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| --- |
| **A Wet-Stock Management And Leak Detection System For Fuel Tanks** |
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**Supporting Information**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Initial Volume** | **Refill** | **Receipt** | **Correction** | **Sales** | **Final Volume** | **Difference**  **(ATG)** | **∆Vactual** | **Difference**  **(Receipt)** |
| 11/1/2016 | 22176 | 0 | 0 | 0 | 1297 | 20788 | -91 | 1297 | -91 |
| 11/2/2016 | 20788 | 0 | 0 | 0 | 797 | 19993 | 2 | 797 | 2 |
| 11/3/2016 | 19993 | 0 | 0 | 0 | 972 | 19023 | 2 | 972 | 2 |
| 11/4/2016 | 19023 | 0 | 0 | 0 | 947 | 18068 | -8 | 947 | -8 |
| 11/5/2016 | 18068 | 0 | 0 | 0 | 1331 | 16722 | -15 | 1331 | -15 |
| 11/6/2016 | 16722 | 0 | 0 | 0 | 468 | 16245 | -9 | 468 | -9 |
| 11/7/2016 | 16245 | 5984 | 5989 | 0 | 1353 | 20888 | 12 | -4636 | 7 |
| 11/8/2016 | 20888 | 0 | 0 | 0 | 1077 | 19822 | 10 | 1077 | 10 |
| 11/9/2016 | 19822 | 0 | 0 | 0 | 973 | 18853 | 4 | 973 | 4 |
| 11/10/2016 | 18853 | 0 | 0 | 0 | 911 | 17936 | -6 | 911 | -6 |
| 11/11/2016 | 17936 | 8397 | 8539 | 0 | 1472 | 24902 | 43 | -7067 | -100 |
| 11/12/2016 | 24902 | 0 | 0 | 0 | 782 | 24162 | 42 | 782 | 42 |
| 11/13/2016 | 24162 | 3364 | 3598 | 0 | 292 | 27241 | 7 | -3306 | -227 |
| 11/14/2016 | 27241 | 0 | 0 | 0 | 1010 | 26328 | 97 | 1010 | 97 |
| 11/15/2016 | 26328 | 0 | 0 | 0 | 1304 | 25110 | 86 | 1304 | 86 |
| 11/16/2016 | 25110 | 0 | 0 | 0 | 992 | 24162 | 45 | 992 | 45 |
| 11/17/2016 | 24162 | 0 | 0 | 0 | 1251 | 22948 | 37 | 1251 | 37 |
| 11/18/2016 | 22948 | 0 | 0 | 0 | 575 | 22384 | 11 | 575 | 11 |
| 11/19/2016 | 22384 | 0 | 0 | 0 | 830 | 21566 | 11 | 830 | 11 |
| 11/20/2016 | 21566 | 0 | 0 | 0 | 504 | 21066 | 4 | 504 | 4 |
| 11/21/2016 | 21066 | 0 | 0 | 0 | 1420 | 19654 | 8 | 1420 | 8 |
| 11/22/2016 | 19654 | 0 | 0 | 0 | 870 | 18782 | -2 | 870 | -2 |
| 11/23/2016 | 18782 | 6372 | 6478 | 0 | 973 | 24187 | 6 | -5505 | -101 |
| 11/24/2016 | 24187 | 4145 | 4487 | 0 | 1507 | 26967 | 142 | -2980 | -200 |
| 11/25/2016 | 26967 | 0 | 0 | 0 | 1056 | 26004 | 93 | 1056 | 93 |
| 11/26/2016 | 26004 | 0 | 0 | 0 | 943 | 25119 | 59 | 943 | 59 |
| 11/27/2016 | 25119 | 0 | 0 | 0 | 331 | 24805 | 16 | 331 | 16 |
| 11/28/2016 | 24805 | 0 | 0 | 0 | 1225 | 23627 | 47 | 1225 | 47 |
| 11/29/2016 | 23627 | 0 | 0 | 0 | 903 | 22746 | 21 | 903 | 21 |
| 11/30/2016 | 22746 | 4289 | 4491 | 0 | 1084 | 25971 | 21 | -3407 | -181 |
| 12/1/2016 | 25971 | 0 | 0 | 0 | 1526 | 24530 | 85 | 1526 | 85 |
| 12/2/2016 | 24530 | 0 | 0 | 0 | 1046 | 23473 | -11 | 1046 | -11 |
| 12/3/2016 | 23473 | 0 | 0 | 0 | 1085 | 22406 | 18 | 1085 | 18 |
| 12/4/2016 | 22406 | 5579 | 6001 | 0 | 729 | 27357 | 101 | -5272 | -321 |
| 12/5/2016 | 27357 | 0 | 0 | 0 | 1133 | 26332 | 108 | 1133 | 108 |
| 12/6/2016 | 26332 | 0 | 0 | 0 | 1276 | 25140 | 85 | 1276 | 85 |
| 12/7/2016 | 25140 | 0 | 0 | 0 | 1025 | 24161 | 46 | 1025 | 46 |
| 12/8/2016 | 24161 | 4160 | 4512 | 0 | 1270 | 27162 | 111 | -3242 | -242 |
| 12/9/2016 | 27162 | 0 | 0 | 0 | 737 | 26499 | 74 | 737 | 74 |
| 12/10/2016 | 26499 | 0 | 0 | 0 | 912 | 25653 | 67 | 912 | 67 |
| 12/11/2016 | 25653 | 0 | 0 | 0 | 349 | 25325 | 21 | 349 | 21 |
| 12/12/2016 | 25325 | 0 | 0 | 0 | 879 | 24487 | 41 | 879 | 41 |
| 12/13/2016 | 24487 | 0 | 0 | 0 | 985 | 23540 | 37 | 985 | 37 |
| 12/14/2016 | 23540 | 0 | 0 | 0 | 767 | 22789 | 17 | 767 | 17 |
| 12/15/2016 | 22789 | 0 | 0 | 0 | 1164 | 21645 | 20 | 1164 | 20 |
| 12/16/2016 | 21645 | 5760 | 6031 | 0 | 990 | 26453 | 37 | -5041 | -234 |
| 12/17/2016 | 26453 | 0 | 0 | 0 | 1011 | 25517 | 76 | 1011 | 76 |
| 12/18/2016 | 25517 | 0 | 0 | 0 | 363 | 25176 | 22 | 363 | 22 |
| 12/19/2016 | 25176 | 0 | 0 | 0 | 1118 | 24106 | 48 | 1118 | 48 |
| 12/20/2016 | 24106 | 0 | 0 | 0 | 718 | 23410 | 23 | 718 | 23 |
| 12/21/2016 | 23410 | 0 | 0 | 0 | 1106 | 22319 | 15 | 1106 | 15 |
| 12/22/2016 | 22319 | 0 | 0 | 0 | 1199 | 21102 | -18 | 1199 | -18 |
| 12/23/2016 | 21102 | 0 | 0 | 0 | 1016 | 20090 | 4 | 1016 | 4 |
| 12/24/2016 | 20090 | 0 | 0 | 0 | 945 | 19141 | -4 | 945 | -4 |
| 12/25/2016 | 19141 | 0 | 0 | 0 | 300 | 18842 | 1 | 300 | 1 |
| 12/26/2016 | 18842 | 0 | 0 | 0 | 1270 | 17558 | -14 | 1270 | -14 |
| 12/27/2016 | 17558 | 4026 | 4013 | 0 | 1230 | 20308 | -46 | -2783 | -33 |
| 12/28/2016 | 20308 | 3009 | 3017 | 0 | 1346 | 21938 | -33 | -1671 | -41 |
| 12/29/2016 | 21938 | 0 | 0 | 0 | 783 | 21171 | 16 | 783 | 16 |
| 12/30/2016 | 21171 | 0 | 0 | 0 | 1902 | 19282 | 13 | 1902 | 13 |
| 12/31/2016 | 19282 | 0 | 0 | 0 | 803 | 18477 | -3 | 803 | -3 |
| 1/1/2017 | 18477 | 0 | 0 | 0 | 159 | 18315 | -2 | 159 | -2 |
| 1/2/2017 | 18315 | 0 | 0 | 0 | 931 | 17375 | -9 | 931 | -9 |
| 1/3/2017 | 17375 | 0 | 0 | 0 | 1137 | 16219 | -19 | 1137 | -19 |
| 1/4/2017 | 16219 | 0 | 0 | 0 | 636 | 15563 | -20 | 636 | -20 |
| 1/5/2017 | 15563 | 9973 | 10068 | 0 | 928 | 24606 | -2 | -9140 | -96 |
| 1/6/2017 | 24606 | 0 | 0 | 0 | 1110 | 23550 | 53 | 1110 | 53 |
| 1/7/2017 | 23550 | 0 | 0 | 0 | 196 | 23362 | 9 | 196 | 9 |
| 1/8/2017 | 23362 | 0 | 0 | 0 | 236 | 23133 | 7 | 236 | 7 |
| 1/9/2017 | 23133 | 0 | 0 | 0 | 469 | 22673 | 10 | 469 | 10 |
| 1/10/2017 | 22673 | 0 | 0 | 0 | 449 | 22234 | 9 | 449 | 9 |
| 1/11/2017 | 22234 | 0 | 0 | 0 | 683 | 21559 | 8 | 683 | 8 |
| 1/12/2017 | 21559 | 0 | 0 | 0 | 1113 | 20455 | 9 | 1113 | 9 |
| 1/13/2017 | 20455 | 6257 | 6562 | 0 | 940 | 25855 | 84 | -5622 | -222 |
| 1/14/2017 | 25855 | 0 | 0 | 0 | 1168 | 24760 | 72 | 1168 | 72 |
| 1/15/2017 | 24760 | 0 | 0 | 0 | 328 | 24446 | 15 | 328 | 15 |
| 1/16/2017 | 24446 | 0 | 0 | 0 | 925 | 23558 | 37 | 925 | 37 |
| 1/17/2017 | 23558 | 0 | 0 | 0 | 925 | 22658 | 24 | 925 | 24 |
| 1/18/2017 | 22658 | 0 | 0 | 0 | 836 | 21823 | 1 | 836 | 1 |
| 1/19/2017 | 21823 | 0 | 0 | 0 | 1066 | 20769 | 12 | 1066 | 12 |
| 1/20/2017 | 20769 | 0 | 0 | 0 | 831 | 19942 | 3 | 831 | 3 |
| 1/21/2017 | 19942 | 0 | 0 | 0 | 722 | 19221 | 1 | 722 | 1 |
| 1/22/2017 | 19221 | 0 | 0 | 0 | 303 | 18918 | 0 | 303 | 0 |
| 1/23/2017 | 18918 | 0 | 0 | 0 | 918 | 17992 | -8 | 918 | -8 |
| 1/24/2017 | 17992 | 0 | 0 | 0 | 960 | 17022 | -10 | 960 | -10 |
| 1/25/2017 | 17022 | 0 | 0 | 0 | 1209 | 15794 | -18 | 1209 | -18 |
| 1/26/2017 | 15794 | 0 | 0 | 0 | 814 | 14961 | -19 | 814 | -19 |
| 1/27/2017 | 14961 | 12767 | 13097 | 0 | 1207 | 26577 | 56 | -11890 | -274 |
| 1/28/2017 | 26577 | 0 | 0 | 0 | 767 | 25882 | 72 | 767 | 72 |
| 1/29/2017 | 25882 | 0 | 0 | 0 | 228 | 25677 | 23 | 228 | 23 |
| 1/30/2017 | 25677 | 0 | 0 | 0 | 963 | 24769 | 56 | 963 | 56 |
| 1/31/2017 | 24769 | 3644 | 4018 | 0 | 1159 | 27377 | 122 | -2859 | -251 |
| 2/1/2017 | 27377 | 0 | 0 | 0 | 845 | 26625 | 92 | 845 | 92 |
| 2/2/2017 | 26625 | 0 | 0 | 0 | 1161 | 25550 | 87 | 1161 | 87 |
| 2/3/2017 | 25550 | 0 | 0 | 0 | 937 | 24665 | 52 | 937 | 52 |
| 2/4/2017 | 24665 | 0 | 0 | 0 | 778 | 23923 | 35 | 778 | 35 |
| 2/5/2017 | 23923 | 0 | 0 | 0 | 247 | 23685 | 9 | 247 | 9 |
| 2/6/2017 | 23685 | 0 | 0 | 0 | 934 | 22779 | 28 | 934 | 28 |
| 2/7/2017 | 22779 | 0 | 0 | 0 | 1035 | 21768 | 24 | 1035 | 24 |
| 2/8/2017 | 21768 | 0 | 0 | 0 | 1083 | 20701 | 16 | 1083 | 16 |
| 2/9/2017 | 20701 | 0 | 0 | 0 | 1051 | 19658 | 8 | 1051 | 8 |
| 2/10/2017 | 19658 | 5878 | 6012 | 0 | 988 | 24543 | -5 | -5024 | -139 |
| 2/11/2017 | 24543 | 0 | 0 | 0 | 869 | 23711 | 37 | 869 | 37 |
| 2/12/2017 | 23711 | 0 | 0 | 0 | 350 | 23373 | 12 | 350 | 12 |
| 2/13/2017 | 23373 | 0 | 0 | 0 | 859 | 22537 | 23 | 859 | 23 |
| 2/14/2017 | 22537 | 0 | 0 | 0 | 1090 | 21465 | 18 | 1090 | 18 |
| 2/15/2017 | 21465 | 6129 | 6403 | 0 | 782 | 26794 | -19 | -5621 | -293 |
| 2/16/2017 | 26794 | 0 | 0 | 0 | 832 | 26037 | 75 | 832 | 75 |
| 2/17/2017 | 26037 | 0 | 0 | 0 | 1272 | 24844 | 79 | 1272 | 79 |
| 2/18/2017 | 24844 | 0 | 0 | 0 | 1219 | 23677 | 52 | 1219 | 52 |
| 2/19/2017 | 23677 | 0 | 0 | 0 | 409 | 23282 | 14 | 409 | 14 |
| 2/20/2017 | 23282 | 0 | 0 | 0 | 1183 | 22129 | 30 | 1183 | 30 |
| 2/21/2017 | 22129 | 0 | 0 | 0 | 992 | 21153 | 16 | 992 | 16 |
| 2/22/2017 | 21153 | 0 | 0 | 0 | 1205 | 19957 | 10 | 1205 | 10 |
| 2/23/2017 | 19957 | 5660 | 6477 | 0 | 748 | 25518 | 650 | -5729 | -167 |
| 2/24/2017 | 25518 | 667 | 0 | 0 | 924 | 24645 | -615 | 924 | 51 |
| 2/25/2017 | 24645 | 0 | 0 | 0 | 1393 | 23309 | 57 | 1393 | 57 |
| 2/26/2017 | 23309 | 0 | 0 | 0 | 468 | 22854 | 13 | 468 | 13 |
| 2/27/2017 | 22854 | 6617 | 7033 | 0 | 1336 | 28107 | -27 | -5697 | -444 |
| 2/28/2017 | 28107 | 0 | 0 | 0 | 1111 | 27150 | 154 | 1111 | 154 |
| 3/1/2017 | 27150 | 0 | 0 | 0 | 1189 | 26073 | 112 | 1189 | 112 |
| 3/2/2017 | 26073 | 0 | 0 | 0 | 742 | 25381 | 50 | 742 | 50 |
| 3/3/2017 | 25381 | 0 | 0 | 0 | 1217 | 24229 | 65 | 1217 | 65 |
| 3/4/2017 | 24229 | 0 | 0 | 0 | 1585 | 22689 | 46 | 1585 | 46 |
| 3/5/2017 | 22689 | 0 | 0 | 0 | 282 | 22422 | 15 | 282 | 15 |
| 3/6/2017 | 22422 | 4826 | 5022 | 0 | 1284 | 25989 | 24 | -3738 | -172 |

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