 21:06:18 | 20427882.95 | | 63.05 | |
| 10/09/2019 22:06:18 | 20638842.12 | | 62.60 | |
| 10/09/2019 23:06:18 | 20423194.97 | | 61.57 | |
| 10/10/2019 00:06:18 | 20819329.50 | | 61.81 | |
| 10/10/2019 01:06:18 | 20849801.38 | | 60.80 | |
| 10/10/2019 02:06:18 | 20613058.22 | | 61.02 | |
| 10/10/2019 03:06:18 | 20704473.86 | | 60.80 | |
| 10/10/2019 04:06:18 | 20688065.92 | | 60.80 | |
| 10/10/2019 05:06:18 | 20613058.22 | | 60.46 | |
| 10/10/2019 06:06:18 | 20298963.46 | | 59.56 | |
| 10/10/2019 07:06:18 | 19991900.58 | | 60.80 | |
| 10/10/2019 08:06:18 | 20467730.79 | | 60.46 | |
| 10/10/2019 09:06:18 | 20362251.21 | | 61.02 | |
| 10/10/2019 10:06:18 | 20772449.59 | | 62.47 | |
| 10/10/2019 11:06:18 | 20308339.43 | | 66.42 | |
| 10/10/2019 12:06:18 | 20608370.24 | | 70.81 | |
| 10/10/2019 13:06:18 | 20617746.20 | | 73.27 | |
| 10/10/2019 14:06:18 | 20917777.11 | | 75.42 | |
| 10/10/2019 15:06:18 | 20767761.61 | | 76.10 | |
| 10/10/2019 16:06:18 | 20727913.76 | | 77.67 | |
| 10/10/2019 17:06:18 | 20978720.87 | | 77.90 | |
| 10/10/2019 18:06:18 | 20460698.82 | | 77.22 | |
| 10/10/2019 19:06:18 | 21016224.72 | | 74.75 | |
| 10/10/2019 20:06:18 | 20746665.69 | | 71.26 | |
| 10/10/2019 21:06:18 | 20952936.97 | | 69.35 | |
| 10/10/2019 22:06:18 | 20662282.02 | | 66.52 | |
| 10/10/2019 23:06:18 | 20997472.79 | | 65.52 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/11/2019 00:06:18 | 21109984.35 | | 64.96 | |
| 10/11/2019 01:06:18 | 20852145.37 | | 64.40 | |
| 10/11/2019 02:06:18 | 21046696.60 | | 63.82 | |
| 10/11/2019 03:06:18 | 19171503.63 | | 63.27 | |
| 10/11/2019 04:06:18 | 21034976.65 | | 62.92 | |
| 10/11/2019 05:06:18 | 21081856.46 | | 63.16 | |
| 10/11/2019 06:06:18 | 20488826.71 | | 63.16 | |
| 10/11/2019 07:06:18 | 20385691.12 | | 62.92 | |
| 10/11/2019 08:06:18 | 20268491.58 | | 62.60 | |
| 10/11/2019 09:06:18 | 19968460.67 | | 62.82 | |
| 10/11/2019 10:06:18 | 19937988.79 | | 65.97 | |
| 10/11/2019 11:06:18 | 19954396.73 | | 69.67 | |
| 10/11/2019 12:06:18 | 20249739.56 | | 73.17 | |
| 10/11/2019 13:06:18 | 13006806.96 | | 73.40 | |
| 10/11/2019 14:06:18 | 20031748.42 | | 75.07 | |
| 10/11/2019 15:06:18 | 19377774.91 | | 74.86 | |
| 10/11/2019 16:06:18 | 20781825.65 | | 76.32 | |
| 10/11/2019 17:06:18 | 20777137.57 | | 75.97 | |
| 10/11/2019 18:06:18 | 20622434.18 | | 75.20 | |
| 10/11/2019 19:06:18 | 20697441.88 | | 73.62 | |
| 10/11/2019 20:06:18 | 13953779.41 | | 70.81 | |
| 10/11/2019 21:06:18 | 20704473.86 | | 69.35 | |
| 10/11/2019 22:06:18 | 21006848.76 | | 65.41 | |
| 10/11/2019 23:06:18 | 21100608.39 | | 55.72 | |
| 10/12/2019 00:06:18 | 21152176.18 | | 53.15 | |
| 10/12/2019 01:06:18 | 20577898.36 | | 51.12 | |
| 10/12/2019 02:06:18 | 13184950.25 | | 50.11 | |
| 10/12/2019 03:06:18 | 20657594.04 | | 48.76 | |
| 10/12/2019 04:06:18 | 20570866.39 | | 47.52 | |
| 10/12/2019 05:06:18 | 20622434.18 | | 46.27 | |
| 10/12/2019 06:06:18 | 20467730.79 | | 44.71 | |
| 10/12/2019 07:06:18 | 20383347.13 | | 43.02 | |
| 10/12/2019 08:06:18 | 20137228.00 | | 41.22 | |
| 10/12/2019 09:06:18 | 18674577.50 | | 42.22 | |
| 10/12/2019 10:06:18 | 13728756.20 | | 45.50 | |
| 10/12/2019 11:06:18 | 20167699.88 | | 48.07 | |
| 10/12/2019 12:06:18 | 20289587.50 | | 50.11 | |
| 10/12/2019 13:06:18 | 20010652.51 | | 52.25 | |
| 10/12/2019 14:06:18 | 17181455.22 | | 54.16 | |
| 10/12/2019 15:06:18 | 13175574.29 | | 56.07 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/12/2019 16:06:18 | 19619205.96 | | 57.07 | |
| 10/12/2019 17:06:18 | 20430226.94 | | 57.20 | |
| 10/12/2019 18:06:18 | 9336116.80 | | 57.07 | |
| 10/12/2019 19:06:18 | 17608061.53 | | 55.40 | |
| 10/12/2019 20:06:18 | 20967000.92 | | 51.91 | |
| 10/12/2019 21:06:18 | 20880273.26 | | 48.76 | |
| 10/12/2019 22:06:18 | 21030288.67 | | 46.62 | |
| 10/12/2019 23:06:18 | 21196712.01 | | 44.47 | |
| 10/13/2019 00:06:18 | 13295117.82 | | 43.47 | |
| 10/13/2019 01:06:18 | 20931841.05 | | 42.67 | |
| 10/13/2019 02:06:18 | 20734945.74 | | 41.67 | |
| 10/13/2019 03:06:18 | 20655250.05 | | 40.55 | |
| 10/13/2019 04:06:18 | 20734945.74 | | 39.76 | |
| 10/13/2019 05:06:18 | 20681033.95 | | 39.20 | |
| 10/13/2019 06:06:18 | 20664626.01 | | 39.20 | |
| 10/13/2019 07:06:18 | 20584930.33 | | 38.52 | |
| 10/13/2019 08:06:18 | 20029404.43 | | 38.07 | |
| 10/13/2019 09:06:18 | 20688065.92 | | 39.42 | |
| 10/13/2019 10:06:18 | 19056648.09 | | 46.27 | |
| 10/13/2019 11:06:18 | 20245051.58 | | 53.60 | |
| 10/13/2019 12:06:18 | 18062795.82 | | 57.76 | |
| 10/13/2019 13:06:18 | 19312143.17 | | 59.90 | |
| 10/13/2019 14:06:18 | 20078628.24 | | 61.92 | |
| 10/13/2019 15:06:18 | 23146912.68 | | 64.06 | |
| 10/13/2019 16:06:18 | 11541812.46 | | 65.30 | |
| 10/13/2019 17:06:18 | 19148063.72 | | 65.62 | |
| 10/13/2019 18:06:18 | 20343499.29 | | 65.30 | |
| 10/13/2019 19:06:18 | 20388035.11 | | 62.92 | |
| 10/13/2019 20:06:18 | 20261459.61 | | 59.11 | |
| 10/13/2019 21:06:18 | 20720881.79 | | 57.20 | |
| 10/13/2019 22:06:18 | 20840425.42 | | 55.06 | |
| 10/13/2019 23:06:18 | 20908401.15 | | 53.02 | |
| 10/14/2019 00:06:18 | 21065448.53 | | 52.81 | |
| 10/14/2019 01:06:18 | 21039664.63 | | 52.81 | |
| 10/14/2019 02:06:18 | 21034976.65 | | 51.80 | |
| 10/14/2019 03:06:18 | 20606026.25 | | 51.01 | |
| 10/14/2019 04:06:18 | 20488826.71 | | 49.77 | |
| 10/14/2019 05:06:18 | 20282555.53 | | 49.32 | |
| 10/14/2019 06:06:18 | 20287243.51 | | 48.31 | |
| 10/14/2019 07:06:18 | 19300423.22 | | 47.07 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/14/2019 08:06:18 | 20523986.57 | | 46.27 | |
| 10/14/2019 09:06:18 | 21410015.26 | | 48.42 | |
| 10/14/2019 10:06:18 | 20727913.76 | | 52.92 | |
| 10/14/2019 11:06:18 | 20582586.34 | | 56.75 | |
| 10/14/2019 12:06:18 | 20723225.78 | | 60.67 | |
| 10/14/2019 13:06:18 | 20301307.45 | | 63.61 | |
| 10/14/2019 14:06:18 | 20458354.83 | | 65.75 | |
| 10/14/2019 15:06:18 | 20819329.50 | | 66.97 | |
| 10/14/2019 16:06:18 | 20704473.86 | | 67.77 | |
| 10/14/2019 17:06:18 | 22914857.60 | | 67.55 | |
| 10/14/2019 18:06:18 | 20390379.10 | | 66.97 | |
| 10/14/2019 19:06:18 | 20545082.49 | | 63.72 | |
| 10/14/2019 20:06:18 | 20681033.95 | | 59.56 | |
| 10/14/2019 21:06:18 | 20725569.77 | | 55.96 | |
| 10/14/2019 22:06:18 | 20971688.90 | | 53.47 | |
| 10/14/2019 23:06:18 | 17783860.93 | | 51.80 | |
| 10/15/2019 00:06:18 | 20974032.89 | | 49.32 | |
| 10/15/2019 01:06:18 | 20875585.28 | | 48.07 | |
| 10/15/2019 02:06:18 | 20962312.93 | | 47.30 | |
| 10/15/2019 03:06:18 | 21009192.75 | | 45.82 | |
| 10/15/2019 04:06:18 | 20969344.91 | | 45.61 | |
| 10/15/2019 05:06:18 | 20845113.40 | | 44.60 | |
| 10/15/2019 06:06:18 | 20751353.67 | | 43.81 | |
| 10/15/2019 07:06:18 | 20509922.63 | | 43.70 | |
| 10/15/2019 08:06:18 | 20751353.67 | | 43.25 | |
| 10/15/2019 09:06:18 | 13956123.40 | | 44.60 | |
| 10/15/2019 10:06:18 | 11368357.15 | | 50.90 | |
| 10/15/2019 11:06:18 | 20444290.89 | | 59.00 | |
| 10/15/2019 12:06:18 | 20533362.53 | | 64.27 | |
| 10/15/2019 13:06:18 | 21395951.32 | | 68.32 | |
| 10/15/2019 14:06:18 | 21182648.06 | | 70.47 | |
| 10/15/2019 15:06:18 | 20800577.57 | | 70.92 | |
| 10/15/2019 16:06:18 | 20802921.57 | | 71.26 | |
| 10/15/2019 17:06:18 | 20432570.93 | | 71.02 | |
| 10/15/2019 18:06:18 | 20233331.62 | | 70.47 | |
| 10/15/2019 19:06:18 | 20369283.18 | | 68.90 | |
| 10/15/2019 20:06:18 | 20205203.74 | | 66.65 | |
| 10/15/2019 21:06:18 | 20268491.58 | | 64.96 | |
| 10/15/2019 22:06:18 | 20355219.24 | | 63.95 | |
| 10/15/2019 23:06:18 | 20420850.98 | | 63.72 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/16/2019 00:06:18 | 20669314.00 | | 63.50 | |
| 10/16/2019 01:06:18 | 20711505.83 | | 63.61 | |
| 10/16/2019 02:06:18 | 20772449.59 | | 61.36 | |
| 10/16/2019 03:06:18 | 20638842.12 | | 60.91 | |
| 10/16/2019 04:06:18 | 20434914.92 | | 60.80 | |
| 10/16/2019 05:06:18 | 20425538.96 | | 55.85 | |
| 10/16/2019 06:06:18 | 19429342.71 | | 52.70 | |
| 10/16/2019 07:06:18 | 19452782.62 | | 50.90 | |
| 10/16/2019 08:06:18 | 20266147.59 | | 50.32 | |
| 10/16/2019 09:06:18 | 18819905.02 | | 49.10 | |
| 10/16/2019 10:06:18 | 12969303.11 | | 50.67 | |
| 10/16/2019 11:06:18 | 20062220.30 | | 52.02 | |
| 10/16/2019 12:06:18 | 20364595.20 | | 52.57 | |
| 10/16/2019 13:06:18 | 20427882.95 | | 53.26 | |
| 10/16/2019 14:06:18 | 18641761.63 | | 52.70 | |
| 10/16/2019 15:06:18 | 20816985.51 | | 52.36 | |
| 10/16/2019 16:06:18 | 11691827.87 | | 51.67 | |
| 10/16/2019 17:06:18 | 20409131.03 | | 52.02 | |
| 10/16/2019 18:06:18 | 20835737.44 | | 51.57 | |
| 10/16/2019 19:06:18 | 20835737.44 | | 51.12 | |
| 10/16/2019 20:06:18 | 20934185.05 | | 50.56 | |
| 10/16/2019 21:06:18 | 20807609.55 | | 50.22 | |
| 10/16/2019 22:06:18 | 21013880.73 | | 50.00 | |
| 10/16/2019 23:06:18 | 21213119.94 | | 49.66 | |
| 10/17/2019 00:06:18 | 21215463.93 | | 47.62 | |
| 10/17/2019 01:06:18 | 21269375.72 | | 45.50 | |
| 10/17/2019 02:06:18 | 21224839.90 | | 43.92 | |
| 10/17/2019 03:06:18 | 21206087.97 | | 42.91 | |
| 10/17/2019 04:06:18 | 21084200.45 | | 42.67 | |
| 10/17/2019 05:06:18 | 21065448.53 | | 42.35 | |
| 10/17/2019 06:06:18 | 20927153.07 | | 41.90 | |
| 10/17/2019 07:06:18 | 20741977.71 | | 41.22 | |
| 10/17/2019 08:06:18 | 20824017.48 | | 40.21 | |
| 10/17/2019 09:06:18 | 14070978.94 | | 41.45 | |
| 10/17/2019 10:06:18 | 20718537.80 | | 45.82 | |
| 10/17/2019 11:06:18 | 23566487.11 | | 50.11 | |
| 10/17/2019 12:06:18 | 20737289.73 | | 53.37 | |
| 10/17/2019 13:06:18 | 20641186.11 | | 56.17 | |
| 10/17/2019 14:06:18 | 20978720.87 | | 57.52 | |
| 10/17/2019 15:06:18 | 20779481.56 | | 58.21 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/17/2019 16:06:18 | 20924809.08 | | 58.32 | |
| 10/17/2019 17:06:18 | 20540394.51 | | 58.42 | |
| 10/17/2019 18:06:18 | 18376890.68 | | 58.10 | |
| 10/17/2019 19:06:18 | 19506694.40 | | 55.62 | |
| 10/17/2019 20:06:18 | 20498202.67 | | 52.12 | |
| 10/17/2019 21:06:18 | 19708277.60 | | 49.66 | |
| 10/17/2019 22:06:18 | 20629466.15 | | 47.97 | |
| 10/17/2019 23:06:18 | 20749009.68 | | 46.62 | |
| 10/18/2019 00:06:18 | 20889649.22 | | 45.37 | |
| 10/18/2019 01:06:18 | 20802921.57 | | 43.81 | |
| 10/18/2019 02:06:18 | 20706817.85 | | 43.02 | |
| 10/18/2019 03:06:18 | 20734945.74 | | 42.22 | |
| 10/18/2019 04:06:18 | 20601338.27 | | 41.22 | |
| 10/18/2019 05:06:18 | 20362251.21 | | 40.32 | |
| 10/18/2019 06:06:18 | 19082431.98 | | 39.52 | |
| 10/18/2019 07:06:18 | 18172963.49 | | 38.86 | |
| 10/18/2019 08:06:18 | 19872357.05 | | 39.31 | |
| 10/18/2019 09:06:18 | 20193483.78 | | 39.65 | |
| 10/18/2019 10:06:18 | 20397411.07 | | 44.37 | |
| 10/18/2019 11:06:18 | 20481794.74 | | 50.00 | |
| 10/18/2019 12:06:18 | 20770105.60 | | 54.61 | |
| 10/18/2019 13:06:18 | 20819329.50 | | 57.65 | |
| 10/18/2019 14:06:18 | 20734945.74 | | 59.67 | |
| 10/18/2019 15:06:18 | 20772449.59 | | 61.12 | |
| 10/18/2019 16:06:18 | 20542738.50 | | 61.70 | |
| 10/18/2019 17:06:18 | 20957624.95 | | 61.81 | |
| 10/18/2019 18:06:18 | 20697441.88 | | 61.25 | |
| 10/18/2019 19:06:18 | 20690409.91 | | 58.42 | |
| 10/18/2019 20:06:18 | 20716193.81 | | 54.50 | |
| 10/18/2019 21:06:18 | 20884961.24 | | 51.80 | |
| 10/18/2019 22:06:18 | 20936529.04 | | 49.21 | |
| 10/18/2019 23:06:18 | 20812297.53 | | 47.52 | |
| 10/19/2019 00:06:18 | 20870897.30 | | 46.51 | |
| 10/19/2019 01:06:18 | 20964656.92 | | 45.37 | |
| 10/19/2019 02:06:18 | 20969344.91 | | 44.47 | |
| 10/19/2019 03:06:18 | 20936529.04 | | 43.57 | |
| 10/19/2019 04:06:18 | 20988096.83 | | 42.46 | |
| 10/19/2019 05:06:18 | 20863865.32 | | 41.77 | |
| 10/19/2019 06:06:18 | 20741977.71 | | 41.11 | |
| 10/19/2019 07:06:18 | 20338811.30 | | 40.32 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/19/2019 08:06:18 | 20313027.41 | | 39.76 | |
| 10/19/2019 09:06:18 | 19813757.28 | | 41.11 | |
| 10/19/2019 10:06:18 | 18838656.95 | | 45.16 | |
| 10/19/2019 11:06:18 | 19593422.06 | | 53.92 | |
| 10/19/2019 12:06:18 | 19258231.39 | | 57.42 | |
| 10/19/2019 13:06:18 | 19396526.84 | | 62.15 | |
| 10/19/2019 14:06:18 | 19607486.00 | | 66.42 | |
| 10/19/2019 15:06:18 | 19370742.94 | | 67.42 | |
| 10/19/2019 16:06:18 | 16893144.26 | | 68.56 | |
| 10/19/2019 17:06:18 | 19998932.55 | | 68.56 | |
| 10/19/2019 18:06:18 | 20584930.33 | | 68.22 | |
| 10/19/2019 19:06:18 | 20481794.74 | | 65.75 | |
| 10/19/2019 20:06:18 | 20584930.33 | | 63.50 | |
| 10/19/2019 21:06:18 | 20739633.72 | | 62.47 | |
| 10/19/2019 22:06:18 | 20709161.84 | | 61.92 | |
| 10/19/2019 23:06:18 | 20760729.63 | | 61.81 | |
| 10/20/2019 00:06:18 | 20786513.63 | | 62.02 | |
| 10/20/2019 01:06:18 | 20725569.77 | | 62.37 | |
| 10/20/2019 02:06:18 | 20751353.67 | | 62.60 | |
| 10/20/2019 03:06:18 | 20702129.87 | | 62.15 | |
| 10/20/2019 04:06:18 | 20666970.01 | | 61.57 | |
| 10/20/2019 05:06:18 | 20666970.01 | | 61.57 | |
| 10/20/2019 06:06:18 | 20556802.44 | | 62.47 | |
| 10/20/2019 07:06:18 | 20106756.13 | | 61.92 | |
| 10/20/2019 08:06:18 | 20662282.02 | | 62.60 | |
| 10/20/2019 09:06:18 | 20495858.68 | | 62.47 | |
| 10/20/2019 10:06:18 | 20294275.48 | | 62.92 | |
| 10/20/2019 11:06:18 | 20413819.01 | | 64.85 | |
| 10/20/2019 12:06:18 | 20657594.04 | | 66.31 | |
| 10/20/2019 13:06:18 | 20437258.91 | | 68.22 | |
| 10/20/2019 14:06:18 | 20577898.36 | | 70.12 | |
| 10/20/2019 15:06:18 | 20657594.04 | | 72.82 | |
| 10/20/2019 16:06:18 | 20045812.37 | | 73.72 | |
| 10/20/2019 17:06:18 | 20505234.65 | | 73.27 | |
| 10/20/2019 18:06:18 | 19434030.69 | | 71.15 | |
| 10/20/2019 19:06:18 | 18976952.40 | | 68.11 | |
| 10/20/2019 20:06:18 | 20580242.35 | | 65.30 | |
| 10/20/2019 21:06:18 | 20542738.50 | | 63.72 | |
| 10/20/2019 22:06:18 | 20732601.75 | | 62.82 | |
| 10/20/2019 23:06:18 | 20833393.44 | | 61.81 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144 Gas Constant: 0.0083144 MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/21/2019 00:06:18 | 20816985.51 | | 60.80 | |
| 10/21/2019 01:06:18 | 20826361.47 | | 60.22 | |
| 10/21/2019 02:06:18 | 20589618.31 | | 60.12 | |
| 10/21/2019 03:06:18 | 20509922.63 | | 60.35 | |
| 10/21/2019 04:06:18 | 20249739.56 | | 58.55 | |
| 10/21/2019 05:06:18 | 20627122.16 | | 58.66 | |
| 10/21/2019 06:06:18 | 20395067.08 | | 58.32 | |
| 10/21/2019 07:06:18 | 20233331.62 | | 57.65 | |
| 10/21/2019 08:06:18 | 20085660.21 | | 57.52 | |
| 10/21/2019 09:06:18 | 20083316.22 | | 59.32 | |
| 10/21/2019 10:06:18 | 20097380.16 | | 62.60 | |
| 10/21/2019 11:06:18 | 19975492.64 | | 65.75 | |
| 10/21/2019 12:06:18 | 20765417.62 | | 68.32 | |
| 10/21/2019 13:06:18 | 20718537.80 | | 70.47 | |
| 10/21/2019 14:06:18 | 20627122.16 | | 73.85 | |
| 10/21/2019 15:06:18 | 20549770.47 | | 76.32 | |
| 10/21/2019 16:06:18 | 20727913.76 | | 74.07 | |
| 10/21/2019 17:06:18 | 20437258.91 | | 68.90 | |
| 10/21/2019 18:06:18 | 20172387.87 | | 65.97 | |
| 10/21/2019 19:06:18 | 20345843.28 | | 64.51 | |
| 10/21/2019 20:06:18 | 20219267.68 | | 63.05 | |
| 10/21/2019 21:06:18 | 20479450.75 | | 62.15 | |
| 10/21/2019 22:06:18 | 20711505.83 | | 61.81 | |
| 10/21/2019 23:06:18 | 21051384.58 | | 61.92 | |
| 10/22/2019 00:06:18 | 21058416.55 | | 62.02 | |
| 10/22/2019 01:06:18 | 21044352.61 | | 61.81 | |
| 10/22/2019 02:06:18 | 21121704.30 | | 60.91 | |
| 10/22/2019 03:06:18 | 21056072.56 | | 60.22 | |
| 10/22/2019 04:06:18 | 21011536.74 | | 59.45 | |
| 10/22/2019 05:06:18 | 20988096.83 | | 59.22 | |
| 10/22/2019 06:06:18 | 20770105.60 | | 58.66 | |
| 10/22/2019 07:06:18 | 20146603.97 | | 57.07 | |
| 10/22/2019 08:06:18 | 20378659.15 | | 55.72 | |
| 10/22/2019 09:06:18 | 20784169.64 | | 55.96 | |
| 10/22/2019 10:06:18 | 20657594.04 | | 57.65 | |
| 10/22/2019 11:06:18 | 21473303.01 | | 60.46 | |
| 10/22/2019 12:06:18 | 22024140.93 | | 60.91 | |
| 10/22/2019 13:06:18 | 21327975.58 | | 62.26 | |
| 10/22/2019 14:06:18 | 2658085.97 | | 72.61 | |
| 10/22/2019 15:06:18 | 2636990.05 | | 75.97 | |

Data Table - Pressure Logger

File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/22/2019 16:06:18 | 2583078.26 | | 77.77 | |
| 10/22/2019 17:06:18 | 2571358.31 | | 79.25 | |
| 10/22/2019 18:06:18 | 2578390.28 | | 77.90 | |
| 10/22/2019 19:06:18 | 2585422.25 | | 76.10 | |
| 10/22/2019 20:06:18 | 2594798.22 | | 74.62 | |
| 10/22/2019 21:06:18 | 2604174.18 | | 73.40 | |
| 10/22/2019 22:06:18 | 2613550.14 | | 72.37 | |
| 10/22/2019 23:06:18 | 2622926.11 | | 71.47 | |
| 10/23/2019 00:06:18 | 2622926.11 | | 70.57 | |
| 10/23/2019 01:06:18 | 2627614.09 | | 69.91 | |
| 10/23/2019 02:06:18 | 2627614.09 | | 69.22 | |
| 10/23/2019 03:06:18 | 2634646.06 | | 68.56 | |
| 10/23/2019 04:06:18 | 2636990.05 | | 68.00 | |
| 10/23/2019 05:06:18 | 2644022.02 | | 67.42 | |
| 10/23/2019 06:06:18 | 2615894.13 | | 66.87 | |
| 10/23/2019 07:06:18 | 2618238.12 | | 66.42 | |
| 10/23/2019 08:06:18 | 2620582.12 | | 65.86 | |
| 10/23/2019 09:06:18 | 2648710.00 | | 67.42 | |
| 10/23/2019 10:06:18 | 2639334.04 | | 70.70 | |
| 10/23/2019 11:06:18 | 2625270.10 | | 73.40 | |
| 10/23/2019 12:06:18 | 2615894.13 | | 74.30 | |
| 10/23/2019 13:06:18 | 2615894.13 | | 74.30 | |
| 10/23/2019 14:06:18 | 2611206.15 | | 74.52 | |
| 10/23/2019 15:06:18 | 2587766.25 | | 75.65 | |
| 10/23/2019 16:06:18 | 2564326.34 | | 77.32 | |
| 10/23/2019 17:06:18 | 2545574.41 | | 78.35 | |
| 10/23/2019 18:06:18 | 2540886.43 | | 77.22 | |
| 10/23/2019 19:06:18 | 2552606.38 | | 75.42 | |
| 10/23/2019 20:06:18 | 2561982.35 | | 74.07 | |
| 10/23/2019 21:06:18 | 2561982.35 | | 72.82 | |
| 10/23/2019 22:06:18 | 2564326.34 | | 71.82 | |
| 10/23/2019 23:06:18 | 2566670.33 | | 70.81 | |
| 10/24/2019 00:06:18 | 2571358.31 | | 70.02 | |
| 10/24/2019 01:06:18 | 2569014.32 | | 69.22 | |
| 10/24/2019 02:06:18 | 2571358.31 | | 68.56 | |
| 10/24/2019 03:06:18 | 2576046.29 | | 68.11 | |
| 10/24/2019 04:06:18 | 2571358.31 | | 67.66 | |
| 10/24/2019 05:06:18 | 2578390.28 | | 67.21 | |
| 10/24/2019 06:06:18 | 2576046.29 | | 66.76 | |
| 10/24/2019 07:06:18 | 2571358.31 | | 66.42 | |

Data Table - Pressure Logger

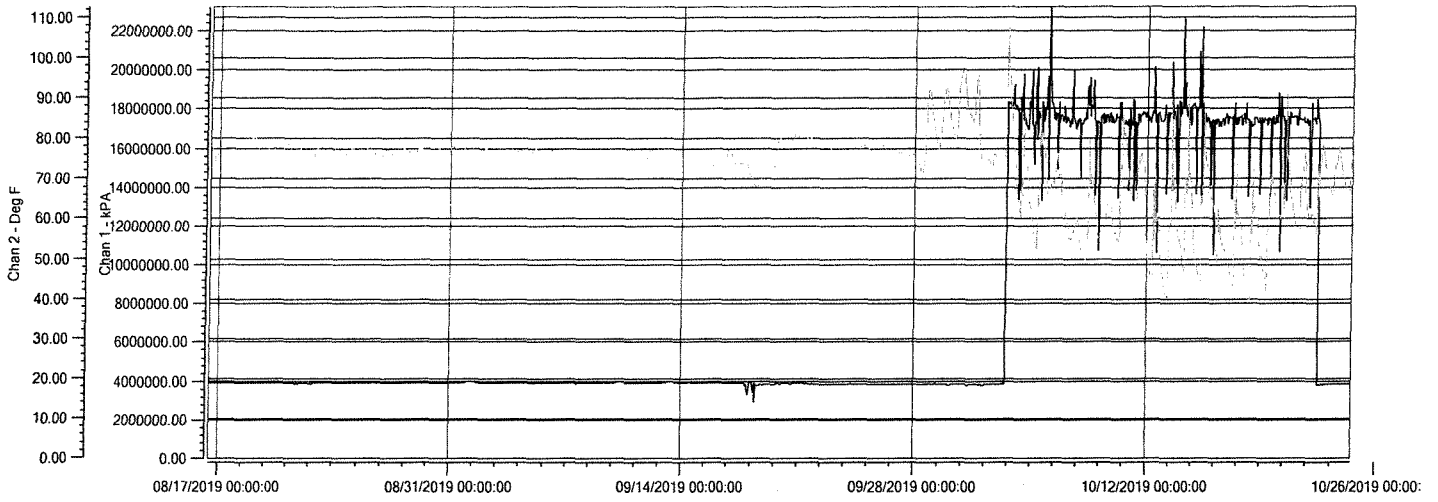
File:

Heat of Activation: 83.144

Gas Constant: 0.0083144

MKT = 66.92

| Time MM/dd/yyyy hh:mm:ss | Chan 1 - kPA | Alm 1 | Chan 2 - Deg F | Alm 2 |
|--------------------------|--------------|-------|----------------|-------|
| 10/24/2019 08:06:18 | 2576046.29 | | 65.97 | |
| 10/24/2019 09:06:18 | 2559638.36 | | 68.00 | |
| 10/24/2019 10:06:18 | 2545574.41 | | 70.92 | |
| 10/24/2019 11:06:18 | 2512758.54 | | 73.85 | |
| 10/24/2019 12:06:18 | 2505726.57 | | 75.07 | |
| 10/24/2019 13:06:18 | 2501038.59 | | 75.42 | |
| 10/24/2019 14:06:18 | 2486974.64 | | 76.32 | |



Data Date: 08/16/2019 11:11:12

Unit Tag: Pressure Logger

File:

Serial Number: 3405914B0 Absolute Pressure

Robert #3

Leaks and Flushing

| Leaks | | | | | Flushing | | | | | |
|------------|-------------------------|-----------|-----|------------|-----------------|------------|-----------------------|-----------------------|---------|-------|
| Date | Address | Pipe Size | BW? | Water Loss | | Date | Address | Mins | Gallons | |
| 11/18/13 | 1660 Evergreen | 12 | | 250,000 | | 1/9/2014 | End of S. Benson | 24 | 12000 | |
| 11/23/13 | 500 Ninevah | 6 | | 125,000 | | 1/17/2014 | End of S. Benson | 15 | 7500 | |
| 12/03/13 | 870 Evergreen | 12 | | 200,000 | | 1/17/2014 | End of S. Benson | 15 | 7500 | |
| 12/10/13 | 143 Schofield | 1.5 | | 10,000 | | 1/23/2014 | 2025 Evergreen | 28 | 14000 | |
| 01/09/14 | 2727 Lawrenceburg Rd. | 6 | | 125,000 | | 2/12/2014 | 2300 Green Wilson | 18 | 1800 | |
| 01/17/14 | 1755 South Benson | 6 and 3 | BW | 200,000 | | 6/18/2014 | End of Cherry Ln | 37 | 18500 | |
| 01/22/14 | 1215 Foxwood | 4 | | 10,000 | Hydrant Leaking | | 7/15/2014 | End of Cherry Ln | 28 | 14000 |
| 01/23/14 | 2799 Evergreen | 12 | BW | 150,000 | | 8/10/2014 | End of Jones Lane | 63 | 6300 | |
| 02/12/14 | 2300 Green Wilson | 4 | BW | 200,000 | | 8/18/2014 | End of Crawford Road | 35 | 3500 | |
| 03/11/14 | 50 Deerland | 3 | | 12,000 | | 9/10/2014 | End of Erin Way | 115 | 11500 | |
| 05/19/14 | 67 Michael | 3 | | 5,000 | | 9/10/2014 | End of Jones Lane | 48 | 4800 | |
| 05/21/14 | 126 Brentlawn | 2 | | 10,000 | | 9/12/2014 | Corner of Cedar Crest | | | |
| 06/03/14 | 2880 Hwy 151 | 0.75 | | 60,000 | | | and Briarpatch | 30 | 12000 | |
| 06/12/14 | 121 Clearwater | 3 | | 1,000 | | 9/12/2014 | 229 Briarpatch | 25 | 10000 | |
| 06/12/14 | South Benson Brad Peach | 3 | | 50,000 | | 9/12/2014 | 409 Briarpatch | 12 | 4800 | |
| 06/18/14 | 221 Farmers | 6 | | 50,000 | Split | | 9/15/2014 | Entance to Earthhaven | 28 | 8400 |
| 06/20/14 | 1911 Old Lburg Rd | 0.75 | | 10,000 | | 9/15/2014 | End of Pioneer Creek | 17 | 1700 | |
| 06/25/14 | 985 Green Wilson | 0.75 | | 5,000 | | 9/15/2014 | End of 1472 | 33 | 3300 | |
| 06/30/14 | 151 Avenstoke | 0.75 | | 5,000 | | 9/16/2014 | End of 1472 | 38 | 3800 | |
| 06/30/14 | 985 South Benson | 0.75 | | 15,000 | Leak under road | | 9/23/2014 | 1006 Crawford Rd | 30 | 3000 |
| 07/07/14 | 200 Avenstoke | 1 and .75 | | 20,000 | | 9/26/2014 | End of Crawford Road | 22 | 2200 | |
| 07/08/14 | 108 Ravenwood | 0.75 | | 5,000 | | 10/22/2014 | 1075 Tamworth | 10 | 5000 | |
| 07/15/14 | 237 Cherry Lane | 6 | BW | 10,000 | Hydrant Leaking | | 10/22/2014 | 1050 Tamworth | 12 | 6000 |
| 07/15/14 | 106 Cherrywood | 0.75 | | 5,000 | | 10/22/2014 | 1006 Tamworth | 11 | 5500 | |
| 07/30/14 | 115 Lynnwood | 3 | | 5,000 | Hydrant Broken | | 10/22/2014 | 100 Consumer | 10 | 5000 |
| 08/10/14 | 395 Jones Lane | 4 | BW | 20,000 | Split | | 10/22/2014 | End of Consumer | 8 | 4000 |
| 08/18/14 | 1955 South Benson | 0.75 | | 1,000 | Split | | 10/22/2014 | End of St. James | 10 | 5000 |
| 08/27/14 | 116 Furrow Lane | 3 | BW | 2,500 | T Blew out | | 10/22/2014 | 1047 Devane | 5 | 2000 |
| 9/9/2014 | 2951 Lawrenceburg Rd | 6 | BW | 22,500 | Hit | | 10/22/2014 | 1019 Devane | 5 | 2000 |
| 9/15/2014 | 5170 127 | 0.75 | | 1,000 | | 10/22/2014 | 2039 Hampsted | 8 | 40000 | |
| 9/15/2014 | 1501 Hickory Ridge | 4 | BW | 24,000 | Hit | | 10/22/2014 | 1037 Aderly | 7 | 3500 |
| 9/22/2014 | 1010 Avenstoke | 2 | | | Hit | | 10/22/2014 | 1038 Tyburn | 10 | 5000 |
| 9/24/2014 | 774 Avenstoke | 4 | | | Hit FCRD | | 10/22/2014 | 1019 Tyburn | 12 | 6000 |
| 10/17/2014 | 1175 Old L'burg Road | 3 | | 648,000 | Guardrail post | | 10/22/2014 | 1002 Tyburn | 12 | 6000 |
| 10/21/2014 | 101 Brentlawn | 0.75 | | 1,000 | | 10/22/2014 | South end of Aderly | 10 | 5000 | |

Leaks and Flushing

| Leaks | | | | Flushing | | | | |
|------------|-------------------------|-----------|-----|------------|------------|----------------------|------|---------|
| | Address | Pipe Size | BW? | Water Loss | Date | Address | Mins | Gallons |
| 11/20/2014 | 262 Cherry Lane | 6 | BW | 15000 | 10/22/2014 | 2250 Lawrenceburg Rc | 12 | 6000 |
| 11/21/2014 | 1061 Avenstoke | 0.75 | | 7000 | 10/23/2014 | 900 Stoney Creek | 15 | 7500 |
| 11/23/2014 | 2559 Evergreen | 12 | BW | 75000 | 10/23/2014 | 110 Shallow Brook | 14 | 7000 |
| 11/25/2014 | 1020 Evergreen | 12 | | 45000 | 10/23/2014 | 206 Glen Brook | 12 | 6000 |
| | Farmdale Baptist Church | 2 | | 75 | 10/23/2014 | 305 Cedar Brook | 12 | 6000 |
| 12/23/2014 | 1704 Evergren Rd | 12 | BW | 150000 | 10/23/2014 | 2136 Crystal Creek | 22 | 11000 |
| | | | | | 10/23/2014 | 1033 Silver Creek | 14 | 7000 |
| | | | | | 10/23/2014 | 389 Old Lawrenceburg | 28 | 2800 |
| | | | | | 10/23/2014 | 110 Highview | 13 | 1300 |
| | | | | | 10/23/2014 | 1110 Highview | 24 | 2400 |
| | | | | | 10/23/2014 | 184 Travis Circle | 25 | 2500 |
| | | | | | 10/23/2014 | Big Eddy Beach Rd | 15 | 1500 |
| | | | | | 10/23/2014 | 209 Big Eddy | 15 | 7500 |
| | | | | | 11/20/2014 | 290 Cherry Lane | 28 | 1400 |
| | | | | | 11/23/2014 | 2265 Evergreen | 12 | 6000 |
| | | | | | 11/23/2014 | Easy Street | 18 | 1800 |
| | | | | | 11/23/2014 | 2691 Evergreen | 23 | 11500 |
| | | | | | 11/24/2014 | End of Adams Ln | 28 | 2800 |
| | | | | | 11/24/2014 | 2225 Old L'burg Rd | 17 | 8500 |
| | | | | | 11/25/2014 | Evergreen | 14 | 7000 |
| | | | | | 11/26/2014 | 1188 Schofield | 11 | 1100 |
| | | | | | 11/26/2014 | End of Adams Ln | 18 | 1800 |
| | | | | | 12/23/2014 | | | |
| | | | | | 12/23/2014 | | | |
| | | | | | 12/23/2014 | | | |
| | | | | | 12/23/2014 | | | |
| | | | | | 12/23/2014 | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | January | Monthly Line Break Log | | | | | | |
|----------------------------------|---------------------------------|------------------------|-------------|---------------------|---------------|-----------|----------------|-------------------------|
| Year | 2015 | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause |
| 1/12/2015 | 3875 Evergreen Road | 800 | 6.5 Hours | 25 | BW | 12 | 150,000 | Joint Blew out |
| 1/12/2015 | 1454 Green Wilson | 1600 | 2 | 1 | | 0.75 | 6,000 | Coupling blew out |
| 1/13/2015 | 900 Schofield | 800 | 1.5 | 25 Cows | | 0.75 | 1,000 | Pinhole |
| 1/14/2015 | 2610 Cardwell Lane | 800 | 2.5 | 0 | Water not off | 3 | 1,000 | Pinhole |
| 1/20/2015 | Twilight Trail & Old H' burg Rd | 800 | 4 | 0 | Water not off | 10 | 1,000 | MJ 90 and valve Leaking |
| 1/21/2015 | 108 Edgewood | 800 | 3.5 | 1 | | 0.75 | 1,000 | Pinhole |
| 1/21/2015 | 110 Furrow | 1300 | 2.5 | 1 | | 1 | 1,000 | Split |
| 1/23/2015 | 243 River Valley Road | 800 | 3 | 0 | | 0.75 | 1,000 | Split |
| Line Break Loss for Month | | | | | | | 162,000 | |

Farmdale Water District
Monthly Line Break Log

| Month | | Monthly Line Break Log | | | | | | | | |
|----------------------------------|-------------------|------------------------|-------------|---------------------|-------------|-----------|----------------|-------------------|-------------------------------------|-------------------------|
| Year | | 2015 | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Date & Time Disinfectant Discovered | Date & Time BacTs Taken |
| 4/9/2015 | 114 Ravenwood | 8:00 | 2 | 1 | | 0.75 | 1,200 | Lightening | | |
| 4/16/2015 | 2951 L'burg Rd | 10:30 | 2.5 | 27 | Yes | 6" AC | 75,000 | Hit by BP Pipe | 4/16/15 13:00 | 4/17/15 8:30 |
| 4/20/2015 | 448 Ninevah Rd | 12:00 | 2 | 1 | No | 0.75 | 12,000 | Flared pulled out | | |
| 4/22/2015 | 1296 Green Wilson | 15:30 | 4.5 | 220 | Yes | 4 AC | 175,000 | Exposed | 4/22/15 20:30 | 4/23/2015 |
| 4/24/2015 | 1296 Green Wilson | 13:00 | 2.5 | 220 | Yes | 4 AC | 175,000 | Lowered line | 4/24/15 15:30 | 4/27/2015 |
| Line Break Loss for Month | | | | | | | 438,200 | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | Date & Time | Date & Time |
|----------------------------------|---------------|------------------------|-------------|---------------------|-------------|-----------|---------------|---------------------|-------------------------|-------------|-------------|
| | May | | | | | | | | | | |
| | 2015 | | | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | BacTs Taken | |
| 5/11/2015 | 165 Michael | 8:45 | 1 | 1 | No | 3 | 10,000 | Crack | | | |
| 5/11/2015 | Ninevah Road | 10:00 | 1 | 1 | No | 1 | 1,000 | Hit by Mike Cummins | | | |
| 5/18/2015 | Cardwell Lane | 8:15 | 3 | 1 | No | 4.00 | 1,000 | Hydrant Leaking | | | |
| Line Break Loss for Month | | | | | | | 12,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | June | Monthly Line Break Log | | | | | | | | Date & Time | |
|----------------------------------|-------------------|------------------------|-------------|---------------------|-------------|-----------|----------------|-------|--|--------------|--------------|
| Year | 2015 | | | | | | | | | Disinfectant | Date & Time |
| | | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | | Discovered | BacTs Taken |
| 6/14/2015 | 305 South Benson | 19:15 | 4.5 | 70 | Yes | 3 | 75,000 | Crack | | 6/14/15 0:00 | 6/15/15 0:00 |
| 6/24/2015 | 200 Avenstoke | 8:45 | 1 | 1 | No | 0.75 | 15,000 | Split | | | |
| 6/25/2015 | 215 Hahn | 8:45 | 1.5 | 1 | No | 0.75 | 1,500 | Split | | | |
| 6/30/2015 | 2069 Green Wilson | 8:30 | 2.5 | 1 | No | 0.75 | 10,500 | Split | | | |
| Line Break Loss for Month | | | | | | | 102,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month Year | | Monthly Line Break Log | | | | | | | | Date & Time Disinfectant | Date & Time BacTs Taken |
|----------------------------------|-------------------|------------------------|----------------|------------------------|-------------|-----------|---------------|--------------------|-----------|-----------------------------|----------------------------|
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | | | |
| 7/7/2015 | 129 Brentlawn | 13:00 | 2.5 | 1 | No | 0.75 | 10,000 | Brittle line split | | | |
| 7/17/2015 | 101 Furrow | | | 1 | No | 0.75 | 10,000 | Brittle line split | | | |
| 7/20/2015 | 1409 Green Wilson | | | 1 | No | 1.00 | 10,000 | Brittle line split | | | |
| 7/23/2015 | 280 South Benson | 16:30 | 3.5 | 48 | Yes | 3 | 40,000 | Hit by Star Const | 7/23/2015 | 7/24/2015 | |
| Line Break Loss for Month | | | | | | | 70,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | September | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|---------------------|------------|-------------|------------------------|-------------|-----------|----------------|-------------------------|-------------------------|-------------------------|--------------|-------------|
| Year | | 2015 | | | | | | | | | Disinfectant | Date & Time |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken | | |
| 10/11/2015 | 350 Soluth Benson | 14:30 | 4.5 | 1 | No | 0.75 | 1,000 | Brittle | | | | |
| 10/12/2015 | 2071 Cardwell | 8:00 | 3.5 | 0 | No | 6 | 5,000 | Joint Leaking | | | | |
| 10/15/2015 | S. of 810 S. Benson | 8:00 | 1.5 | 0 | No | 3.00 | 10,000 | Hole in brittle pipe | | | | |
| 10/30/2015 | 220 Cedarwood | 9:00 | 4 | 46 | Yes | 6 | 50,000 | Hit by Bluegrass Energy | 10/30/15 | 10/31/15 | | |
| 10/30/2015 | 2300 Green Wilson | 9:00 | 4 | 65 | Yes | 4 | 75,000 | Hole in brittle pipe | 10/30/15 | 10/31/15 | | |
| Line Break Loss for Month | | | | | | | 141,000 | | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Monthly Line Break Log | | | | | | | | |
|----------------------------------|------------------|------------------------|-------------|---------------------|-------------|-----------|---------------|-------------|-------------------------------------|-------------------------|
| Year | | | | | | | | | | |
| September | | | | | | | | | | |
| 2015 | | | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Date & Time Disinfectant Discovered | Date & Time BacTs Taken |
| 9/4/2015 | South Benson | 7:12 | 1 Hr | 0 | No | 3 | 25,000 | Hit by Star | | |
| 9/8/2015 | 3000 Hwy 151 | 8:00 | 4 days | 1 | No | 1 | 25,000 | Split | | |
| 9/7/2015 | 421 Michael Blvd | 9:00 | 3 | 1 | No | 0.75 | 10,000 | Split | | |
| 9/14/2015 | 101 Rock Creek | 8:00 | 3 | 1 | No | 0.75 | 1,000 | Split | | |
| 9/16/2015 | South Benson | 11:00 | 3.5 | 56 | Yes | 6 | | Hit by Star | | |
| 9/16/2015 | South Benson | 16:00 | 6.5 | 56 | Yes | 6 | | Hit by Star | | |
| Line Break Loss for Month | | | | | | | 61,000 | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | | |
|------------|------------------|------------------------|-------------|---------------------|-------------|-----------|----------------------------------|---------------|-------------------------|-------------------------|--|
| November | 2015 | | | | | | | | | Date & Time | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken | |
| 11/25/2015 | 751 Avenstoke Rd | 8:30 | 4.5 | 68 | Yes | 4 PVC | 35,000 | Crack | 11/25/2015 | 11/27/2015 | |
| | | | | | | | Line Break Loss for Month | 35,000 | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|---------------|------------|-------------|------------------------|-------------|-----------|---------------|--------------------|-------------------------|-------------------------|-------------|--|
| December | | 2015 | | | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken | | |
| 12/6/2015 | 100 Iron Dr | 0:00 | 3.5 | 1 | N | 1 | 12,000 | Fitting Pulled Out | | | | |
| 12/19/2015 | 450 Avenstoke | 8:30 | 4.5 | 1 | N | 0.75 | 4,800 | Brittle split | | | | |
| Line Break Loss for Month | | | | | | | 16,800 | | | | | |

Farmdale Water District
Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | Date & Time | |
|----------------------------------|------------------|------------------------|-------------|---------------------|-------------|-----------|---------------|-------|------------|--------------|-------------|
| April | 2016 | | | | | | | | | Disinfectant | Date & Time |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Discovered | BacTs Taken | |
| 4/18/2016 | 107 Ravenwood | 8:00 | 1.5 | 0 | No | 2 | 1,000 | crack | | | |
| 5/3/2016 | 240 Creekside | 13:00 | 0:00 | 161 | Yes | 3 | 25,000 | crack | | | |
| 5/3/2016 | 540 Michael Blvd | 8:00 | 3.5 | 0 | No | 3.00 | 15,000 | crack | | | |
| Line Break Loss for Month | | | | | | | 41,000 | | | | |

Farmdale Water District
Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | |
|----------------------------------|-------------|------------------------|-------------|---------------------|-------------|-----------|------------|--------------------|-------------------------------------|-------------------------|
| August | 2016 | | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Date & Time Disinfectant Discovered | Date & Time BacTs Taken |
| 8/6/2016 | 309 Wash Rd | 7:00 | 6.5 | 26 | Yes | 0.75 | 25,000 | Split Brittle Line | 8/6/2016 | 8/7/2016 |
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| Line Break Loss for Month | | | | | | | 25,000 | | | |

Farmdale Water District
Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | Date & Time | |
|----------------------------------|---------------------|------------------------|-------------|---------------------|-------------|-----------|----------------|-------------------------|------------|--------------|-------------|
| September | 2016 | | | | | | | | | Disinfectant | Date & Time |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Discovered | BacTs Taken | |
| 9/5/2016 | 350 South Benson | 8:30 | 2 | | No | 0.75 | | | | | |
| 9/13/2016 | 205 South Benson | 9:00 | 2 | | No | 0.75 | | | | | |
| 9/15/2016 | 810 South Benson | 8:30 | 3 | | No | 0.75 | | | | | |
| 9/21/2016 | 4 Threau | 4:30 | | 1 | No | 4pvc | | | | | |
| 9/23/2016 | 125 Lynnwood | 8:00 | 3 | | No | 0.75 | | | | | |
| 9/28/2016 | 2366 Evergeen | 10:00 | 2 | 1 | No | 0.75 | | | | | |
| 9/28/2016 | 2808 Hwy 151 | 15:30 | 3 | | No | 4 pvc | 60,000 | Hit by Bluegrass Energy | | | |
| 9/30/2016 | 336 Old Harrodsburg | 12:30 | 3 | 0 | No | 6 ac | 50,000 | Crack | | | |
| Line Break Loss for Month | | | | | | | 110,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | Date & Time | |
|----------------------------------|-----------------|------------|-------------|------------------------|-------------|-----------|---------------|-----------------|------------|--------------|-------------|
| November | | 2016 | | | | | | | | Disinfectant | Date & Time |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Discovered | BacTs Taken | |
| 11/16/2016 | End of Edgewood | 8:00 | 3 | 120 | Y | 3 | 10,000 | Replace Hydrant | | | |
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| Line Break Loss for Month | | | | | | | 10,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | | | |
|---------------------------|----------------------|------------|-------------|------------------------|-------------|-----------|------------|------------------|------------------------|-------------------------|--|--|--|
| December | | 2016 | | | | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Date & Time Discovered | Date & Time BacTs Taken | | | |
| 12/6/2016 | Elmwood & Cherrywood | 8:00 | 3 | 120 | Y | 3 | 10,000 | Replaced Hydrant | | | | | |
| 12/20/2016 | 500 Evergreen | 10:00 | 0:00 | 30 | Y | 12 | 1,500 | Tee Leaking | | | | | |
| Line Break Loss for Month | | | | | | | 11,500 | | | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|------------------------|------------|-------------|------------------------|-------------|-----------|--------------|-------|------------|-------------|--------------|-------------|
| January | | 2017 | | | | | | | | | Disinfectant | Date & Time |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Discovered | BacTs Taken | | |
| 1/23/2017 | 260 Old Harrodsburg Rd | 8:00 | 2 | 1 | N | 0.75 | 1,500 | Split | | | | |
| Line Break Loss for Month | | | | | | | 1,500 | | | | | |

Farmdale Water District
Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | Date & Time |
|----------------------------------|----------------------|------------|-------------|------------------------|-------------|-----------|--------------|-------|--|--------------|-------------|-------------|
| February | | 2017 | | | | | | | | Disinfectant | BacTs Taken | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | | | | |
| 2/1/2017 | Brentlawn & S Benson | 9:00 | 4 | 0 | No | 3 | 1,500 | Split | | | | |
| 2/6/2017 | 142 Mills | 9:00 | 0:00 | 1 | No | 0.75 | 1,000 | Split | | | | |
| Line Break Loss for Month | | | | | | | 2,500 | | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|-----------------|-------|------|------------------------|-------------|---------------------|-------------|-----------|------------|-------|-------------------------|-------------------------|
| March | | 2017 | | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken |
| 3/9/2017 | 202 Cherry Lane | 8:00 | 2 | 1 | No | 0.75 | | | | | | |
| 3/9/2017 | 204 Darbywood | 13:00 | 0:00 | 1 | No | 0.75 | | | | | | |
| Line Break Loss for Month | | | | | | | | | | 0 | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|--------------------|------------|-------------|------------------------|-------------|-----------|---------------|----------------------------|------------|-------------|--------------|-------------|
| April | | 2017 | | | | | | | | | Disinfectant | Date & Time |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Discovered | BacTs Taken | | |
| 4/10/2017 | Hwy 151 | 8:00 | 3 | 0 | No | 2 | 10,000 | Glue Joint Leaking | | | | |
| 4/11/2017 | 105 Highwood | 8:00 | 1 | 1 | No | 0.75 | 1,000 | Split | | | | |
| 4/24/2017 | 2288 Cardwell Lane | 9:00 | 3 | 1 | No | 0.75 | 2,000 | Split | | | | |
| 4/27/2017 | Old L'burg Road | 13:30 | 2 | 12 | Yes | 2 | 25,000 | Hit by Dept Transportation | | | | |
| Line Break Loss for Month | | | | | | | 38,000 | | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|----------------|------------|-------------|------------------------|--|-------------|-----------|--------------|-------|------------|-------------------------|--|
| May | | 2017 | | | | | | | | | Disinfectant | |
| Date | Location | Time Found | Repair Time | Population Affected | | Boil Water? | Line Size | Water Loss | Cause | Discovered | Date & Time BacTs Taken | |
| 5/16/2017 | 100 Edgewood | 8:00 | 2 | 1 | | No | 0.75 | 1,000 | Split | | | |
| 5/30/2017 | 212 Brookfield | 8:00 | 3 | 0 | | No | 3 | 1,000 | Split | | | |
| 5/31/2017 | 222 Creekside | 8:00 | 4 | 0 | | No | 3.00 | 1,000 | Split | | | |
| Line Break Loss for Month | | | | | | | | 3,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | Date & Time | |
|----------------------------------|---------------------|------------------------|-------------|---------------------|-------------|-----------|---------------|------------------------|-------------------------|-------------------------|--|
| June | 2017 | | | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken | |
| 6/1/2017 | 100 Cherry Lane | 8:00 | 3 | 0 | No | 1 | 5,000 | Split | | | |
| 6/18/2017 | 404 Greenfields | 12:00 | 4 | 18 | Yes | 6 & 4 | 50,000 | Hydrant Blew out | | 6/20/2017 | |
| 6/19/2017 | 271 Iron Drive | 9:30 | 4 | 26 | Yes | 3.00 | 3,000 | Hydrant Blew out | | 6/20/2017 | |
| 6/22/2017 | End of Green Wilson | 10:00 | 5 | 250 | Yes | 4 | 1,000 | Installed bypass meter | | 6/24/17 | |
| Line Break Loss for Month | | | | | | | 59,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|--------------|------------|-------------|------------------------|-------------|-----------|---------------|------------------------|-------------------------|-------------------------|-------------|--|
| June | July | | 2017 | | | | | | | | | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken | | |
| 7/12/2017 | Mills Lane | 10:00 | 4 | 122 | Yes | 6 | 10,000 | Installed bypass meter | | | | |
| 7/13/2017 | South Benson | 11:00 | 3 | 24 | Yes | 6 | 10,000 | Installed bypass meter | | | | |
| 7/26/2017 | Avenstoke | 11:30 | 3 | 94 | Yes | 4.00 | 25,000 | Installed bypass meter | | | | |
| Line Break Loss for Month | | | | | | | 45,000 | | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | Date & Time | | |
|----------------------------------|------|------------------------|-------------------|------------|-------------|---------------------|-------------|-----------|---------------|-------------|--------------|-------------------------|
| August | 2017 | Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant | Date & Time BacTs Taken |
| | | 8/7/2017 | 2005 Green Wilson | 11:00 | 3 | 1 | No | 0.75 | 1,500 | Crack | | |
| | | 8/11/2017 | 87 Fawn Dr | 8:00 | 2 | 1 | No | 0.75 | 1,000 | Split | | |
| | | 8/24/2017 | 219 Hahn Dr | 8:30 | 6 | 8 | Yes | 6.00 | 28,000 | Crack | | 8/25/2017 |
| | | 8/29/2017 | 669 Mills Lane | 10:00 | 2 | 1 | No | 0.75 | 1,000 | Split | | |
| Line Break Loss for Month | | | | | | | | | 31,500 | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|----------------------------------|-----------------|------------|-------------|------------------------|-------------|-----------|---------------|----------------------------|------------|-------------------------|--------------|--|
| September | | 2017 | | | | | | | | | Disinfectant | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Discovered | Date & Time BacTs Taken | | |
| 9/1/2017 | 801 Ninevah | | | | | 0.75 | | Split | | | | |
| 9/9/2017 | 127 Holt Farm | 8:00 | 4 | 1 | No | 2 | 25,000 | Hit | | | | |
| 9/18/2017 | 151 & Avenstoke | 8:00 | 3 | 1 | No | 1.00 | 5,000 | Split | | | | |
| 9/21/2017 | 112 Edgewood | 8:00 | 3 | 1 | No | 0.75 | 1,000 | Split | | | | |
| 9/26/2017 | BFI | 11:00 | 0:00 | 0 | No | 0.75 | 25,000 | Water on at inactive meter | | | | |
| 9/27/2017 | 2267 Cardwell | 8:00 | 3 | 1 | No | 0.75 | 1,000 | Split | | | | |
| Line Break Loss for Month | | | | | | | 57,000 | | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | | Date & Time | |
|---------------------------|-----------------------|------|---|------------------------|-------------|---------------------|-------------|----------------|------------|-------|-------------------------|-------------------------|
| October | | 2017 | | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken |
| 10/17/2017 | 414 Erin Way | 8:00 | 4 | 0 | No | 1 | 2,500 | Split | | | | |
| 10/18/2017 | Entrance to Earthaven | 8:00 | 6 | 12 | Yes | 3 and 6 | 1,500 | Gasket Leaking | | | | |
| Line Break Loss for Month | | | | | | | | 4,000 | | | | |

Farmdale Water District
 Monthly Line Break Log

| Month | | Year | | Monthly Line Break Log | | | | | | Date & Time | | |
|----------------------------------|-----------------|------------|-------------|------------------------|-------------|-----------|--------------|-------------|--|--------------|-------------|--|
| November | | 2017 | | | | | | | | Disinfectant | Date & Time | |
| Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | | Discovered | BacTs Taken | |
| 11/16/2017 | 101 rockcreek | 8:00 | 3 | 1 | No | 0.75 | 1,000 | Split | | | | |
| 11/28/2017 | Cherry and Plum | 9:00 | 8 | 350 | Yes | 6 | 2,500 | Valve Broke | | | 11/29/2017 | |
| Line Break Loss for Month | | | | | | | 3,500 | | | | | |

Farmdale Water District
Monthly Line Break Log

| Month | Year | Monthly Line Break Log | | | | | | | | Date & Time | | |
|----------------------------------|------|------------------------|----------------|------------|-------------|---------------------|-------------|-----------|----------------|----------------------|-------------------------|-------------------------|
| December | 2017 | Date | Location | Time Found | Repair Time | Population Affected | Boil Water? | Line Size | Water Loss | Cause | Disinfectant Discovered | Date & Time BacTs Taken |
| | | 12/6/2017 | Avenstoke | | | 78 | Yes | 4 | 25,000 | Creek Crossing Bore | | 12/7/2017 |
| | | 12/11/2017 | 107 Tall Trees | 8:00 | 4 | 1 | No | 1 | 1,000 | Split | | |
| | | 12/14/2017 | Avenstoke | | | 78 | Yes | 4.00 | 15,000 | Creek Crossing Bore | | 12/17/2017 |
| | | 12/22/2017 | 550 Avenstoke | 8:00 | 18 | 180 | Yes | 4 | 45,000 | Glued 90 Blew out | | 12/23/17 |
| | | 12/27/2017 | 550 Avenstoke | 10:00 | 0:00 | 180 | Yes | 4 | 50,000 | BP repaired glued 90 | | 12/28/17 |
| Line Break Loss for Month | | | | | | | | | 136,000 | | | |

TIME

Monday

Tuesday

Wednesday

Thursday

Friday

The C.I. Thornburg Co., Inc.

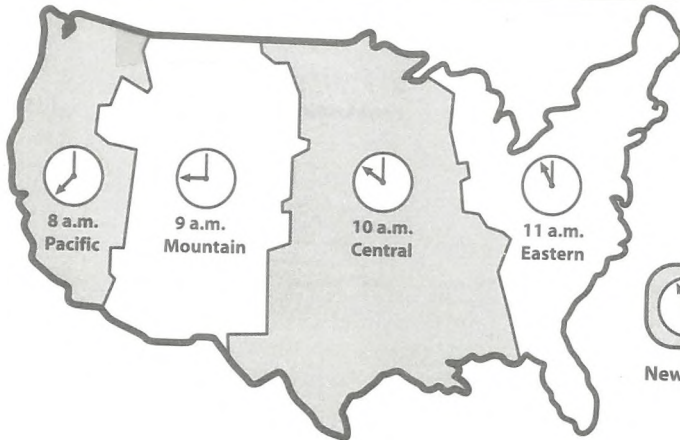
4-00001-01 Zone 45, Master Meter
Green Wilson Rd

06-00001-02 Zone 61, Master Meter
South Benson

8-00001-01 Zone 8, Master Meter
3795 Lawrenceburg Rd

10-00001-01 Zone 10, Master Meter
Mills Ln

06-00001-01 Zone 06, Master Meter
Hwy 151 Loop 2



3-2-21 105 Brookfields had to disconnect meter and pinch line so they could fix sewer line under meter pit @ 10:05 AM was disconnected

3-2-21 4:30 pm Sewer people hit Band made it. Leak @ 202? Brookfield Had to shut 3" main down to put new [3" Band] 3 workers 1 hour

3-3-21 Install 1 1/2 inch meter on Lawrencburg Rd 4820 address ran MR stick of SDR 21 pipe off the setter left that side of ditch open with ~~caution~~ caution Tape around it for plumers to hook to used a pit at the corp for Emergency shut off (Corp has Black plastic Ball in it Do not heat with torch)

3-8-21 1033 had Leak from there side silver creek saying it was us so we dugged up pit found the line the compression that the plumer hooked to our pig tail was loose so put new one on and show them we fixed it even though it was not are falt the yard will have to be fix when it drops out.

1235pm*

8-21 Corner of Highwood & Clearwater
Sewer people tore service line out
of corp had to replace line from
corp to meter

8-19-21 41 Demerson Ln 3" main the second leak
we fix in a week on old gray pipe
last time used piece of pipe and two
Hy max this time

9/8/23 6" Line split 8" on 1115 Benson
valley Gatewood Helped Fix
8' of 6" SD121 + (1) Repair Band.

9/9/23 3/4" service line leak AT 191
Travis circle, Pinched & put on
2 couplings & piece of pipe.

9/15/23 Franklin Co Rd Dept. Hit 6" main
Behind CAPITAL Bowl. NOT SURE
WHAT Line Feeds.

9/28/23 ~~46~~ 163 Iron drive Fire Hydrant LEAK.
Caped off 3" line Feeding Fire Hydrant

9/29 FLUSH Hydrant AT Jones Lane
VALVE LEAK + Sleeve BAD.
PULLED Hydrant + PUT on sleeve.

10/15 ST. James + Burlington $\frac{3}{4}$ " copper
service line. LEAK BEEN LEAKING
long time Fixed on Sunday due TO
Dialysis center. 1,181,500

10/24 4" MAIN LEAK AT ENTRANCE TO HUNTINGTON
woods. 3:30AM. POUCH POST ON WATER LINE
4" BAND + PIECE OF PIPE 2' LONG. 300
People OUT OF WATER 250,000 GAL

11/03 233 Dove creek service line LEAK.
Fixed WITH BAND. NO ONE OUT OF WATER

11/8 1115 JOHNSON Rd 6" MAIN A.C.
BEEN BROKE FOR A LONG TIME. LEAKED IN
THE WOODS. HAD TO JACK HAMMER ROCK OFF
OF LINE. 250 PEOPLE OUT OF WATER.

11/15 105 TALL TREES service line LEAK
AT THE SETTER. 1 PERSON OUT OF WATER
Fixed WITH new setter coupling + $\frac{3}{4}$ " x $\frac{3}{4}$ "
coupling.

- 12/3/23 200 Avenstoke Rd 3/4" service
Line. 200 People OUT OF WATER.
(2) 3/4" coupling + 3' of Line.
- 12/11/23 1037 mills Ln. 3/4" service
Line 1 person OUT OF WATER
new setter, meter, 3' of Line.
- 12/14/23 1428 Hwy 151 BFI Service Line
Been Leaking + Long Time.
ABandon meter CAPPING off.
- 12/20/23 200 River Valley Rd Service Line
in middle of THE Road. Been Leaking
Long Time. one Person OUT OF WATER.
- 12/23/23 Corner of Evergreen + 127 6" CAP
Blew off 2 Businessess OUT OF
WATER VALERO + DOLLAR GENERAL.
- 1/3/24 3338 niniva Rd 3" PVC in 6" CASING
under THE Road. 13 HRS TO Fix 25' of
3" PVC 30' of 6" CASING 8 Houses OUT
OF WATER.
- 1/11/24 2800 Avenstoke Rd 2" Glue Together
coupling CAME APART. 150 People OUT OF
WATER. (1) 2" CLAMP used.

1/16/24 2800 Avenstoke Rd. 2" Glue Together Fitting. Broke Loose. noBody OUT of WATER Fixed Live. (1) 2" CLAMP used.

1/18/24 571 Avenstoke Rd 3" MAIN. 6' DIAMETER Rock on THE Line. SMASHED PIPE. 2 SLIP couplings & 5' of 3" PIPE used TO Fix. 4 HR⁵ TO Fix. 200 People OUT of WATER.

1/19/24 Hwy 151 METER SETTER ABANDON BEER LEAKING FOR YEARS. 1 SHARK BITE & VALVE TO Fix. no one OUT of WATER.

1/26/24 78 FAWN Drive Old RIGGED FLUSH VALVE Froze. TOOK Tee & FLUSH VALVE OUT (2) 1" CTS couplings & 3' of 1" CTS. no one OUT of WATER Fixed Live.

1/30/24 Corner of CLEARWATER & CREEK Side 2" Glue coupling Broke. used (1) 2" BAND TO Fix 150 people OUT of WATER

2/6/24 151 Loop 1 4" MAIN Break 1 4" BAND used 200 people OUT of WATER.

2/7/24 MULHOLLAND Drive 3" Line under Road. Fixed with EXCAVATOR no PARTS used no one OUT of WATER

2/7/24 78 Fawn drive 1" service line LEAK
2 couplings 3/4" + 2' Piece of Pipe NO ONE
OUT OF WATER.

2/5/24 1061 COTTONWOOD drive 4" Blow off
Hydrant LEAKed. 4" x 2" Reducer + 2" CAP
used ALSO 1 1/2" Line Fixed with Fittings
From Lowes. 121 People OUT OF WATER

2/4/18/24 Evergreen Appt. 12" MAIN Blew APART.
12" HyMAX + 12" BAND used. 10 people OUT
of WATER

3/6/24 2578 Hwy 151 2" GIVE ON TEE SPLIT
REPLACED WITH M.F. TEE + INSTALLED NEW
2" VALVE AT HYDRANT. 60 people OUT
of WATER.

3/8/24 Chris Burrell LEAK 3/4" Service LEAK
3/4" BAND NO ONE OUT OF WATER

3/11/24 51 Dimerson 3" 160 PSI PIPE
SPLIT (2) 3" BANDS + 3' of PIPE.
48 people OUT OF WATER.