# REMEDIAL INVESTIGATION REPORT

# CHEMSOL INC. SUPERFUND SITE

PREPARED FOR:
U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION II

VOLUME XII

OCTOBER 1996

CDM FEDERAL PROGRAMS CORPORATION
**a subsidiary of Camp Dresser & McKee Inc.**

V

CHM 003 0742

# APPENDIX V-1

# PACKER TESTING DATA ROUND 1

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: BKG PUMP ZONE:

WELL ID: DMW-1

SE1000B
Environmental Logger
11/22 11:22

Unit# 02010 Test# 0

INPUT 1: Level (F) TOC

Reference 0.00
Scale factor 20.05
Offset - 0.04

Step# 0 11/19 15:36

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.30 |
| 15.0000 | -0.30 |
| 30.0000 | -0.32 |
| 45.0000 | -0.32 |
| 60.0000 | -0.34 |
| 75.0000 | -0.35 |
| 90.0000 | -0.36 |
| 105.000 | -0.37 |
| 120.000 | -0.37 |
| 135.000 | -0.38 |
| 150.000 | -0.39 |
| 165.000 | -0.40 |
| 180.000 | -0.41 |
| 195.000 | -0.41 |
| 210.000 | -0.42 |
| 225.000 | -0.42 |
| 240.000 | -0.43 |
| 255.000 | -0.44 |
| 270.000 | -0.44 |
| 285.000 | -0.45 |
| 300.000 | -0.46 |
| 315.000 | -0.46 |
| 330.000 | -0.47 |
| 345.000 | -0.47 |
| 360.000 | -0.48 |
| 375.000 | -0.48 |
| 390.000 | -0.49 |
| 405.000 | -0.49 |
| 420.000 | -0.49 |
| 435.000 | -0.50 |
| 450.000 | -0.51 |
| 465.000 | -0.51 |
| 480.000 | -0.51 |
| 495.000 | -0.51 |
| 510.000 | -0.52 |



CHM 003 0744

| Elapsed Time | Value |
|---|---|
| 525.000 | -0.52 |
| 540.000 | -0.53 |
| 555.000 | -0.53 |
| 570.000 | -0.53 |
| 585.000 | -0.53 |
| 600.000 | -0.54 |
| 615.000 | -0.54 |
| 630.000 | -0.54 |
| 645.000 | -0.54 |
| 660.000 | -0.55 |
| 675.000 | -0.56 |
| 690.000 | -0.56 |
| 705.000 | -0.56 |
| 720.000 | -0.57 |
| 735.000 | -0.57 |
| 750.000 | -0.58 |
| 765.000 | -0.58 |
| 780.000 | -0.58 |
| 795.000 | -0.59 |
| 810.000 | -0.59 |
| 825.000 | -0.60 |
| 840.000 | -0.60 |
| 855.000 | -0.60 |
| 870.000 | -0.60 |
| 885.000 | -0.61 |
| 900.000 | -0.61 |
| 915.000 | -0.61 |
| 930.000 | -0.61 |
| 945.000 | -0.61 |
| 960.000 | -0.61 |
| 975.000 | -0.61 |
| 990.000 | -0.61 |
| 1005.00 | -0.61 |
| 1020.00 | -0.61 |
| 1035.00 | -0.61 |
| 1050.00 | -0.61 |
| 1065.00 | -0.61 |
| 1080.00 | -0.61 |
| 1095.00 | -0.61 |
| 1110.00 | -0.61 |
| 1125.00 | -0.60 |
| 1140.00 | -0.61 |
| 1155.00 | -0.61 |
| 1170.00 | -0.61 |
| 1185.00 | -0.61 |
| 1200.00 | -0.61 |
| 1215.00 | -0.60 |
| 1230.00 | -0.60 |
| 1245.00 | -0.60 |
| 1260.00 | -0.60 |
| 1275.00 | -0.60 |
| 1290.00 | -0.59 |
| 1305.00 | -0.59 |
| 1320.00 | -0.58 |



CHM 003 0745

| Elapsed Time | Value |
|---|---|
| 1335.00 | -0.58 |
| 1350.00 | -0.57 |
| 1365.00 | -0.56 |
| 1380.00 | -0.56 |
| 1395.00 | -0.56 |
| 1410.00 | -0.56 |
| 1425.00 | -0.55 |
| 1440.00 | -0.54 |
| 1455.00 | -0.54 |
| 1470.00 | -0.54 |
| 1485.00 | -0.54 |
| 1500.00 | -0.53 |
| 1515.00 | -0.53 |
| 1530.00 | -0.53 |
| 1545.00 | -0.53 |
| 1560.00 | -0.52 |
| 1575.00 | -0.51 |
| 1590.00 | -0.51 |
| 1605.00 | -0.51 |
| 1620.00 | -0.50 |
| 1635.00 | -0.50 |
| 1650.00 | -0.50 |
| 1665.00 | -0.49 |
| 1680.00 | -0.49 |
| 1695.00 | -0.49 |
| 1710.00 | -0.49 |
| 1725.00 | -0.49 |
| 1740.00 | -0.48 |
| 1755.00 | -0.48 |
| 1770.00 | -0.48 |
| 1785.00 | -0.48 |
| 1800.00 | -0.47 |
| 1815.00 | -0.47 |
| 1830.00 | -0.47 |
| 1845.00 | -0.47 |
| 1860.00 | -0.47 |
| 1875.00 | -0.46 |
| 1890.00 | -0.46 |
| 1905.00 | -0.46 |
| 1920.00 | -0.46 |
| 1935.00 | -0.46 |
| 1950.00 | -0.46 |
| 1965.00 | -0.46 |
| 1980.00 | -0.46 |
| 1995.00 | -0.45 |
| 2010.00 | -0.45 |
| 2025.00 | -0.45 |
| 2040.00 | -0.45 |
| 2055.00 | -0.45 |
| 2070.00 | -0.44 |
| 2085.00 | -0.44 |
| 2100.00 | -0.44 |
| 2115.00 | -0.44 |
| 2130.00 | -0.44 |

| Elapsed Time | Value |
|---|---|
| 2145.00 | -0.44 |
| 2160.00 | -0.43 |
| 2175.00 | -0.43 |
| 2190.00 | -0.43 |
| 2205.00 | -0.43 |
| 2220.00 | -0.43 |
| 2235.00 | -0.43 |
| 2250.00 | -0.43 |
| 2265.00 | -0.42 |
| 2280.00 | -0.42 |
| 2295.00 | -0.42 |
| 2310.00 | -0.42 |
| 2325.00 | -0.42 |
| 2340.00 | -0.42 |
| 2355.00 | -0.42 |
| 2370.00 | -0.42 |
| 2385.00 | -0.42 |
| 2400.00 | -0.42 |
| 2415.00 | -0.42 |
| 2430.00 | -0.42 |
| 2445.00 | -0.42 |
| 2460.00 | -0.42 |
| 2475.00 | -0.42 |
| 2490.00 | -0.42 |
| 2505.00 | -0.42 |
| 2520.00 | -0.42 |
| 2535.00 | -0.42 |
| 2550.00 | -0.42 |
| 2565.00 | -0.42 |
| 2580.00 | -0.42 |
| 2595.00 | -0.42 |
| 2610.00 | -0.42 |
| 2625.00 | -0.42 |
| 2640.00 | -0.43 |
| 2655.00 | -0.43 |
| 2670.00 | -0.43 |
| 2685.00 | -0.43 |
| 2700.00 | -0.44 |
| 2715.00 | -0.44 |
| 2730.00 | -0.44 |
| 2745.00 | -0.44 |
| 2760.00 | -0.44 |
| 2775.00 | -0.44 |
| 2790.00 | -0.44 |
| 2805.00 | -0.44 |
| 2820.00 | -0.44 |
| 2835.00 | -0.45 |
| 2850.00 | -0.46 |
| 2865.00 | -0.46 |
| 2880.00 | -0.45 |
| 2895.00 | -0.46 |
| 2910.00 | -0.46 |
| 2925.00 | -0.46 |
| 2940.00 | -0.46 |



CHM 003 0747

| Elapsed Time | Value |
|---|---|
| 2955.00 | -0.46 |
| 2970.00 | -0.46 |
| 2985.00 | -0.45 |
| 3000.00 | -0.45 |
| 3015.00 | -0.45 |
| 3030.00 | -0.45 |
| 3045.00 | -0.45 |
| 3060.00 | -0.45 |
| 3075.00 | -0.45 |
| 3090.00 | -0.45 |
| 3105.00 | -0.45 |
| 3120.00 | -0.45 |
| 3135.00 | -0.45 |
| 3150.00 | -0.45 |
| 3165.00 | -0.45 |
| 3180.00 | -0.45 |
| 3195.00 | -0.45 |
| 3210.00 | -0.45 |
| 3225.00 | -0.46 |
| 3240.00 | -0.46 |
| 3255.00 | -0.46 |
| 3270.00 | -0.46 |
| 3285.00 | -0.46 |
| 3300.00 | -0.46 |
| 3315.00 | -0.46 |
| 3330.00 | -0.47 |
| 3345.00 | -0.47 |
| 3360.00 | -0.48 |
| 3375.00 | -0.48 |
| 3390.00 | -0.48 |
| 3405.00 | -0.48 |
| 3420.00 | -0.48 |
| 3435.00 | -0.48 |
| 3450.00 | -0.48 |
| 3465.00 | -0.48 |
| 3480.00 | -0.48 |
| 3495.00 | -0.49 |
| 3510.00 | -0.49 |
| 3525.00 | -0.49 |
| 3540.00 | -0.49 |
| 3555.00 | -0.49 |
| 3570.00 | -0.49 |
| 3585.00 | -0.49 |
| 3600.00 | -0.49 |
| 3615.00 | -0.49 |
| 3630.00 | -0.49 |
| 3645.00 | -0.49 |
| 3660.00 | -0.49 |
| 3675.00 | -0.49 |
| 3690.00 | -0.49 |
| 3705.00 | -0.49 |
| 3720.00 | -0.49 |
| 3735.00 | -0.49 |
| 3750.00 | -0.49 |

| Elapsed Time | Value |
|---|---|
| 3765.00 | -0.49 |
| 3780.00 | -0.49 |
| 3795.00 | -0.49 |
| 3810.00 | -0.49 |
| 3825.00 | -0.49 |
| 3840.00 | -0.48 |
| 3855.00 | -0.48 |
| 3870.00 | -0.48 |
| 3885.00 | -0.47 |
| 3900.00 | -0.46 |
| 3915.00 | -0.46 |
| 3930.00 | -0.45 |
| 3945.00 | -0.46 |
| 3960.00 | -0.46 |



CHM 003 0749

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: BKG PUMP ZONE:

WELL ID: DMW-2

SE1000B
Environmental Logger
11/22 11:29

Unit# 02010 Test# 0

INPUT 2: Level (F) TOC

Reference 0.00
Scale factor 20.02
Offset - 0.02

Step# 0 11/19 15:36

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.08 |
| 15.0000 | -0.10 |
| 30.0000 | -0.11 |
| 45.0000 | -0.11 |
| 60.0000 | -0.12 |
| 75.0000 | -0.13 |
| 90.0000 | -0.14 |
| 105.000 | -0.15 |
| 120.000 | -0.15 |
| 135.000 | -0.16 |
| 150.000 | -0.17 |
| 165.000 | -0.17 |
| 180.000 | -0.18 |
| 195.000 | -0.18 |
| 210.000 | -0.20 |
| 225.000 | -0.20 |
| 240.000 | -0.21 |
| 255.000 | -0.22 |
| 270.000 | -0.22 |
| 285.000 | -0.23 |
| 300.000 | -0.23 |
| 315.000 | -0.24 |
| 330.000 | -0.24 |
| 345.000 | -0.25 |
| 360.000 | -0.25 |
| 375.000 | -0.26 |
| 390.000 | -0.27 |
| 405.000 | -0.27 |
| 420.000 | -0.27 |
| 435.000 | -0.28 |
| 450.000 | -0.29 |
| 465.000 | -0.29 |
| 480.000 | -0.29 |
| 495.000 | -0.29 |
| 510.000 | -0.30 |



CHM 003 0750

| Elapsed Time | Value |
|---|---|
| 525.000 | -0.30 |
| 540.000 | -0.31 |
| 555.000 | -0.31 |
| 570.000 | -0.32 |
| 585.000 | -0.32 |
| 600.000 | -0.32 |
| 615.000 | -0.32 |
| 630.000 | -0.33 |
| 645.000 | -0.34 |
| 660.000 | -0.34 |
| 675.000 | -0.34 |
| 690.000 | -0.35 |
| 705.000 | -0.35 |
| 720.000 | -0.35 |
| 735.000 | -0.36 |
| 750.000 | -0.37 |
| 765.000 | -0.37 |
| 780.000 | -0.37 |
| 795.000 | -0.38 |
| 810.000 | -0.38 |
| 825.000 | -0.39 |
| 840.000 | -0.39 |
| 855.000 | -0.39 |
| 870.000 | -0.39 |
| 885.000 | -0.39 |
| 900.000 | -0.40 |
| 915.000 | -0.40 |
| 930.000 | -0.40 |
| 945.000 | -0.40 |
| 960.000 | -0.40 |
| 975.000 | -0.40 |
| 990.000 | -0.40 |
| 1005.00 | -0.40 |
| 1020.00 | -0.41 |
| 1035.00 | -0.40 |
| 1050.00 | -0.40 |
| 1065.00 | -0.40 |
| 1080.00 | -0.39 |
| 1095.00 | -0.40 |
| 1110.00 | -0.40 |
| 1125.00 | -0.40 |
| 1140.00 | -0.41 |
| 1155.00 | -0.40 |
| 1170.00 | -0.39 |
| 1185.00 | -0.41 |
| 1200.00 | -0.40 |
| 1215.00 | -0.39 |
| 1230.00 | -0.38 |
| 1245.00 | -0.38 |
| 1260.00 | -0.39 |
| 1275.00 | -0.38 |
| 1290.00 | -0.38 |
| 1305.00 | -0.37 |
| 1320.00 | -0.37 |



CHM 003 0751

| Elapsed Time | Value |
|---|---|
| 1335.00 | -0.36 |
| 1350.00 | -0.35 |
| 1365.00 | -0.35 |
| 1380.00 | -0.35 |
| 1395.00 | -0.34 |
| 1410.00 | -0.34 |
| 1425.00 | -0.34 |
| 1440.00 | -0.34 |
| 1455.00 | -0.34 |
| 1470.00 | -0.34 |
| 1485.00 | -0.34 |
| 1500.00 | -0.33 |
| 1515.00 | -0.33 |
| 1530.00 | -0.32 |
| 1545.00 | -0.32 |
| 1560.00 | -0.32 |
| 1575.00 | -0.31 |
| 1590.00 | -0.31 |
| 1605.00 | -0.30 |
| 1620.00 | -0.30 |
| 1635.00 | -0.30 |
| 1650.00 | -0.30 |
| 1665.00 | -0.29 |
| 1680.00 | -0.29 |
| 1695.00 | -0.29 |
| 1710.00 | -0.29 |
| 1725.00 | -0.29 |
| 1740.00 | -0.29 |
| 1755.00 | -0.29 |
| 1770.00 | -0.28 |
| 1785.00 | -0.28 |
| 1800.00 | -0.28 |
| 1815.00 | -0.28 |
| 1830.00 | -0.29 |
| 1845.00 | -0.29 |
| 1860.00 | -0.28 |
| 1875.00 | -0.28 |
| 1890.00 | -0.27 |
| 1905.00 | -0.27 |
| 1920.00 | -0.27 |
| 1935.00 | -0.27 |
| 1950.00 | -0.27 |
| 1965.00 | -0.28 |
| 1980.00 | -0.28 |
| 1995.00 | -0.27 |
| 2010.00 | -0.27 |
| 2025.00 | -0.27 |
| 2040.00 | -0.27 |
| 2055.00 | -0.27 |
| 2070.00 | -0.27 |
| 2085.00 | -0.27 |
| 2100.00 | -0.27 |
| 2115.00 | -0.27 |
| 2130.00 | -0.27 |

| Elapsed Time | Value |
|---|---|
| 2145.00 | -0.27 |
| 2160.00 | -0.27 |
| 2175.00 | -0.27 |
| 2190.00 | -0.27 |
| 2205.00 | -0.26 |
| 2220.00 | -0.26 |
| 2235.00 | -0.26 |
| 2250.00 | -0.27 |
| 2265.00 | -0.27 |
| 2280.00 | -0.26 |
| 2295.00 | -0.26 |
| 2310.00 | -0.26 |
| 2325.00 | -0.26 |
| 2340.00 | -0.26 |
| 2355.00 | -0.26 |
| 2370.00 | -0.26 |
| 2385.00 | -0.26 |
| 2400.00 | -0.26 |
| 2415.00 | -0.25 |
| 2430.00 | -0.25 |
| 2445.00 | -0.25 |
| 2460.00 | -0.25 |
| 2475.00 | -0.25 |
| 2490.00 | -0.25 |
| 2505.00 | -0.25 |
| 2520.00 | -0.25 |
| 2535.00 | -0.25 |
| 2550.00 | -0.25 |
| 2565.00 | -0.25 |
| 2580.00 | -0.25 |
| 2595.00 | -0.26 |
| 2610.00 | -0.26 |
| 2625.00 | -0.26 |
| 2640.00 | -0.27 |
| 2655.00 | -0.27 |
| 2670.00 | -0.27 |
| 2685.00 | -0.27 |
| 2700.00 | -0.27 |
| 2715.00 | -0.28 |
| 2730.00 | -0.28 |
| 2745.00 | -0.29 |
| 2760.00 | -0.28 |
| 2775.00 | -0.29 |
| 2790.00 | -0.29 |
| 2805.00 | -0.29 |
| 2820.00 | -0.29 |
| 2835.00 | -0.30 |
| 2850.00 | -0.30 |
| 2865.00 | -0.30 |
| 2880.00 | -0.30 |
| 2895.00 | -0.30 |
| 2910.00 | -0.30 |
| 2925.00 | -0.30 |
| 2940.00 | -0.30 |



CHM 003 0753

| Elapsed Time | Value |
|---|---|
| 2955.00 | -0.30 |
| 2970.00 | -0.30 |
| 2985.00 | -0.29 |
| 3000.00 | -0.29 |
| 3015.00 | -0.29 |
| 3030.00 | -0.29 |
| 3045.00 | -0.29 |
| 3060.00 | -0.29 |
| 3075.00 | -0.29 |
| 3090.00 | -0.29 |
| 3105.00 | -0.29 |
| 3120.00 | -0.29 |
| 3135.00 | -0.29 |
| 3150.00 | -0.29 |
| 3165.00 | -0.29 |
| 3180.00 | -0.29 |
| 3195.00 | -0.29 |
| 3210.00 | -0.29 |
| 3225.00 | -0.30 |
| 3240.00 | -0.30 |
| 3255.00 | -0.30 |
| 3270.00 | -0.30 |
| 3285.00 | -0.30 |
| 3300.00 | -0.30 |
| 3315.00 | -0.30 |
| 3330.00 | -0.31 |
| 3345.00 | -0.31 |
| 3360.00 | -0.32 |
| 3375.00 | -0.32 |
| 3390.00 | -0.32 |
| 3405.00 | -0.32 |
| 3420.00 | -0.32 |
| 3435.00 | -0.32 |
| 3450.00 | -0.32 |
| 3465.00 | -0.32 |
| 3480.00 | -0.32 |
| 3495.00 | -0.33 |
| 3510.00 | -0.33 |
| 3525.00 | -0.33 |
| 3540.00 | -0.33 |
| 3555.00 | -0.33 |
| 3570.00 | -0.33 |
| 3585.00 | -0.33 |
| 3600.00 | -0.33 |
| 3615.00 | -0.33 |
| 3630.00 | -0.33 |
| 3645.00 | -0.33 |
| 3660.00 | -0.33 |
| 3675.00 | -0.33 |
| 3690.00 | -0.33 |
| 3705.00 | -0.33 |
| 3720.00 | -0.33 |
| 3735.00 | -0.33 |
| 3750.00 | -0.33 |

| Elapsed Time | Value |
|---|---|
| 3765.00 | -0.33 |
| 3780.00 | -0.32 |
| 3795.00 | -0.32 |
| 3810.00 | -0.32 |
| 3825.00 | -0.32 |
| 3840.00 | -0.30 |
| 3855.00 | -0.30 |
| 3870.00 | -0.29 |
| 3885.00 | -0.29 |
| 3900.00 | -0.28 |
| 3915.00 | -0.28 |
| 3930.00 | -0.27 |
| 3945.00 | -0.27 |
| 3960.00 | -0.27 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: BKG PUMP ZONE:

WELL ID:

SE2000
Environmental Logger
11/22 11:57

Unit# 436 Test 2

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 | INPUT 7 | INPUT |
|---|---|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level ( |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | DMW6 | DMW5 | TW4 | MW101 | C2 | DMW11 | C9 | MW103 |
| Reference | 21.150 | 20.870 | 19.280 | 22.140 | 26.320 | 25.900 | 25.020 | 23.07 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.00 |
| Linearity | 0.273 | 0.028 | 0.115 | 0.122 | 0.118 | 2.568 | 0.286 | 0.11 |
| Scale factor | 30.018 | 30.020 | 20.009 | 20.050 | 20.071 | 248.904 | 29.999 | 20.08 |
| Offset | 0.095 | -0.001 | 0.091 | 0.052 | 0.050 | -0.508 | 0.043 | 0.06 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.00 |

Step 0 11/19 17:15:01

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 | INPUT 7 | INPUT |
|---|---|---|---|---|---|---|---|---|
| 0.0000 | 21.150 | 20.870 | 19.267 | 22.133 | 26.313 | 25.821 | 25.001 | 23.06 |
| 15.0000 | 21.140 | 20.860 | 19.241 | 22.127 | 26.300 | 25.821 | 24.991 | 23.04 |
| 30.0000 | 21.140 | 20.860 | 19.229 | 22.120 | 26.288 | 25.821 | 24.982 | 23.04 |
| 45.0000 | 21.130 | 20.851 | 19.210 | 22.114 | 26.275 | 25.821 | 24.972 | 23.03 |
| 60.0000 | 21.121 | 20.841 | 19.197 | 22.108 | 26.256 | 25.821 | 24.963 | 23.03 |
| 75.0000 | 21.111 | 20.832 | 19.178 | 22.101 | 26.243 | 25.821 | 24.953 | 23.03 |
| 90.0000 | 21.111 | 20.822 | 19.165 | 22.095 | 26.237 | 25.821 | 24.944 | 23.02 |
| 105.000 | 21.102 | 20.813 | 19.153 | 22.089 | 26.237 | 25.821 | 24.934 | 23.01 |
| 120.000 | 21.092 | 20.813 | 19.140 | 22.082 | 26.224 | 25.742 | 24.925 | 23.01 |
| 135.000 | 21.083 | 20.803 | 19.127 | 22.076 | 26.205 | 25.742 | 24.915 | 23.00 |
| 150.000 | 21.083 | 20.794 | 19.115 | 22.070 | 26.192 | 25.742 | 24.906 | 22.98 |
| 165.000 | 21.083 | 20.794 | 19.102 | 22.063 | 26.192 | 25.742 | 24.896 | 22.98 |
| 180.000 | 21.073 | 20.784 | 19.089 | 22.063 | 26.180 | 25.742 | 24.887 | 22.97 |
| 195.000 | 21.064 | 20.775 | 19.083 | 22.050 | 26.173 | 25.742 | 24.877 | 22.97 |
| 210.000 | 21.064 | 20.775 | 19.070 | 22.050 | 26.167 | 25.742 | 24.877 | 22.97 |
| 225.000 | 21.054 | 20.765 | 19.064 | 22.044 | 26.161 | 25.742 | 24.868 | 22.96 |
| 240.000 | 21.054 | 20.765 | 19.051 | 22.038 | 26.161 | 25.742 | 24.868 | 22.94 |
| 255.000 | 21.045 | 20.756 | 19.045 | 22.031 | 26.154 | 25.742 | 24.868 | 22.96 |
| 270.000 | 21.045 | 20.756 | 19.038 | 22.025 | 26.148 | 25.742 | 24.858 | 22.94 |
| 285.000 | 21.035 | 20.756 | 19.032 | 22.019 | 26.141 | 25.664 | 24.849 | 22.93 |
| 300.000 | 21.035 | 20.746 | 19.026 | 22.012 | 26.129 | 25.664 | 24.839 | 22.93 |
| 315.000 | 21.026 | 20.737 | 19.019 | 22.012 | 26.122 | 25.664 | 24.839 | 22.93 |
| 330.000 | 21.026 | 20.737 | 19.013 | 22.006 | 26.122 | 25.664 | 24.830 | 22.93 |
| 345.000 | 21.016 | 20.727 | 19.007 | 22.000 | 26.110 | 25.664 | 24.820 | 22.92 |
| 360.000 | 21.016 | 20.727 | 19.000 | 21.993 | 26.110 | 25.664 | 24.820 | 22.92 |
| 375.000 | 21.016 | 20.727 | 18.994 | 21.993 | 26.110 | 25.664 | 24.820 | 22.91 |
| 390.000 | 21.016 | 20.727 | 18.988 | 21.987 | 26.103 | 25.664 | 24.811 | 22.91 |
| 405.000 | 21.007 | 20.727 | 18.981 | 21.987 | 26.103 | 25.664 | 24.811 | 22.92 |



CHM 003 0756

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 | INPUT 7 | INPUT |
|---|---|---|---|---|---|---|---|---|
| 420.000 | 21.007 | 20.718 | 18.981 | 21.981 | 26.097 | 25.664 | 24.801 | 22.90 |
| 435.000 | 20.997 | 20.718 | 18.975 | 21.974 | 26.084 | 25.664 | 24.801 | 22.91 |
| 450.000 | 20.997 | 20.718 | 18.969 | 21.968 | 26.084 | 25.664 | 24.792 | 22.90 |
| 465.000 | 20.997 | 20.708 | 18.962 | 21.968 | 26.084 | 25.664 | 24.792 | 22.89 |
| 480.000 | 20.997 | 20.708 | 18.962 | 21.961 | 26.078 | 25.664 | 24.782 | 22.89 |
| 495.000 | 20.988 | 20.708 | 18.956 | 21.961 | 26.078 | 25.664 | 24.782 | 22.89 |
| 510.000 | 20.988 | 20.699 | 18.950 | 21.955 | 26.084 | 25.664 | 24.773 | 22.88 |
| 525.000 | 20.988 | 20.699 | 18.950 | 21.955 | 26.078 | 25.664 | 24.773 | 22.88 |
| 540.000 | 20.978 | 20.699 | 18.943 | 21.949 | 26.065 | 25.585 | 24.773 | 22.87 |
| 555.000 | 20.978 | 20.689 | 18.937 | 21.942 | 26.072 | 25.585 | 24.763 | 22.87 |
| 570.000 | 20.969 | 20.680 | 18.937 | 21.936 | 26.059 | 25.585 | 24.754 | 22.86 |
| 585.000 | 20.969 | 20.680 | 18.931 | 21.949 | 26.052 | 25.664 | 24.763 | 22.88 |
| 600.000 | 20.969 | 20.680 | 18.931 | 21.936 | 26.052 | 25.585 | 24.763 | 22.87 |
| 615.000 | 20.959 | 20.670 | 18.924 | 21.930 | 26.052 | 25.585 | 24.744 | 22.86 |
| 630.000 | 20.959 | 20.670 | 18.924 | 21.930 | 26.046 | 25.585 | 24.744 | 22.87 |
| 645.000 | 20.959 | 20.670 | 18.918 | 21.923 | 26.046 | 25.585 | 24.744 | 22.85 |
| 660.000 | 20.950 | 20.661 | 18.912 | 21.917 | 26.040 | 25.585 | 24.735 | 22.85 |
| 675.000 | 20.950 | 20.661 | 18.912 | 21.911 | 26.033 | 25.585 | 24.735 | 22.84 |
| 690.000 | 20.940 | 20.661 | 18.905 | 21.917 | 26.027 | 25.585 | 24.735 | 22.84 |
| 705.000 | 20.940 | 20.651 | 18.905 | 21.904 | 26.027 | 25.585 | 24.725 | 22.82 |
| 720.000 | 20.940 | 20.651 | 18.899 | 21.904 | 26.027 | 25.585 | 24.725 | 22.84 |
| 735.000 | 20.931 | 20.651 | 18.899 | 21.898 | 26.021 | 25.585 | 24.725 | 22.84 |
| 750.000 | 20.931 | 20.642 | 18.893 | 21.898 | 26.021 | 25.507 | 24.716 | 22.82 |
| 765.000 | 20.931 | 20.642 | 18.893 | 21.904 | 26.021 | 25.585 | 24.735 | 22.86 |
| 780.000 | 20.921 | 20.642 | 18.893 | 21.898 | 26.027 | 25.585 | 24.735 | 22.84 |
| 795.000 | 20.921 | 20.642 | 18.886 | 21.885 | 26.014 | 25.507 | 24.716 | 22.80 |
| 810.000 | 20.921 | 20.642 | 18.886 | 21.885 | 26.021 | 25.585 | 24.716 | 22.81 |
| 825.000 | 20.921 | 20.632 | 18.886 | 21.885 | 26.021 | 25.585 | 24.725 | 22.82 |
| 840.000 | 20.921 | 20.632 | 18.886 | 21.885 | 26.021 | 25.585 | 24.725 | 22.82 |
| 855.000 | 20.921 | 20.632 | 18.886 | 21.879 | 26.021 | 25.585 | 24.735 | 22.83 |
| 870.000 | 20.921 | 20.632 | 18.886 | 21.879 | 26.033 | 25.585 | 24.763 | 22.82 |
| 885.000 | 20.921 | 20.632 | 18.893 | 21.872 | 26.027 | 25.585 | 24.744 | 22.81 |
| 900.000 | 20.921 | 20.632 | 18.893 | 21.879 | 26.033 | 25.664 | 24.754 | 22.84 |
| 915.000 | 20.912 | 20.632 | 18.893 | 21.872 | 26.027 | 25.585 | 24.744 | 22.79 |
| 930.000 | 20.912 | 20.632 | 18.899 | 21.872 | 26.033 | 25.664 | 24.763 | 22.85 |
| 945.000 | 20.921 | 20.632 | 18.899 | 21.872 | 26.027 | 25.585 | 24.754 | 22.82 |
| 960.000 | 20.921 | 20.632 | 18.899 | 21.879 | 26.040 | 25.664 | 24.773 | 22.83 |
| 975.000 | 20.921 | 20.632 | 18.905 | 21.872 | 26.033 | 25.585 | 24.763 | 22.81 |
| 990.000 | 20.921 | 20.632 | 18.905 | 21.879 | 26.040 | 25.664 | 24.782 | 22.84 |
| 1005.00 | 20.921 | 20.632 | 18.905 | 21.860 | 26.021 | 25.585 | 24.716 | 22.75 |
| 1020.00 | 20.921 | 20.632 | 18.912 | 21.879 | 26.059 | 25.585 | 24.782 | 22.81 |
| 1035.00 | 20.921 | 20.632 | 18.912 | 21.879 | 26.059 | 25.664 | 24.792 | 22.83 |
| 1050.00 | 20.921 | 20.632 | 18.918 | 21.898 | 26.065 | 25.664 | 24.811 | 22.89 |
| 1065.00 | 20.921 | 20.642 | 18.918 | 21.879 | 26.052 | 25.664 | 24.792 | 22.84 |
| 1080.00 | 20.921 | 20.642 | 18.912 | 21.860 | 26.040 | 25.507 | 24.735 | 22.72 |
| 1095.00 | 20.931 | 20.642 | 18.924 | 21.872 | 26.052 | 25.664 | 24.782 | 22.82 |
| 1110.00 | 20.931 | 20.642 | 18.924 | 21.853 | 26.046 | 25.585 | 24.754 | 22.73 |
| 1125.00 | 20.931 | 20.642 | 18.931 | 21.872 | 26.059 | 25.664 | 24.782 | 22.83 |
| 1140.00 | 20.931 | 20.651 | 18.931 | 21.872 | 26.052 | 25.585 | 24.773 | 22.80 |
| 1155.00 | 20.940 | 20.651 | 18.931 | 21.885 | 26.065 | 25.664 | 24.801 | 22.82 |
| 1170.00 | 20.940 | 20.651 | 18.937 | 21.904 | 26.078 | 25.664 | 24.839 | 22.88 |
| 1185.00 | 20.940 | 20.651 | 18.937 | 21.872 | 26.059 | 25.585 | 24.763 | 22.76 |
| 1200.00 | 20.950 | 20.661 | 18.943 | 21.879 | 26.072 | 25.585 | 24.792 | 22.80 |
| 1215.00 | 20.959 | 20.670 | 18.943 | 21.892 | 26.072 | 25.664 | 24.792 | 22.83 |



CHM 003 0757

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 | INPUT 7 | INPUT |
|---|---|---|---|---|---|---|---|---|
| 1230.00 | 20.959 | 20.670 | 18.943 | 21.879 | 26.072 | 25.664 | 24.792 | 22.86 |
| 1245.00 | 20.959 | 20.670 | 18.950 | 21.885 | 26.078 | 25.664 | 24.792 | 22.82 |
| 1260.00 | 20.969 | 20.680 | 18.950 | 21.892 | 26.078 | 25.664 | 24.792 | 22.82 |
| 1275.00 | 20.969 | 20.680 | 18.956 | 21.904 | 26.084 | 25.664 | 24.811 | 22.86 |
| 1290.00 | 20.969 | 20.680 | 18.956 | 21.911 | 26.084 | 25.664 | 24.830 | 22.87 |
| 1305.00 | 20.978 | 20.689 | 18.962 | 21.911 | 26.091 | 25.664 | 24.811 | 22.85 |
| 1320.00 | 20.978 | 20.689 | 18.962 | 21.911 | 26.084 | 25.664 | 24.811 | 22.86 |
| 1335.00 | 20.988 | 20.699 | 18.969 | 21.923 | 26.103 | 25.664 | 24.820 | 22.86 |
| 1350.00 | 20.988 | 20.699 | 18.975 | 21.917 | 26.103 | 25.664 | 24.820 | 22.85 |
| 1365.00 | 20.988 | 20.699 | 18.975 | 21.923 | 26.110 | 25.664 | 24.830 | 22.86 |
| 1380.00 | 20.997 | 20.708 | 18.981 | 21.936 | 26.116 | 25.664 | 24.839 | 22.87 |
| 1395.00 | 20.997 | 20.708 | 18.981 | 21.923 | 26.116 | 25.664 | 24.839 | 22.87 |
| 1410.00 | 21.007 | 20.718 | 18.988 | 21.936 | 26.129 | 25.664 | 24.849 | 22.88 |
| 1425.00 | 21.007 | 20.718 | 18.994 | 21.942 | 26.129 | 25.664 | 24.849 | 22.89 |
| 1440.00 | 21.007 | 20.727 | 19.000 | 21.942 | 26.135 | 25.664 | 24.858 | 22.89 |
| 1455.00 | 21.016 | 20.727 | 19.007 | 21.949 | 26.135 | 25.664 | 24.858 | 22.89 |
| 1470.00 | 21.016 | 20.737 | 19.007 | 21.955 | 26.148 | 25.664 | 40.408 | 22.86 |
| 1485.00 | 21.026 | 20.737 | 19.013 | 21.955 | 26.148 | 25.664 | 40.408 | 22.86 |
| 1500.00 | 21.026 | 20.737 | 19.019 | 21.955 | 26.148 | 25.664 | 40.408 | 22.87 |
| 1515.00 | 21.035 | 20.746 | 19.026 | 21.961 | 26.154 | 25.664 | 40.408 | 22.87 |
| 1530.00 | 21.035 | 20.746 | 19.032 | 21.968 | 26.154 | 25.664 | 40.408 | 22.89 |
| 1545.00 | 21.045 | 20.756 | 19.038 | 21.968 | 26.167 | 25.664 | 40.408 | 22.89 |
| 1560.00 | 21.045 | 20.756 | 19.038 | 21.974 | 26.167 | 25.664 | 40.408 | 22.89 |
| 1575.00 | 21.054 | 20.765 | 19.051 | 21.981 | 26.173 | 25.664 | 40.408 | 22.90 |
| 1590.00 | 21.054 | 20.765 | 19.051 | 21.981 | 26.173 | 25.664 | 40.408 | 22.89 |
| 1605.00 | 21.054 | 20.765 | 19.057 | 21.987 | 26.180 | 25.742 | 40.408 | 22.90 |
| 1620.00 | 21.054 | 20.765 | 19.057 | 21.987 | 26.180 | 25.742 | 40.408 | 22.91 |
| 1635.00 | 21.064 | 20.775 | 19.064 | 21.993 | 26.186 | 25.742 | 40.408 | 22.91 |
| 1650.00 | 21.064 | 20.775 | 19.070 | 21.993 | 26.192 | 25.742 | 40.408 | 22.91 |
| 1665.00 | 21.064 | 20.775 | 19.077 | 22.000 | 26.192 | 25.742 | 40.408 | 22.91 |
| 1680.00 | 21.064 | 20.784 | 19.083 | 21.993 | 26.199 | 25.742 | 40.408 | 22.91 |
| 1695.00 | 21.073 | 20.784 | 19.089 | 22.006 | 26.199 | 25.742 | 40.408 | 22.93 |
| 1710.00 | 21.073 | 20.784 | 19.089 | 22.006 | 26.205 | 25.742 | 40.408 | 22.94 |
| 1725.00 | 21.073 | 20.784 | 19.096 | 22.006 | 26.205 | 25.742 | 40.408 | 22.93 |
| 1740.00 | 21.073 | 20.784 | 19.102 | 22.006 | 26.205 | 25.742 | 40.408 | 22.93 |
| 1755.00 | 21.073 | 20.784 | 19.102 | 22.006 | 26.211 | 25.742 | 40.408 | 22.93 |
| 1770.00 | 21.083 | 20.794 | 19.108 | 22.012 | 26.211 | 25.742 | 40.408 | 22.94 |
| 1785.00 | 21.083 | 20.794 | 19.108 | 22.012 | 26.218 | 25.742 | 40.408 | 22.93 |
| 1800.00 | 21.083 | 20.794 | 19.115 | 22.012 | 26.218 | 25.742 | 40.408 | 22.93 |
| 1815.00 | 21.083 | 20.794 | 19.121 | 22.019 | 26.224 | 25.742 | 40.408 | 22.93 |
| 1830.00 | 21.092 | 20.803 | 19.127 | 22.019 | 26.224 | 25.742 | 40.408 | 22.94 |
| 1845.00 | 21.092 | 20.803 | 19.127 | 22.019 | 26.224 | 25.742 | 40.408 | 22.94 |
| 1860.00 | 21.092 | 20.803 | 19.134 | 22.019 | 26.224 | 25.742 | 40.408 | 22.95 |
| 1875.00 | 21.092 | 20.803 | 19.134 | 22.019 | 26.230 | 25.742 | 40.408 | 22.96 |
| 1890.00 | 21.092 | 20.803 | 19.140 | 22.019 | 26.230 | 25.742 | 40.408 | 22.95 |
| 1905.00 | 21.092 | 20.803 | 19.140 | 22.025 | 26.230 | 25.742 | 40.408 | 22.95 |
| 1920.00 | 21.092 | 20.813 | 19.140 | 22.019 | 26.230 | 25.742 | 40.408 | 22.96 |
| 1935.00 | 21.092 | 20.813 | 19.146 | 22.019 | 26.237 | 25.742 | 40.408 | 22.95 |
| 1950.00 | 21.102 | 20.813 | 19.146 | 22.019 | 26.237 | 25.742 | 40.408 | 22.94 |
| 1965.00 | 21.102 | 20.822 | 19.153 | 22.025 | 26.243 | 25.742 | 40.408 | 22.96 |
| 1980.00 | 21.102 | 20.822 | 19.153 | 22.025 | 26.250 | 25.742 | 40.408 | 22.96 |
| 1995.00 | 21.111 | 20.822 | 19.159 | 22.025 | 26.250 | 25.742 | 40.408 | 22.96 |
| 2010.00 | 21.111 | 20.832 | 19.159 | 22.025 | 26.250 | 25.742 | 40.408 | 22.96 |
| 2025.00 | 21.111 | 20.822 | 19.165 | 22.025 | 26.256 | 25.742 | 40.408 | 22.97 |



CHM 003 0758

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 | INPUT 7 | INPUT |
|---|---|---|---|---|---|---|---|---|
| 2040.00 | 21.111 | 20.832 | 19.165 | 22.031 | 26.256 | 25.821 | 40.408 | 22.97 |
| 2055.00 | 21.111 | 20.832 | 19.172 | 22.025 | 26.256 | 25.742 | 40.408 | 22.97 |
| 2070.00 | 21.111 | 20.832 | 19.172 | 22.031 | 26.256 | 25.742 | 40.408 | 22.98 |
| 2085.00 | 21.121 | 20.832 | 19.178 | 22.025 | 26.262 | 25.742 | 40.408 | 22.98 |
| 2100.00 | 21.121 | 20.832 | 19.178 | 22.031 | 26.262 | 25.742 | 40.408 | 22.97 |
| 2115.00 | 21.121 | 20.841 | 19.178 | 22.031 | 26.262 | 25.742 | 40.408 | 22.98 |
| 2130.00 | 21.121 | 20.841 | 19.184 | 22.031 | 26.262 | 25.742 | 40.408 | 22.98 |
| 2145.00 | 21.121 | 20.841 | 19.184 | 22.031 | 26.269 | 25.742 | 40.408 | 22.98 |
| 2160.00 | 21.121 | 20.841 | 19.184 | 22.031 | 26.262 | 25.742 | 40.408 | 22.98 |
| 2175.00 | 21.121 | 20.841 | 19.191 | 22.038 | 26.269 | 25.742 | 40.408 | 22.98 |
| 2190.00 | 21.130 | 20.841 | 19.191 | 22.031 | 26.269 | 25.742 | 40.408 | 22.98 |
| 2205.00 | 21.130 | 20.841 | 19.197 | 22.038 | 26.275 | 25.821 | 40.408 | 22.99 |
| 2220.00 | 21.130 | 20.841 | 19.197 | 22.038 | 26.275 | 25.742 | 40.408 | 22.98 |
| 2235.00 | 21.130 | 20.851 | 19.203 | 22.031 | 26.275 | 25.664 | 40.408 | 22.98 |
| 2250.00 | 21.130 | 20.851 | 19.203 | 22.038 | 26.275 | 25.664 | 40.408 | 22.99 |
| 2265.00 | 21.130 | 20.851 | 19.203 | 22.038 | 26.275 | 25.664 | 40.408 | 23.00 |
| 2280.00 | 21.130 | 20.851 | 19.210 | 22.038 | 26.281 | 25.664 | 40.408 | 23.00 |
| 2295.00 | 21.130 | 20.851 | 19.210 | 22.044 | 26.281 | 25.507 | 40.408 | 23.01 |
| 2310.00 | 21.130 | 20.851 | 19.210 | 22.044 | 26.288 | 25.349 | 40.408 | 23.01 |
| 2325.00 | 21.130 | 20.851 | 19.216 | 22.044 | 26.288 | 24.957 | 40.408 | 23.01 |
| 2340.00 | 21.130 | 20.851 | 19.216 | 22.044 | 26.288 | 24.328 | 40.408 | 23.01 |
| 2355.00 | 21.130 | 20.851 | 19.222 | 22.044 | 26.288 | 24.878 | 40.408 | 23.01 |
| 2370.00 | 21.130 | 20.851 | 19.222 | 22.044 | 26.294 | 25.585 | 40.408 | 23.01 |
| 2385.00 | 21.130 | 20.851 | 19.229 | 22.044 | 26.288 | 25.585 | 40.408 | 23.01 |
| 2400.00 | 21.130 | 20.851 | 19.229 | 22.044 | 26.288 | 25.664 | 40.408 | 23.01 |
| 2415.00 | 21.130 | 20.841 | 19.229 | 22.050 | 26.288 | 25.742 | 40.408 | 23.00 |
| 2430.00 | 21.130 | 20.851 | 19.235 | 22.050 | 26.294 | 25.742 | 40.408 | 23.01 |
| 2445.00 | 21.130 | 20.841 | 19.235 | 22.050 | 26.294 | 25.821 | 40.408 | 23.01 |
| 2460.00 | 21.130 | 20.851 | 19.235 | 22.050 | 26.294 | 25.821 | 40.408 | 23.00 |
| 2475.00 | 21.130 | 20.841 | 19.235 | 22.044 | 26.288 | 25.821 | 40.408 | 23.00 |
| 2490.00 | 21.130 | 20.841 | 19.241 | 22.050 | 26.294 | 25.900 | 40.408 | 22.99 |
| 2505.00 | 21.130 | 20.841 | 19.241 | 22.038 | 26.288 | 25.900 | 40.408 | 23.00 |
| 2520.00 | 21.130 | 20.841 | 19.241 | 22.044 | 26.288 | 25.900 | 40.408 | 22.97 |
| 2535.00 | 21.121 | 20.841 | 19.241 | 22.038 | 26.288 | 25.900 | 40.408 | 22.98 |
| 2550.00 | 21.121 | 20.841 | 19.241 | 22.031 | 26.281 | 25.900 | 40.408 | 22.98 |
| 2565.00 | 21.121 | 20.841 | 19.241 | 22.044 | 26.288 | 25.900 | 40.408 | 22.99 |
| 2580.00 | 21.121 | 20.841 | 19.241 | 22.044 | 26.288 | 25.900 | 40.408 | 23.00 |
| 2595.00 | 21.102 | 20.841 | 19.248 | 22.038 | 26.281 | 25.900 | 40.408 | 22.98 |
| 2610.00 | 21.102 | 20.832 | 19.241 | 22.038 | 26.288 | 25.900 | 40.408 | 22.98 |
| 2625.00 | 21.102 | 20.832 | 19.241 | 22.031 | 26.281 | 25.900 | 40.408 | 22.99 |
| 2640.00 | 21.102 | 20.832 | 19.241 | 22.031 | 26.288 | 25.900 | 40.408 | 22.97 |
| 2655.00 | 21.102 | 20.832 | 19.248 | 22.031 | 26.281 | 25.900 | 40.408 | 22.97 |
| 2670.00 | 21.092 | 20.832 | 19.248 | 22.025 | 26.281 | 25.821 | 40.408 | 22.95 |
| 2685.00 | 21.092 | 20.832 | 19.248 | 22.025 | 26.281 | 25.900 | 40.408 | 22.98 |
| 2700.00 | 21.092 | 20.822 | 19.241 | 22.019 | 26.281 | 25.821 | 40.408 | 22.96 |
| 2715.00 | 21.092 | 20.822 | 19.241 | 22.012 | 26.281 | 25.900 | 40.408 | 22.97 |
| 2730.00 | 21.083 | 20.822 | 19.241 | 22.012 | 26.275 | 25.821 | 40.408 | 22.97 |
| 2745.00 | 21.083 | 20.822 | 19.241 | 22.012 | 26.275 | 25.821 | 40.408 | 22.96 |
| 2760.00 | 21.083 | 20.822 | 19.241 | 22.012 | 26.275 | 25.821 | 40.408 | 22.96 |
| 2775.00 | 21.083 | 20.822 | 19.241 | 22.006 | 26.275 | 25.821 | 40.408 | 22.96 |
| 2790.00 | 21.083 | 20.822 | 19.241 | 22.006 | 26.275 | 25.821 | 40.408 | 22.96 |
| 2805.00 | 21.083 | 20.822 | 19.241 | 22.006 | 26.275 | 25.821 | 40.408 | 22.96 |
| 2820.00 | 21.083 | 20.822 | 19.241 | 22.006 | 26.281 | 25.821 | 40.408 | 22.96 |
| 2835.00 | 21.083 | 20.822 | 19.241 | 22.006 | 26.275 | 25.821 | 40.408 | 22.96 |



CHM 003 0759

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 | INPUT 7 | INPUT |
|---|---|---|---|---|---|---|---|---|
| 2850.00 | 21.083 | 20.822 | 19.241 | 22.006 | 26.281 | 25.742 | 40.408 | 22.96 |
| 2865.00 | 21.083 | 20.832 | 19.241 | 22.006 | 26.288 | 25.821 | 40.408 | 22.95 |
| 2880.00 | 21.083 | 20.832 | 19.248 | 22.019 | 26.281 | 25.821 | 40.408 | 22.99 |
| 2895.00 | 21.083 | 20.832 | 19.241 | 22.012 | 26.294 | 25.821 | 40.408 | 22.97 |
| 2910.00 | 21.083 | 20.832 | 19.248 | 22.012 | 26.294 | 25.821 | 40.408 | 22.96 |
| 2925.00 | 21.083 | 20.832 | 19.248 | 22.006 | 26.294 | 25.821 | 40.408 | 22.97 |
| 2940.00 | 21.083 | 20.832 | 19.248 | 22.006 | 26.288 | 25.821 | 40.408 | 22.96 |
| 2955.00 | 21.083 | 20.832 | 19.248 | 22.012 | 26.294 | 25.821 | 40.408 | 22.97 |
| 2970.00 | 21.092 | 20.832 | 19.254 | 22.012 | 26.294 | 25.821 | 40.408 | 22.98 |
| 2985.00 | 21.092 | 20.832 | 19.254 | 22.019 | 26.294 | 25.821 | 40.408 | 22.98 |
| 3000.00 | 21.092 | 20.832 | 19.254 | 22.019 | 26.294 | 25.821 | 40.408 | 22.99 |
| 3015.00 | 21.092 | 20.832 | 19.254 | 22.012 | 26.294 | 25.821 | 40.408 | 22.98 |
| 3030.00 | 21.092 | 20.832 | 19.254 | 22.012 | 26.294 | 25.821 | 40.408 | 22.99 |
| 3045.00 | 21.102 | 20.832 | 19.260 | 22.019 | 26.294 | 25.821 | 40.408 | 22.97 |
| 3060.00 | 21.102 | 20.832 | 19.260 | 22.019 | 26.294 | 25.821 | 40.408 | 22.98 |
| 3075.00 | 21.102 | 20.832 | 19.260 | 22.019 | 26.294 | 25.821 | 40.408 | 22.98 |
| 3090.00 | 21.111 | 20.832 | 19.260 | 22.019 | 26.294 | 25.821 | 40.408 | 22.98 |
| 3105.00 | 21.111 | 20.832 | 19.260 | 22.019 | 26.288 | 25.821 | 40.408 | 22.98 |
| 3120.00 | 21.111 | 20.832 | 19.260 | 22.019 | 26.294 | 25.821 | 40.408 | 22.99 |
| 3135.00 | 21.111 | 20.832 | 19.260 | 22.019 | 26.288 | 25.821 | 40.408 | 22.98 |
| 3150.00 | 21.111 | 20.832 | 19.260 | 22.019 | 26.288 | 25.821 | 40.408 | 22.98 |
| 3165.00 | 21.102 | 20.822 | 19.260 | 22.019 | 26.288 | 25.821 | 40.408 | 22.98 |
| 3180.00 | 21.111 | 20.822 | 19.260 | 22.019 | 26.288 | 25.821 | 40.408 | 22.97 |
| 3195.00 | 21.111 | 20.822 | 19.260 | 22.019 | 26.288 | 25.821 | 40.408 | 22.96 |
| 3210.00 | 21.102 | 20.822 | 19.260 | 22.012 | 26.288 | 25.821 | 40.408 | 22.97 |
| 3225.00 | 21.102 | 20.822 | 19.260 | 22.012 | 26.281 | 25.821 | 40.408 | 22.97 |
| 3240.00 | 21.102 | 20.822 | 19.260 | 22.012 | 43.909 | 25.114 | 40.408 | 22.97 |
| 3255.00 | 21.102 | 20.813 | 19.260 | 22.012 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3270.00 | 21.102 | 20.813 | 19.260 | 22.012 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3285.00 | 21.102 | 20.813 | 19.254 | 22.012 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3300.00 | 21.102 | 20.813 | 19.260 | 22.006 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3315.00 | 21.102 | 20.813 | 19.254 | 22.006 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3330.00 | 21.092 | 20.813 | 19.254 | 22.006 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3345.00 | 21.092 | 20.803 | 19.254 | 22.006 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3360.00 | 21.092 | 20.803 | 19.254 | 22.006 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3375.00 | 21.092 | 20.803 | 19.254 | 22.000 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3390.00 | 21.083 | 20.803 | 19.248 | 22.000 | 43.909 | 25.114 | 40.408 | 22.96 |
| 3405.00 | 21.083 | 20.803 | 19.248 | 22.000 | 43.909 | 25.114 | 40.408 | 22.95 |
| 3420.00 | 21.092 | 20.803 | 19.248 | 22.000 | 43.909 | 25.114 | 40.408 | 22.95 |
| 3435.00 | 21.083 | 20.803 | 19.248 | 22.000 | 43.909 | 25.114 | 40.408 | 22.95 |
| 3450.00 | 21.083 | 20.803 | 19.248 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3465.00 | 21.092 | 20.803 | 19.248 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3480.00 | 21.092 | 20.803 | 19.241 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3495.00 | 21.092 | 20.803 | 19.241 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3510.00 | 21.083 | 20.803 | 19.241 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3525.00 | 21.083 | 20.803 | 19.241 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3540.00 | 21.083 | 20.803 | 19.235 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3555.00 | 21.083 | 20.803 | 19.235 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3570.00 | 21.083 | 20.803 | 19.235 | 21.993 | 43.909 | 71.670 | 40.408 | 22.94 |
| 3585.00 | 21.083 | 20.803 | 19.235 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3600.00 | 21.083 | 20.803 | 19.235 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3615.00 | 21.083 | 20.803 | 19.229 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3630.00 | 21.092 | 20.803 | 19.229 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3645.00 | 21.083 | 20.803 | 19.229 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |



CHM 003 0760

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 | INPUT 7 | INPUT |
|---|---|---|---|---|---|---|---|---|
| 3660.00 | 21.083 | 20.803 | 19.229 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3675.00 | 21.092 | 20.803 | 19.229 | 21.993 | 43.909 | 71.670 | 40.408 | 22.96 |
| 3690.00 | 21.092 | 20.803 | 19.229 | 21.993 | 43.909 | 71.670 | 40.408 | 22.95 |
| 3705.00 | 21.092 | 20.803 | 19.222 | 21.993 | 43.909 | 71.670 | 40.408 | 22.96 |
| 3720.00 | 21.092 | 20.803 | 19.222 | 22.000 | 43.909 | 71.670 | 40.408 | 22.96 |
| 3735.00 | 21.092 | 20.803 | 19.222 | 22.000 | 43.909 | 71.670 | 40.408 | 22.98 |
| 3750.00 | 21.092 | 20.813 | 19.222 | 22.006 | 43.909 | 71.670 | 40.408 | 22.97 |
| 3765.00 | 21.102 | 20.813 | 19.222 | 22.006 | 43.909 | 71.670 | 40.408 | 22.98 |
| 3780.00 | 21.102 | 20.813 | 19.222 | 22.012 | 43.909 | 71.670 | 40.408 | 22.99 |
| 3795.00 | 21.102 | 20.813 | 19.222 | 22.012 | 43.909 | 71.670 | 40.408 | 22.98 |
| 3810.00 | 21.111 | 20.822 | 19.229 | 22.019 | 43.909 | 71.670 | 40.408 | 22.98 |
| 3825.00 | 21.121 | 20.822 | 19.229 | 22.025 | 43.909 | 71.670 | 40.408 | 22.99 |
| 3840.00 | 21.121 | 20.822 | 19.229 | 22.025 | 43.909 | 71.670 | 40.408 | 22.99 |
| 3855.00 | 21.121 | 20.822 | 19.229 | 22.031 | 43.909 | 71.670 | 40.408 | 23.00 |
| 3870.00 | 21.121 | 20.832 | 19.229 | 22.031 | 43.909 | 71.670 | 40.408 | 22.99 |



CHM 003 0761

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: BKG PUMP ZONE:

WELL ID: TW-2

SE1000B
Environmental Logger
11/22 11:36

Unit# 03010 Test# 0

INPUT 1: Level (F) TOC

Reference 0.00
Scale factor 20.04
Offset 0.00

Step# 0 11/19 16:30

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.24 |
| 15.0000 | -0.25 |
| 30.0000 | -0.27 |
| 45.0000 | -0.29 |
| 60.0000 | -0.30 |
| 75.0000 | -0.31 |
| 90.0000 | -0.32 |
| 105.000 | -0.34 |
| 120.000 | -0.34 |
| 135.000 | -0.36 |
| 150.000 | -0.37 |
| 165.000 | -0.37 |
| 180.000 | -0.38 |
| 195.000 | -0.39 |
| 210.000 | -0.39 |
| 225.000 | -0.41 |
| 240.000 | -0.42 |
| 255.000 | -0.43 |
| 270.000 | -0.43 |
| 285.000 | -0.43 |
| 300.000 | -0.43 |
| 315.000 | -0.44 |
| 330.000 | -0.45 |
| 345.000 | -0.46 |
| 360.000 | -0.46 |
| 375.000 | -0.47 |
| 390.000 | -0.48 |
| 405.000 | -0.48 |
| 420.000 | -0.48 |
| 435.000 | -0.48 |
| 450.000 | -0.49 |
| 465.000 | -0.50 |
| 480.000 | -0.49 |
| 495.000 | -0.50 |
| 510.000 | -0.51 |

| Elapsed Time | Value |
|---|---|
| 525.000 | -0.51 |
| 540.000 | -0.51 |
| 555.000 | -0.53 |
| 570.000 | -0.53 |
| 585.000 | -0.53 |
| 600.000 | -0.54 |
| 615.000 | -0.55 |
| 630.000 | -0.54 |
| 645.000 | -0.55 |
| 660.000 | -0.55 |
| 675.000 | -0.55 |
| 690.000 | -0.56 |
| 705.000 | -0.56 |
| 720.000 | -0.57 |
| 735.000 | -0.56 |
| 750.000 | -0.56 |
| 765.000 | -0.58 |
| 780.000 | -0.58 |
| 795.000 | -0.59 |
| 810.000 | -0.58 |
| 825.000 | -0.57 |
| 840.000 | -0.58 |
| 855.000 | -0.58 |
| 870.000 | -0.57 |
| 885.000 | -0.57 |
| 900.000 | -0.55 |
| 915.000 | -0.53 |
| 930.000 | -0.55 |
| 945.000 | -0.53 |
| 960.000 | -0.54 |
| 975.000 | -0.53 |
| 990.000 | -0.52 |
| 1005.00 | -0.52 |
| 1020.00 | -0.52 |
| 1035.00 | -0.52 |
| 1050.00 | -0.53 |
| 1065.00 | -0.53 |
| 1080.00 | -0.53 |
| 1095.00 | -0.51 |
| 1110.00 | -0.51 |
| 1125.00 | -0.53 |
| 1140.00 | -0.51 |
| 1155.00 | -0.50 |
| 1170.00 | -0.50 |
| 1185.00 | -0.51 |
| 1200.00 | -0.50 |
| 1215.00 | -0.48 |
| 1230.00 | -0.50 |
| 1245.00 | -0.49 |
| 1260.00 | -0.50 |
| 1275.00 | -0.53 |
| 1290.00 | -0.49 |
| 1305.00 | -0.49 |
| 1320.00 | -0.51 |



CHM 003 0763

| Elapsed Time | Value |
|---|---|
| 1335.00 | -0.47 |
| 1350.00 | -0.48 |
| 1365.00 | -0.48 |
| 1380.00 | -0.48 |
| 1395.00 | -0.48 |
| 1410.00 | -0.47 |
| 1425.00 | -0.45 |
| 1440.00 | -0.43 |
| 1455.00 | -0.44 |
| 1470.00 | -0.43 |
| 1485.00 | -0.44 |
| 1500.00 | -0.44 |
| 1515.00 | -0.43 |
| 1530.00 | -0.43 |
| 1545.00 | -0.43 |
| 1560.00 | -0.42 |
| 1575.00 | -0.41 |
| 1590.00 | -0.41 |
| 1605.00 | -0.41 |
| 1620.00 | -0.41 |
| 1635.00 | -0.40 |
| 1650.00 | -0.39 |
| 1665.00 | -0.39 |
| 1680.00 | -0.39 |
| 1695.00 | -0.38 |
| 1710.00 | -0.37 |
| 1725.00 | -0.38 |
| 1740.00 | -0.36 |
| 1755.00 | -0.36 |
| 1770.00 | -0.36 |
| 1785.00 | -0.36 |
| 1800.00 | -0.36 |
| 1815.00 | -0.36 |
| 1830.00 | -0.35 |
| 1845.00 | -0.34 |
| 1860.00 | -0.34 |
| 1875.00 | -0.35 |
| 1890.00 | -0.34 |
| 1905.00 | -0.34 |
| 1920.00 | -0.34 |
| 1935.00 | -0.34 |
| 1950.00 | -0.34 |
| 1965.00 | -0.34 |
| 1980.00 | -0.34 |
| 1995.00 | -0.34 |
| 2010.00 | -0.33 |
| 2025.00 | -0.32 |
| 2040.00 | -0.32 |
| 2055.00 | -0.32 |
| 2070.00 | -0.32 |
| 2085.00 | -0.31 |
| 2100.00 | -0.32 |
| 2115.00 | -0.32 |
| 2130.00 | -0.32 |



CHM 003 0764

| Elapsed Time | Value |
|---|---|
| 2145.00 | -0.32 |
| 2160.00 | -0.32 |
| 2175.00 | -0.31 |
| 2190.00 | -0.31 |
| 2205.00 | -0.31 |
| 2220.00 | -0.30 |
| 2235.00 | -0.31 |
| 2250.00 | -0.30 |
| 2265.00 | -0.30 |
| 2280.00 | -0.30 |
| 2295.00 | -0.30 |
| 2310.00 | -0.30 |
| 2325.00 | -0.29 |
| 2340.00 | -0.29 |
| 2355.00 | -0.29 |
| 2370.00 | -0.29 |
| 2385.00 | -0.27 |
| 2400.00 | -0.27 |
| 2415.00 | -0.27 |
| 2430.00 | -0.27 |
| 2445.00 | -0.27 |
| 2460.00 | -0.26 |
| 2475.00 | -0.25 |
| 2490.00 | -0.25 |
| 2505.00 | -0.25 |
| 2520.00 | -0.25 |
| 2535.00 | -0.25 |
| 2550.00 | -0.25 |
| 2565.00 | -0.26 |
| 2580.00 | -0.25 |
| 2595.00 | -0.25 |
| 2610.00 | -0.26 |
| 2625.00 | -0.25 |
| 2640.00 | -0.26 |
| 2655.00 | -0.25 |
| 2670.00 | -0.25 |
| 2685.00 | -0.25 |
| 2700.00 | -0.25 |
| 2715.00 | -0.25 |
| 2730.00 | -0.26 |
| 2745.00 | -0.25 |
| 2760.00 | -0.27 |
| 2775.00 | -0.27 |
| 2790.00 | -0.27 |
| 2805.00 | -0.27 |
| 2820.00 | -0.28 |
| 2835.00 | -0.27 |
| 2850.00 | -0.27 |
| 2865.00 | -0.27 |
| 2880.00 | -0.27 |
| 2895.00 | -0.27 |
| 2910.00 | -0.27 |
| 2925.00 | -0.26 |
| 2940.00 | -0.27 |



CHM 003 0765

| Elapsed Time | Value |
|---|---|
| 2955.00 | -0.25 |
| 2970.00 | -0.25 |
| 2985.00 | -0.25 |
| 3000.00 | -0.25 |
| 3015.00 | -0.26 |
| 3030.00 | -0.25 |
| 3045.00 | -0.25 |
| 3060.00 | -0.26 |
| 3075.00 | -0.25 |
| 3090.00 | -0.26 |
| 3105.00 | -0.26 |
| 3120.00 | -0.26 |
| 3135.00 | -0.26 |
| 3150.00 | -0.27 |
| 3165.00 | -0.26 |
| 3180.00 | -0.27 |
| 3195.00 | -0.27 |
| 3210.00 | -0.27 |
| 3225.00 | -0.27 |
| 3240.00 | -0.27 |
| 3255.00 | -0.27 |
| 3270.00 | -0.27 |
| 3285.00 | -0.27 |
| 3300.00 | -0.27 |
| 3315.00 | -0.27 |
| 3330.00 | -0.28 |
| 3345.00 | -0.28 |
| 3360.00 | -0.28 |
| 3375.00 | -0.29 |
| 3390.00 | -0.29 |
| 3405.00 | -0.29 |
| 3420.00 | -0.30 |
| 3435.00 | -0.30 |
| 3450.00 | -0.30 |
| 3465.00 | -0.30 |
| 3480.00 | -0.30 |
| 3495.00 | -0.30 |
| 3510.00 | -0.30 |
| 3525.00 | -0.30 |
| 3540.00 | -0.30 |
| 3555.00 | -0.31 |
| 3570.00 | -0.32 |
| 3585.00 | -0.31 |
| 3600.00 | -0.32 |
| 3615.00 | -0.32 |
| 3630.00 | -0.31 |
| 3645.00 | -0.32 |
| 3660.00 | -0.32 |
| 3675.00 | -0.32 |
| 3690.00 | -0.32 |
| 3705.00 | -0.32 |
| 3720.00 | -0.32 |
| 3735.00 | -0.32 |
| 3750.00 | -0.32 |



CHM 003 0766

| Elapsed Time | Value |
|---|---|
| 3765.00 | -0.32 |
| 3780.00 | -0.30 |
| 3795.00 | -0.30 |
| 3810.00 | -0.30 |
| 3825.00 | -0.29 |
| 3840.00 | -0.29 |
| 3855.00 | -0.29 |
| 3870.00 | -0.28 |
| 3885.00 | -0.27 |
| 3900.00 | -0.27 |
| 3915.00 | -0.27 |
| 3930.00 | -0.26 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: BKG PUMP ZONE:

WELL ID: TW-3

SE1000B
Environmental Logger
11/22 11:41

Unit# 03010 Test# 0

INPUT 2: Level (F) TOC

Reference 0.00
Scale factor 29.98
Offset - 0.01

Step# 0 11/19 16:30

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.17 |
| 15.0000 | -0.18 |
| 30.0000 | -0.20 |
| 45.0000 | -0.22 |
| 60.0000 | -0.23 |
| 75.0000 | -0.23 |
| 90.0000 | -0.25 |
| 105.000 | -0.26 |
| 120.000 | -0.27 |
| 135.000 | -0.28 |
| 150.000 | -0.28 |
| 165.000 | -0.29 |
| 180.000 | -0.30 |
| 195.000 | -0.31 |
| 210.000 | -0.32 |
| 225.000 | -0.33 |
| 240.000 | -0.34 |
| 255.000 | -0.34 |
| 270.000 | -0.34 |
| 285.000 | -0.33 |
| 300.000 | -0.34 |
| 315.000 | -0.34 |
| 330.000 | -0.35 |
| 345.000 | -0.36 |
| 360.000 | -0.36 |
| 375.000 | -0.37 |
| 390.000 | -0.38 |
| 405.000 | -0.38 |
| 420.000 | -0.38 |
| 435.000 | -0.38 |
| 450.000 | -0.39 |
| 465.000 | -0.40 |
| 480.000 | -0.40 |
| 495.000 | -0.40 |
| 510.000 | -0.41 |



CHM 003 0768

| Elapsed Time | Value |
|---|---|
| 525.000 | -0.42 |
| 540.000 | -0.42 |
| 555.000 | -0.43 |
| 570.000 | -0.43 |
| 585.000 | -0.43 |
| 600.000 | -0.44 |
| 615.000 | -0.44 |
| 630.000 | -0.44 |
| 645.000 | -0.45 |
| 660.000 | -0.46 |
| 675.000 | -0.46 |
| 690.000 | -0.46 |
| 705.000 | -0.47 |
| 720.000 | -0.47 |
| 735.000 | -0.47 |
| 750.000 | -0.47 |
| 765.000 | -0.48 |
| 780.000 | -0.48 |
| 795.000 | -0.49 |
| 810.000 | -0.49 |
| 825.000 | -0.48 |
| 840.000 | -0.48 |
| 855.000 | -0.48 |
| 870.000 | -0.48 |
| 885.000 | -0.47 |
| 900.000 | -0.45 |
| 915.000 | -0.41 |
| 930.000 | -0.42 |
| 945.000 | -0.42 |
| 960.000 | -0.41 |
| 975.000 | -0.40 |
| 990.000 | -0.40 |
| 1005.00 | -0.39 |
| 1020.00 | -0.39 |
| 1035.00 | -0.39 |
| 1050.00 | -0.39 |
| 1065.00 | -0.39 |
| 1080.00 | -0.40 |
| 1095.00 | -0.37 |
| 1110.00 | -0.36 |
| 1125.00 | -0.38 |
| 1140.00 | -0.37 |
| 1155.00 | -0.36 |
| 1170.00 | -0.36 |
| 1185.00 | -0.38 |
| 1200.00 | -0.36 |
| 1215.00 | -0.35 |
| 1230.00 | -0.36 |
| 1245.00 | -0.36 |
| 1260.00 | -0.37 |
| 1275.00 | -0.40 |
| 1290.00 | -0.38 |
| 1305.00 | -0.37 |
| 1320.00 | -0.38 |

| Elapsed Time | Value |
|---|---|
| 1335.00 | -0.36 |
| 1350.00 | -0.36 |
| 1365.00 | -0.36 |
| 1380.00 | -0.36 |
| 1395.00 | -0.35 |
| 1410.00 | -0.35 |
| 1425.00 | -0.35 |
| 1440.00 | -0.35 |
| 1455.00 | -0.34 |
| 1470.00 | -0.34 |
| 1485.00 | -0.34 |
| 1500.00 | -0.33 |
| 1515.00 | -0.33 |
| 1530.00 | -0.33 |
| 1545.00 | -0.32 |
| 1560.00 | -0.32 |
| 1575.00 | -0.31 |
| 1590.00 | -0.31 |
| 1605.00 | -0.31 |
| 1620.00 | -0.30 |
| 1635.00 | -0.30 |
| 1650.00 | -0.30 |
| 1665.00 | -0.29 |
| 1680.00 | -0.29 |
| 1695.00 | -0.29 |
| 1710.00 | -0.28 |
| 1725.00 | -0.28 |
| 1740.00 | -0.27 |
| 1755.00 | -0.24 |
| 1770.00 | -0.24 |
| 1785.00 | -0.24 |
| 1800.00 | -0.25 |
| 1815.00 | -0.24 |
| 1830.00 | -0.25 |
| 1845.00 | -0.24 |
| 1860.00 | -0.24 |
| 1875.00 | -0.24 |
| 1890.00 | -0.24 |
| 1905.00 | -0.24 |
| 1920.00 | -0.24 |
| 1935.00 | -0.24 |
| 1950.00 | -0.24 |
| 1965.00 | -0.24 |
| 1980.00 | -0.24 |
| 1995.00 | -0.23 |
| 2010.00 | -0.23 |
| 2025.00 | -0.23 |
| 2040.00 | -0.23 |
| 2055.00 | -0.22 |
| 2070.00 | -0.22 |
| 2085.00 | -0.21 |
| 2100.00 | -0.21 |
| 2115.00 | -0.21 |
| 2130.00 | -0.21 |



CHM 003 0770

| Elapsed Time | Value |
|---|---|
| 2145.00 | -0.21 |
| 2160.00 | -0.21 |
| 2175.00 | -0.21 |
| 2190.00 | -0.21 |
| 2205.00 | -0.21 |
| 2220.00 | -0.21 |
| 2235.00 | -0.21 |
| 2250.00 | -0.20 |
| 2265.00 | -0.20 |
| 2280.00 | -0.20 |
| 2295.00 | -0.20 |
| 2310.00 | -0.20 |
| 2325.00 | -0.19 |
| 2340.00 | -0.19 |
| 2355.00 | -0.18 |
| 2370.00 | -0.18 |
| 2385.00 | -0.17 |
| 2400.00 | -0.17 |
| 2415.00 | -0.17 |
| 2430.00 | -0.17 |
| 2445.00 | -0.16 |
| 2460.00 | -0.16 |
| 2475.00 | -0.15 |
| 2490.00 | -0.15 |
| 2505.00 | -0.14 |
| 2520.00 | -0.15 |
| 2535.00 | -0.14 |
| 2550.00 | -0.14 |
| 2565.00 | -0.15 |
| 2580.00 | -0.15 |
| 2595.00 | -0.14 |
| 2610.00 | -0.14 |
| 2625.00 | -0.13 |
| 2640.00 | -0.13 |
| 2655.00 | -0.13 |
| 2670.00 | -0.12 |
| 2685.00 | -0.12 |
| 2700.00 | -0.12 |
| 2715.00 | -0.12 |
| 2730.00 | -0.12 |
| 2745.00 | -0.12 |
| 2760.00 | -0.13 |
| 2775.00 | -0.13 |
| 2790.00 | -0.13 |
| 2805.00 | -0.13 |
| 2820.00 | -0.14 |
| 2835.00 | -0.14 |
| 2850.00 | -0.13 |
| 2865.00 | -0.13 |
| 2880.00 | -0.14 |
| 2895.00 | -0.14 |
| 2910.00 | -0.13 |
| 2925.00 | -0.12 |
| 2940.00 | -0.13 |



CHM 003 0771

| Elapsed Time | Value |
|---|---|
| 2955.00 | -0.12 |
| 2970.00 | -0.12 |
| 2985.00 | -0.13 |
| 3000.00 | -0.12 |
| 3015.00 | -0.12 |
| 3030.00 | -0.13 |
| 3045.00 | -0.12 |
| 3060.00 | -0.13 |
| 3075.00 | -0.12 |
| 3090.00 | -0.13 |
| 3105.00 | -0.13 |
| 3120.00 | -0.13 |
| 3135.00 | -0.13 |
| 3150.00 | -0.14 |
| 3165.00 | -0.14 |
| 3180.00 | -0.14 |
| 3195.00 | -0.14 |
| 3210.00 | -0.14 |
| 3225.00 | -0.13 |
| 3240.00 | -0.14 |
| 3255.00 | -0.14 |
| 3270.00 | -0.14 |
| 3285.00 | -0.14 |
| 3300.00 | -0.14 |
| 3315.00 | -0.14 |
| 3330.00 | -0.14 |
| 3345.00 | -0.15 |
| 3360.00 | -0.15 |
| 3375.00 | -0.15 |
| 3390.00 | -0.16 |
| 3405.00 | -0.16 |
| 3420.00 | -0.17 |
| 3435.00 | -0.17 |
| 3450.00 | -0.17 |
| 3465.00 | -0.17 |
| 3480.00 | -0.17 |
| 3495.00 | -0.17 |
| 3510.00 | -0.17 |
| 3525.00 | -0.17 |
| 3540.00 | -0.17 |
| 3555.00 | -0.18 |
| 3570.00 | -0.18 |
| 3585.00 | -0.18 |
| 3600.00 | -0.18 |
| 3615.00 | -0.18 |
| 3630.00 | -0.19 |
| 3645.00 | -0.19 |
| 3660.00 | -0.19 |
| 3675.00 | -0.19 |
| 3690.00 | -0.19 |
| 3705.00 | -0.19 |
| 3720.00 | -0.19 |
| 3735.00 | -0.19 |
| 3750.00 | -0.18 |



CHM 003 0772

| Elapsed Time | Value |
|---|---|
| 3765.00 | -0.18 |
| 3780.00 | -0.17 |
| 3795.00 | -0.17 |
| 3810.00 | -0.17 |
| 3825.00 | -0.17 |
| 3840.00 | -0.17 |
| 3855.00 | -0.16 |
| 3870.00 | -0.15 |
| 3885.00 | -0.14 |
| 3900.00 | -0.14 |
| 3915.00 | -0.13 |
| 3930.00 | -0.10 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 1 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: C-9

SE1000B
Environmental Logger
11/23 17:16

Unit# 03010 Test# 0

INPUT 2: Level (F) TOC

Reference 10.00
Scale factor 29.98
Offset - 0.01

Step# 0 11/23 08:00

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.00 |
| 2.0000 | 10.00 |
| 4.0000 | 10.00 |
| 6.0000 | 10.00 |
| 8.0000 | 10.00 |
| 10.0000 | 10.00 |
| 12.0000 | 10.00 |
| 14.0000 | 10.00 |
| 16.0000 | 10.00 |
| 18.0000 | 10.00 |
| 20.0000 | 10.00 |
| 22.0000 | 10.00 |
| 24.0000 | 10.00 |
| 26.0000 | 10.01 |
| 28.0000 | 10.01 |
| 30.0000 | 10.01 |
| 32.0000 | 10.01 |
| 34.0000 | 10.01 |
| 36.0000 | 10.01 |
| 38.0000 | 10.01 |
| 40.0000 | 10.01 |
| 42.0000 | 10.01 |
| 44.0000 | 10.01 |
| 46.0000 | 10.01 |
| 48.0000 | 10.01 |
| 50.0000 | 10.01 |
| 52.0000 | 10.02 |
| 54.0000 | 10.02 |
| 56.0000 | 10.02 |
| 58.0000 | 10.01 |
| 60.0000 | 10.01 |
| 62.0000 | 10.02 |
| 64.0000 | 10.00 |
| 66.0000 | 10.00 |
| 68.0000 | 10.01 |

| Elapsed Time | Value |
|---|---|
| 70.0000 | 10.00 |
| 72.0000 | 10.01 |
| 74.0000 | 10.00 |
| 76.0000 | 10.01 |
| 78.0000 | 10.00 |
| 80.0000 | 10.00 |
| 82.0000 | 10.00 |
| 84.0000 | 10.00 |
| 86.0000 | 10.00 |
| 88.0000 | 10.01 |
| 90.0000 | 10.01 |
| 92.0000 | 10.01 |
| 94.0000 | 10.01 |
| 96.0000 | 10.01 |
| 98.0000 | 10.02 |
| 100.000 | 10.01 |
| 102.000 | 10.02 |
| 104.000 | 10.02 |
| 106.000 | 10.02 |
| 108.000 | 10.02 |
| 110.000 | 10.02 |
| 112.000 | 10.02 |
| 114.000 | 10.02 |
| 116.000 | 10.02 |
| 118.000 | 10.02 |
| 120.000 | 10.02 |
| 122.000 | 10.02 |
| 124.000 | 10.02 |
| 126.000 | 10.02 |
| 128.000 | 10.02 |
| 130.000 | 10.02 |
| 132.000 | 10.02 |
| 134.000 | 10.02 |
| 136.000 | 10.02 |
| 138.000 | 10.02 |
| 140.000 | 10.02 |
| 142.000 | 10.02 |
| 144.000 | 10.02 |
| 146.000 | 10.02 |
| 148.000 | 10.02 |
| 150.000 | 10.02 |
| 152.000 | 10.02 |
| 154.000 | 10.02 |
| 156.000 | 10.02 |
| 158.000 | 10.02 |
| 160.000 | 10.02 |
| 162.000 | 10.00 |
| 164.000 | 10.02 |
| 166.000 | 10.02 |
| 168.000 | 10.01 |
| 170.000 | 10.00 |
| 172.000 | 10.00 |
| 174.000 | 10.00 |
| 176.000 | 10.00 |



CHM 003 0775

| Elapsed Time | Value |
|---|---|
| 178.000 | 10.00 |
| 180.000 | 10.00 |
| 182.000 | 10.00 |
| 184.000 | 10.00 |
| 186.000 | 10.00 |
| 188.000 | 10.00 |
| 190.000 | 10.00 |
| 192.000 | 10.00 |
| 194.000 | 10.00 |
| 196.000 | 10.00 |
| 198.000 | 9.99 |
| 200.000 | 9.99 |
| 202.000 | 9.99 |
| 204.000 | 9.99 |
| 206.000 | 9.99 |
| 208.000 | 9.99 |
| 210.000 | 9.99 |
| 212.000 | 9.99 |
| 214.000 | 9.98 |
| 216.000 | 9.98 |
| 218.000 | 10.00 |
| 220.000 | 10.03 |
| 222.000 | 10.02 |
| 224.000 | 10.01 |
| 226.000 | 10.00 |
| 228.000 | 10.00 |
| 230.000 | 10.00 |
| 232.000 | 10.00 |
| 234.000 | 10.00 |
| 236.000 | 10.00 |
| 238.000 | 10.00 |
| 240.000 | 10.00 |
| 242.000 | 10.00 |
| 244.000 | 10.00 |
| 246.000 | 10.00 |
| 248.000 | 10.00 |
| 250.000 | 10.00 |
| 252.000 | 9.99 |
| 254.000 | 9.99 |
| 256.000 | 9.99 |
| 258.000 | 9.99 |
| 260.000 | 9.99 |
| 262.000 | 10.00 |
| 264.000 | 10.00 |
| 266.000 | 10.00 |
| 268.000 | 10.00 |
| 270.000 | 10.00 |
| 272.000 | 10.00 |
| 274.000 | 10.00 |
| 276.000 | 10.00 |
| 278.000 | 10.00 |
| 280.000 | 10.00 |
| 282.000 | 10.00 |
| 284.000 | 10.00 |



CHM 003 0776

| Elapsed Time | Value |
|---|---|
| 286.000 | 10.00 |
| 288.000 | 10.00 |
| 290.000 | 10.01 |
| 292.000 | 10.01 |
| 294.000 | 10.01 |
| 296.000 | 10.01 |
| 298.000 | 10.01 |
| 300.000 | 10.01 |
| 302.000 | 10.01 |
| 304.000 | 10.01 |
| 306.000 | 10.01 |
| 308.000 | 10.01 |
| 310.000 | 10.00 |
| 312.000 | 10.01 |
| 314.000 | 10.01 |
| 316.000 | 10.01 |
| 318.000 | 10.01 |
| 320.000 | 10.00 |
| 322.000 | 10.00 |
| 324.000 | 10.00 |
| 326.000 | 10.00 |
| 328.000 | 10.00 |
| 330.000 | 10.00 |
| 332.000 | 10.00 |
| 334.000 | 10.00 |
| 336.000 | 10.00 |
| 338.000 | 10.00 |
| 340.000 | 10.00 |
| 342.000 | 10.00 |
| 344.000 | 10.00 |
| 346.000 | 10.00 |
| 348.000 | 10.00 |
| 350.000 | 10.00 |
| 352.000 | 10.00 |
| 354.000 | 10.00 |
| 356.000 | 10.00 |
| 358.000 | 10.00 |
| 360.000 | 10.00 |
| 362.000 | 10.00 |
| 364.000 | 10.01 |
| 366.000 | 10.00 |
| 368.000 | 10.00 |
| 370.000 | 10.00 |
| 372.000 | 10.00 |
| 374.000 | 10.01 |
| 376.000 | 10.01 |
| 378.000 | 10.00 |
| 380.000 | 9.95 |



CHM 003 0777

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 1 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: DMW-1

SE1000B
Environmental Logger
11/23 17:29

Unit# 02010 Test# 0

INPUT 1: Level (F) TOC

Reference 10.00
Scale factor 20.05
Offset - 0.04

Step# 0 11/23 07:30

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.00 |
| 2.0000 | 10.00 |
| 4.0000 | 10.00 |
| 6.0000 | 10.00 |
| 8.0000 | 10.00 |
| 10.0000 | 9.99 |
| 12.0000 | 10.00 |
| 14.0000 | 10.00 |
| 16.0000 | 10.00 |
| 18.0000 | 10.00 |
| 20.0000 | 10.00 |
| 22.0000 | 10.00 |
| 24.0000 | 10.00 |
| 26.0000 | 10.00 |
| 28.0000 | 10.00 |
| 30.0000 | 10.00 |
| 32.0000 | 10.00 |
| 34.0000 | 10.00 |
| 36.0000 | 10.00 |
| 38.0000 | 10.01 |
| 40.0000 | 10.00 |
| 42.0000 | 10.01 |
| 44.0000 | 10.01 |
| 46.0000 | 10.01 |
| 48.0000 | 10.01 |
| 50.0000 | 10.01 |
| 52.0000 | 10.01 |
| 54.0000 | 10.01 |
| 56.0000 | 10.01 |
| 58.0000 | 10.01 |
| 60.0000 | 10.01 |
| 62.0000 | 10.01 |
| 64.0000 | 10.01 |
| 66.0000 | 10.01 |
| 68.0000 | 10.01 |



CHM 003 0778

| Elapsed Time | Value |
|---|---|
| 70.0000 | 10.01 |
| 72.0000 | 10.01 |
| 74.0000 | 10.02 |
| 76.0000 | 10.01 |
| 78.0000 | 10.01 |
| 80.0000 | 10.02 |
| 82.0000 | 10.02 |
| 84.0000 | 10.02 |
| 86.0000 | 10.02 |
| 88.0000 | 10.01 |
| 90.0000 | 10.02 |
| 92.0000 | 10.02 |
| 94.0000 | 10.02 |
| 96.0000 | 10.02 |
| 98.0000 | 10.01 |
| 100.000 | 10.01 |
| 102.000 | 10.01 |
| 104.000 | 10.01 |
| 106.000 | 10.01 |
| 108.000 | 10.01 |
| 110.000 | 10.01 |
| 112.000 | 10.01 |
| 114.000 | 10.01 |
| 116.000 | 10.01 |
| 118.000 | 10.01 |
| 120.000 | 10.01 |
| 122.000 | 10.01 |
| 124.000 | 10.01 |
| 126.000 | 10.01 |
| 128.000 | 10.01 |
| 130.000 | 10.01 |
| 132.000 | 10.01 |
| 134.000 | 10.02 |
| 136.000 | 10.02 |
| 138.000 | 10.01 |
| 140.000 | 10.02 |
| 142.000 | 10.01 |
| 144.000 | 10.01 |
| 146.000 | 10.01 |
| 148.000 | 10.02 |
| 150.000 | 10.02 |
| 152.000 | 10.02 |
| 154.000 | 10.02 |
| 156.000 | 10.02 |
| 158.000 | 10.02 |
| 160.000 | 10.02 |
| 162.000 | 10.02 |
| 164.000 | 10.02 |
| 166.000 | 10.02 |
| 168.000 | 10.02 |
| 170.000 | 10.02 |
| 172.000 | 10.02 |
| 174.000 | 10.02 |
| 176.000 | 10.02 |

| Elapsed Time | Value |
|---|---|
| 178.000 | 10.02 |
| 180.000 | 10.02 |
| 182.000 | 10.02 |
| 184.000 | 10.02 |
| 186.000 | 10.02 |
| 188.000 | 10.02 |
| 190.000 | 10.02 |
| 192.000 | 10.02 |
| 194.000 | 10.02 |
| 196.000 | 10.02 |
| 198.000 | 10.02 |
| 200.000 | 10.02 |
| 202.000 | 10.02 |
| 204.000 | 10.02 |
| 206.000 | 10.02 |
| 208.000 | 10.02 |
| 210.000 | 10.02 |
| 212.000 | 10.02 |
| 214.000 | 10.02 |
| 216.000 | 10.03 |
| 218.000 | 10.03 |
| 220.000 | 10.02 |
| 222.000 | 10.03 |
| 224.000 | 10.03 |
| 226.000 | 10.02 |
| 228.000 | 10.03 |
| 230.000 | 10.03 |
| 232.000 | 10.03 |
| 234.000 | 10.03 |
| 236.000 | 10.03 |
| 238.000 | 10.03 |
| 240.000 | 10.03 |
| 242.000 | 10.03 |
| 244.000 | 10.03 |
| 246.000 | 10.03 |
| 248.000 | 10.03 |
| 250.000 | 10.03 |
| 252.000 | 10.03 |
| 254.000 | 10.03 |
| 256.000 | 10.03 |
| 258.000 | 10.03 |
| 260.000 | 10.03 |
| 262.000 | 10.03 |
| 264.000 | 10.03 |
| 266.000 | 10.03 |
| 268.000 | 10.03 |
| 270.000 | 10.04 |
| 272.000 | 10.04 |
| 274.000 | 10.04 |
| 276.000 | 10.04 |
| 278.000 | 10.05 |
| 280.000 | 10.05 |
| 282.000 | 10.05 |
| 284.000 | 10.05 |



CHM 003 0780

| Elapsed Time | Value |
|---|---|
| 286.000 | 10.05 |
| 288.000 | 10.05 |
| 290.000 | 10.05 |
| 292.000 | 10.05 |
| 294.000 | 10.06 |
| 296.000 | 10.06 |
| 298.000 | 10.05 |
| 300.000 | 10.06 |
| 302.000 | 10.07 |
| 304.000 | 10.07 |
| 306.000 | 10.07 |
| 308.000 | 10.07 |
| 310.000 | 10.07 |
| 312.000 | 10.07 |
| 314.000 | 10.07 |
| 316.000 | 10.08 |
| 318.000 | 10.08 |
| 320.000 | 10.08 |
| 322.000 | 10.08 |
| 324.000 | 10.08 |
| 326.000 | 10.09 |
| 328.000 | 10.09 |
| 330.000 | 10.09 |
| 332.000 | 10.09 |
| 334.000 | 10.10 |
| 336.000 | 10.09 |
| 338.000 | 10.10 |
| 340.000 | 10.10 |
| 342.000 | 10.10 |
| 344.000 | 10.10 |
| 346.000 | 10.10 |
| 348.000 | 10.10 |
| 350.000 | 10.10 |
| 352.000 | 10.11 |
| 354.000 | 10.11 |
| 356.000 | 10.11 |
| 358.000 | 10.11 |
| 360.000 | 10.11 |
| 362.000 | 10.11 |
| 364.000 | 10.12 |
| 366.000 | 10.12 |
| 368.000 | 10.12 |
| 370.000 | 10.11 |
| 372.000 | 10.12 |
| 374.000 | 10.12 |
| 376.000 | 10.12 |
| 378.000 | 10.12 |
| 380.000 | 10.12 |
| 382.000 | 10.12 |
| 384.000 | 10.13 |
| 386.000 | 10.12 |
| 388.000 | 10.12 |
| 390.000 | 10.13 |
| 392.000 | 10.13 |



CHM 003 0781

| Elapsed Time | Value |
|---|---|
| 394.000 | 10.13 |
| 396.000 | 10.13 |
| 398.000 | 10.13 |
| 400.000 | 10.13 |
| 402.000 | 10.13 |
| 404.000 | 10.13 |
| 406.000 | 10.13 |
| 408.000 | 10.13 |
| 410.000 | 10.13 |
| 412.000 | 10.13 |
| 414.000 | 10.13 |
| 416.000 | 10.13 |
| 418.000 | 10.13 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 1 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: DMW-2

SE1000B
Environmental Logger
11/23 17:35

Unit# 02010 Test# 0

INPUT 2: Level (F) TOC

Reference 10.00
Scale factor 20.02
Offset - 0.02

Step# 0 11/23 07:30

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.00 |
| 2.0000 | 10.00 |
| 4.0000 | 10.00 |
| 6.0000 | 10.00 |
| 8.0000 | 10.00 |
| 10.0000 | 10.00 |
| 12.0000 | 10.01 |
| 14.0000 | 10.01 |
| 16.0000 | 10.01 |
| 18.0000 | 10.01 |
| 20.0000 | 10.01 |
| 22.0000 | 10.01 |
| 24.0000 | 10.01 |
| 26.0000 | 10.01 |
| 28.0000 | 10.01 |
| 30.0000 | 10.01 |
| 32.0000 | 10.02 |
| 34.0000 | 10.02 |
| 36.0000 | 10.02 |
| 38.0000 | 10.02 |
| 40.0000 | 10.02 |
| 42.0000 | 10.03 |
| 44.0000 | 10.03 |
| 46.0000 | 10.03 |
| 48.0000 | 10.03 |
| 50.0000 | 10.03 |
| 52.0000 | 10.03 |
| 54.0000 | 10.04 |
| 56.0000 | 10.04 |
| 58.0000 | 10.04 |
| 60.0000 | 10.04 |
| 62.0000 | 10.04 |
| 64.0000 | 10.05 |
| 66.0000 | 10.04 |
| 68.0000 | 10.04 |

| Elapsed Time | Value |
|---|---|
| 70.0000 | 10.04 |
| 72.0000 | 10.04 |
| 74.0000 | 10.05 |
| 76.0000 | 10.04 |
| 78.0000 | 10.05 |
| 80.0000 | 10.05 |
| 82.0000 | 10.05 |
| 84.0000 | 10.05 |
| 86.0000 | 10.05 |
| 88.0000 | 10.05 |
| 90.0000 | 10.05 |
| 92.0000 | 10.05 |
| 94.0000 | 10.05 |
| 96.0000 | 10.05 |
| 98.0000 | 10.05 |
| 100.000 | 10.05 |
| 102.000 | 10.05 |
| 104.000 | 10.05 |
| 106.000 | 10.05 |
| 108.000 | 10.05 |
| 110.000 | 10.05 |
| 112.000 | 10.05 |
| 114.000 | 10.05 |
| 116.000 | 10.05 |
| 118.000 | 10.05 |
| 120.000 | 10.05 |
| 122.000 | 10.05 |
| 124.000 | 10.05 |
| 126.000 | 10.05 |
| 128.000 | 10.05 |
| 130.000 | 10.05 |
| 132.000 | 10.05 |
| 134.000 | 10.05 |
| 136.000 | 10.06 |
| 138.000 | 10.06 |
| 140.000 | 10.06 |
| 142.000 | 10.06 |
| 144.000 | 10.05 |
| 146.000 | 10.06 |
| 148.000 | 10.06 |
| 150.000 | 10.06 |
| 152.000 | 10.06 |
| 154.000 | 10.06 |
| 156.000 | 10.06 |
| 158.000 | 10.06 |
| 160.000 | 10.06 |
| 162.000 | 10.06 |
| 164.000 | 10.06 |
| 166.000 | 10.06 |
| 168.000 | 10.06 |
| 170.000 | 10.06 |
| 172.000 | 10.06 |
| 174.000 | 10.06 |
| 176.000 | 10.06 |

| Elapsed Time | Value |
|---|---|
| 178.000 | 10.06 |
| 180.000 | 10.06 |
| 182.000 | 10.06 |
| 184.000 | 10.06 |
| 186.000 | 10.06 |
| 188.000 | 10.06 |
| 190.000 | 10.06 |
| 192.000 | 10.06 |
| 194.000 | 10.06 |
| 196.000 | 10.06 |
| 198.000 | 10.06 |
| 200.000 | 10.06 |
| 202.000 | 10.06 |
| 204.000 | 10.06 |
| 206.000 | 10.06 |
| 208.000 | 10.06 |
| 210.000 | 10.06 |
| 212.000 | 10.06 |
| 214.000 | 10.06 |
| 216.000 | 10.06 |
| 218.000 | 10.07 |
| 220.000 | 10.06 |
| 222.000 | 10.06 |
| 224.000 | 10.07 |
| 226.000 | 10.07 |
| 228.000 | 10.07 |
| 230.000 | 10.07 |
| 232.000 | 10.07 |
| 234.000 | 10.07 |
| 236.000 | 10.07 |
| 238.000 | 10.07 |
| 240.000 | 10.07 |
| 242.000 | 10.07 |
| 244.000 | 10.07 |
| 246.000 | 10.07 |
| 248.000 | 10.07 |
| 250.000 | 10.07 |
| 252.000 | 10.07 |
| 254.000 | 10.07 |
| 256.000 | 10.06 |
| 258.000 | 10.07 |
| 260.000 | 10.07 |
| 262.000 | 10.07 |
| 264.000 | 10.07 |
| 266.000 | 10.07 |
| 268.000 | 10.07 |
| 270.000 | 10.07 |
| 272.000 | 10.07 |
| 274.000 | 10.07 |
| 276.000 | 10.07 |
| 278.000 | 10.07 |
| 280.000 | 10.08 |
| 282.000 | 10.08 |
| 284.000 | 10.08 |



CHM 003 0785

| Elapsed Time | Value |
|---|---|
| 286.000 | 10.08 |
| 288.000 | 10.08 |
| 290.000 | 10.08 |
| 292.000 | 10.08 |
| 294.000 | 10.08 |
| 296.000 | 10.08 |
| 298.000 | 10.07 |
| 300.000 | 10.08 |
| 302.000 | 10.08 |
| 304.000 | 10.08 |
| 306.000 | 10.08 |
| 308.000 | 10.09 |
| 310.000 | 10.08 |
| 312.000 | 10.08 |
| 314.000 | 10.08 |
| 316.000 | 10.08 |
| 318.000 | 10.09 |
| 320.000 | 10.09 |
| 322.000 | 10.09 |
| 324.000 | 10.09 |
| 326.000 | 10.10 |
| 328.000 | 10.09 |
| 330.000 | 10.10 |
| 332.000 | 10.10 |
| 334.000 | 10.10 |
| 336.000 | 10.10 |
| 338.000 | 10.10 |
| 340.000 | 10.10 |
| 342.000 | 10.10 |
| 344.000 | 10.10 |
| 346.000 | 10.10 |
| 348.000 | 10.11 |
| 350.000 | 10.10 |
| 352.000 | 10.11 |
| 354.000 | 10.11 |
| 356.000 | 10.11 |
| 358.000 | 10.11 |
| 360.000 | 10.11 |
| 362.000 | 10.10 |
| 364.000 | 10.11 |
| 366.000 | 10.11 |
| 368.000 | 10.11 |
| 370.000 | 10.11 |
| 372.000 | 10.11 |
| 374.000 | 10.11 |
| 376.000 | 10.11 |
| 378.000 | 10.12 |
| 380.000 | 10.11 |
| 382.000 | 10.11 |
| 384.000 | 10.12 |
| 386.000 | 10.11 |
| 388.000 | 10.11 |
| 390.000 | 10.11 |
| 392.000 | 10.12 |

| Elapsed Time | Value |
|---|---|
| 394.000 | 10.12 |
| 396.000 | 10.12 |
| 398.000 | 10.12 |
| 400.000 | 10.11 |
| 402.000 | 10.12 |
| 404.000 | 10.12 |
| 406.000 | 10.12 |
| 408.000 | 10.12 |
| 410.000 | 10.12 |
| 412.000 | 10.12 |
| 414.000 | 10.12 |
| 416.000 | 10.12 |
| 418.000 | 10.12 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 1 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: MW-103

SE2000
Environmental Logger
11/23 17:49

Unit# 436 Test 0

| Setups: | INPUT 1 |
|---|---|
| Type | Level (F) |
| Mode | TOC |
| I.D. | MW103 |
| Reference | 22.770 |
| SG | 1.000 |
| Linearity | 0.118 |
| Scale factor | 20.085 |
| Offset | 0.069 |
| Delay mSEC | 50.000 |

Step 0 11/23 08:40:01

| Elapsed Time | INPUT 1 |
|---|---|
| 0.0000 | 22.719 |
| 2.0000 | 22.725 |
| 4.0000 | 22.750 |
| 6.0000 | 22.731 |
| 8.0000 | 22.738 |
| 10.0000 | 22.750 |
| 12.0000 | 22.763 |
| 14.0000 | 22.776 |
| 16.0000 | 22.763 |
| 18.0000 | 22.731 |
| 20.0000 | 22.744 |
| 22.0000 | 22.750 |
| 24.0000 | 22.750 |
| 26.0000 | 22.750 |
| 28.0000 | 22.744 |
| 30.0000 | 22.750 |
| 32.0000 | 22.744 |
| 34.0000 | 22.731 |
| 36.0000 | 22.744 |
| 38.0000 | 22.763 |
| 40.0000 | 22.770 |
| 42.0000 | 22.750 |
| 44.0000 | 22.731 |
| 46.0000 | 22.744 |
| 48.0000 | 22.738 |
| 50.0000 | 22.738 |
| 52.0000 | 22.725 |
| 54.0000 | 22.706 |



CHM 003 0788

| Elapsed Time | INPUT 1 |
|---|---|
| 56.0000 | 22.699 |
| 58.0000 | 22.712 |
| 60.0000 | 22.699 |
| 62.0000 | 22.738 |
| 64.0000 | 22.770 |
| 66.0000 | 22.801 |
| 68.0000 | 22.757 |
| 70.0000 | 22.757 |
| 72.0000 | 22.770 |
| 74.0000 | 22.731 |
| 76.0000 | 22.750 |
| 78.0000 | 22.770 |
| 80.0000 | 22.770 |
| 82.0000 | 22.757 |
| 84.0000 | 22.757 |
| 86.0000 | 22.744 |
| 88.0000 | 22.738 |
| 90.0000 | 22.744 |
| 92.0000 | 22.731 |
| 94.0000 | 22.738 |
| 96.0000 | 22.738 |
| 98.0000 | 22.744 |
| 100.000 | 22.738 |
| 102.000 | 22.738 |
| 104.000 | 22.731 |
| 106.000 | 22.744 |
| 108.000 | 22.738 |
| 110.000 | 22.744 |
| 112.000 | 22.738 |
| 114.000 | 22.744 |
| 116.000 | 22.757 |
| 118.000 | 22.750 |
| 120.000 | 22.744 |
| 122.000 | 22.725 |
| 124.000 | 22.744 |
| 126.000 | 22.731 |
| 128.000 | 22.719 |
| 130.000 | 22.731 |
| 132.000 | 22.738 |
| 134.000 | 22.738 |
| 136.000 | 22.731 |
| 138.000 | 22.725 |
| 140.000 | 22.738 |
| 142.000 | 22.744 |
| 144.000 | 22.738 |
| 146.000 | 22.744 |
| 148.000 | 22.738 |
| 150.000 | 22.725 |
| 152.000 | 22.731 |
| 154.000 | 22.725 |
| 156.000 | 22.731 |
| 158.000 | 22.738 |
| 160.000 | 22.750 |
| 162.000 | 22.744 |



CHM 003 0789

| Elapsed Time | INPUT 1 |
|---|---|
| 164.000 | 22.738 |
| 166.000 | 22.750 |
| 168.000 | 22.744 |
| 170.000 | 22.750 |
| 172.000 | 22.744 |
| 174.000 | 22.757 |
| 176.000 | 22.770 |
| 178.000 | 22.750 |
| 180.000 | 22.770 |
| 182.000 | 22.744 |
| 184.000 | 22.744 |
| 186.000 | 22.693 |
| 188.000 | 22.680 |
| 190.000 | 22.776 |
| 192.000 | 22.789 |
| 194.000 | 22.770 |
| 196.000 | 22.770 |
| 198.000 | 22.763 |
| 200.000 | 22.770 |
| 202.000 | 22.770 |
| 204.000 | 22.782 |
| 206.000 | 22.776 |
| 208.000 | 22.782 |
| 210.000 | 22.776 |
| 212.000 | 22.789 |
| 214.000 | 22.795 |
| 216.000 | 22.801 |
| 218.000 | 22.814 |
| 220.000 | 22.814 |
| 222.000 | 22.808 |
| 224.000 | 22.820 |
| 226.000 | 22.840 |
| 228.000 | 22.782 |
| 230.000 | 22.725 |
| 232.000 | 22.776 |
| 234.000 | 22.878 |
| 236.000 | 22.871 |
| 238.000 | 22.840 |
| 240.000 | 22.820 |
| 242.000 | 22.840 |
| 244.000 | 22.814 |
| 246.000 | 22.795 |
| 248.000 | 22.840 |
| 250.000 | 22.846 |
| 252.000 | 22.801 |
| 254.000 | 22.814 |
| 256.000 | 22.820 |
| 258.000 | 22.865 |
| 260.000 | 22.891 |
| 262.000 | 22.852 |
| 264.000 | 22.859 |
| 266.000 | 22.871 |
| 268.000 | 22.859 |
| 270.000 | 22.865 |



CHM 003 0790

| Elapsed Time | INPUT 1 |
|---|---|
| 272.000 | 22.852 |
| 274.000 | 22.865 |
| 276.000 | 22.865 |
| 278.000 | 22.859 |
| 280.000 | 22.878 |
| 282.000 | 22.871 |
| 284.000 | 22.878 |
| 286.000 | 22.878 |
| 288.000 | 22.871 |
| 290.000 | 22.859 |
| 292.000 | 22.884 |
| 294.000 | 22.884 |
| 296.000 | 22.891 |
| 298.000 | 22.878 |
| 300.000 | 22.852 |
| 302.000 | 22.833 |
| 304.000 | 22.897 |
| 306.000 | 22.910 |
| 308.000 | 22.948 |
| 310.000 | 22.935 |
| 312.000 | 22.884 |
| 314.000 | 22.897 |
| 316.000 | 22.840 |
| 318.000 | 22.859 |
| 320.000 | 22.846 |
| 322.000 | 22.859 |
| 324.000 | 22.884 |
| 326.000 | 22.871 |
| 328.000 | 22.878 |
| 330.000 | 22.871 |
| 332.000 | 22.884 |



CHM 003 0791

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 1 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/23 17:56

Unit# 436 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 |
| Reference | 22.770 | 21.180 | 20.760 | 21.970 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/23 08:40:01

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 0.0000 | 22.719 | 21.170 | 20.760 | 21.963 |
| 2.0000 | 22.725 | 21.170 | 20.760 | 21.963 |
| 4.0000 | 22.750 | 21.170 | 20.760 | 21.970 |
| 6.0000 | 22.731 | 21.170 | 20.760 | 21.963 |
| 8.0000 | 22.738 | 21.170 | 20.760 | 21.970 |
| 10.0000 | 22.750 | 21.160 | 20.760 | 21.970 |
| 12.0000 | 22.763 | 21.170 | 20.760 | 21.970 |
| 14.0000 | 22.776 | 21.170 | 20.760 | 21.976 |
| 16.0000 | 22.763 | 21.170 | 20.760 | 21.976 |
| 18.0000 | 22.731 | 21.170 | 20.760 | 21.970 |
| 20.0000 | 22.744 | 21.170 | 20.760 | 21.976 |
| 22.0000 | 22.750 | 21.170 | 20.760 | 21.976 |
| 24.0000 | 22.750 | 21.170 | 20.760 | 21.976 |
| 26.0000 | 22.750 | 21.170 | 20.760 | 21.982 |
| 28.0000 | 22.744 | 21.170 | 20.760 | 21.976 |
| 30.0000 | 22.750 | 21.170 | 20.760 | 21.982 |
| 32.0000 | 22.744 | 21.160 | 20.750 | 21.982 |
| 34.0000 | 22.731 | 21.170 | 20.760 | 21.982 |
| 36.0000 | 22.744 | 21.170 | 20.760 | 21.982 |
| 38.0000 | 22.763 | 21.170 | 20.760 | 21.989 |
| 40.0000 | 22.770 | 21.170 | 20.760 | 21.989 |
| 42.0000 | 22.750 | 21.170 | 20.760 | 21.989 |
| 44.0000 | 22.731 | 21.170 | 20.760 | 21.982 |
| 46.0000 | 22.744 | 21.170 | 20.760 | 21.989 |
| 48.0000 | 22.738 | 21.170 | 20.760 | 21.989 |
| 50.0000 | 22.738 | 21.160 | 20.760 | 21.989 |
| 52.0000 | 22.725 | 21.170 | 20.760 | 21.989 |
| 54.0000 | 22.706 | 21.170 | 20.760 | 21.982 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 56.0000 | 22.699 | 21.170 | 20.760 | 21.982 |
| 58.0000 | 22.712 | 21.170 | 20.760 | 21.989 |
| 60.0000 | 22.699 | 21.170 | 20.760 | 21.989 |
| 62.0000 | 22.738 | 21.170 | 20.760 | 22.001 |
| 64.0000 | 22.770 | 21.170 | 20.769 | 22.008 |
| 66.0000 | 22.801 | 21.170 | 20.769 | 22.014 |
| 68.0000 | 22.757 | 21.170 | 20.760 | 22.008 |
| 70.0000 | 22.757 | 21.170 | 20.760 | 22.008 |
| 72.0000 | 22.770 | 21.170 | 20.760 | 22.014 |
| 74.0000 | 22.731 | 21.170 | 20.760 | 22.001 |
| 76.0000 | 22.750 | 21.170 | 20.760 | 22.014 |
| 78.0000 | 22.770 | 21.170 | 20.769 | 22.014 |
| 80.0000 | 22.770 | 21.170 | 20.769 | 22.014 |
| 82.0000 | 22.757 | 21.170 | 20.760 | 22.014 |
| 84.0000 | 22.757 | 21.170 | 20.769 | 22.008 |
| 86.0000 | 22.744 | 21.180 | 20.769 | 22.020 |
| 88.0000 | 22.738 | 21.180 | 20.769 | 22.020 |
| 90.0000 | 22.744 | 21.180 | 20.769 | 22.020 |
| 92.0000 | 22.731 | 21.180 | 20.769 | 22.020 |
| 94.0000 | 22.738 | 21.180 | 20.769 | 22.014 |
| 96.0000 | 22.738 | 21.180 | 20.769 | 22.027 |
| 98.0000 | 22.744 | 21.180 | 20.769 | 22.027 |
| 100.000 | 22.738 | 21.180 | 20.769 | 22.027 |
| 102.000 | 22.738 | 21.180 | 20.769 | 22.027 |
| 104.000 | 22.731 | 21.180 | 20.769 | 22.033 |
| 106.000 | 22.744 | 21.180 | 20.769 | 22.033 |
| 108.000 | 22.738 | 21.180 | 20.769 | 22.033 |
| 110.000 | 22.744 | 21.180 | 20.769 | 22.027 |
| 112.000 | 22.738 | 21.180 | 20.769 | 22.027 |
| 114.000 | 22.744 | 21.180 | 20.760 | 22.027 |
| 116.000 | 22.757 | 21.180 | 20.760 | 22.033 |
| 118.000 | 22.750 | 21.170 | 20.760 | 22.033 |
| 120.000 | 22.744 | 21.180 | 20.760 | 22.027 |
| 122.000 | 22.725 | 21.180 | 20.769 | 22.027 |
| 124.000 | 22.744 | 21.180 | 20.769 | 22.033 |
| 126.000 | 22.731 | 21.180 | 20.760 | 22.039 |
| 128.000 | 22.719 | 21.180 | 20.769 | 22.027 |
| 130.000 | 22.731 | 21.180 | 20.769 | 22.039 |
| 132.000 | 22.738 | 21.180 | 20.769 | 22.039 |
| 134.000 | 22.738 | 21.180 | 20.769 | 22.039 |
| 136.000 | 22.731 | 21.180 | 20.769 | 22.039 |
| 138.000 | 22.725 | 21.180 | 20.769 | 22.039 |
| 140.000 | 22.738 | 21.180 | 20.769 | 22.039 |
| 142.000 | 22.744 | 21.180 | 20.778 | 22.039 |
| 144.000 | 22.738 | 21.180 | 20.778 | 22.039 |
| 146.000 | 22.744 | 21.180 | 20.778 | 22.039 |
| 148.000 | 22.738 | 21.180 | 20.778 | 22.039 |
| 150.000 | 22.725 | 21.180 | 20.778 | 22.027 |
| 152.000 | 22.731 | 21.180 | 20.788 | 22.039 |
| 154.000 | 22.725 | 21.180 | 20.788 | 22.046 |
| 156.000 | 22.731 | 21.180 | 20.788 | 22.046 |
| 158.000 | 22.738 | 21.180 | 20.788 | 22.039 |
| 160.000 | 22.750 | 21.180 | 20.788 | 22.033 |
| 162.000 | 22.744 | 21.180 | 20.797 | 22.046 |



CHM 003 0793

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 164.000 | 22.738 | 21.180 | 20.788 | 22.039 |
| 166.000 | 22.750 | 21.180 | 20.797 | 22.046 |
| 168.000 | 22.744 | 21.180 | 20.788 | 22.033 |
| 170.000 | 22.750 | 21.180 | 20.797 | 22.039 |
| 172.000 | 22.744 | 21.180 | 20.797 | 22.039 |
| 174.000 | 22.757 | 21.180 | 20.797 | 22.046 |
| 176.000 | 22.770 | 21.180 | 20.797 | 22.039 |
| 178.000 | 22.750 | 21.180 | 20.797 | 22.046 |
| 180.000 | 22.770 | 21.180 | 20.797 | 22.046 |
| 182.000 | 22.744 | 21.180 | 20.835 | 22.046 |
| 184.000 | 22.744 | 21.180 | 20.883 | 22.046 |
| 186.000 | 22.693 | 21.170 | 20.864 | 22.020 |
| 188.000 | 22.680 | 21.180 | 20.854 | 22.033 |
| 190.000 | 22.776 | 21.180 | 20.835 | 22.039 |
| 192.000 | 22.789 | 21.189 | 20.835 | 22.046 |
| 194.000 | 22.770 | 21.180 | 20.854 | 22.052 |
| 196.000 | 22.770 | 21.180 | 20.873 | 22.039 |
| 198.000 | 22.763 | 21.180 | 20.883 | 22.039 |
| 200.000 | 22.770 | 21.189 | 20.902 | 22.039 |
| 202.000 | 22.770 | 21.189 | 20.911 | 22.039 |
| 204.000 | 22.782 | 21.189 | 20.911 | 22.039 |
| 206.000 | 22.776 | 21.189 | 20.921 | 22.046 |
| 208.000 | 22.782 | 21.189 | 20.921 | 22.039 |
| 210.000 | 22.776 | 21.189 | 20.930 | 22.046 |
| 212.000 | 22.789 | 21.189 | 20.930 | 22.046 |
| 214.000 | 22.795 | 21.189 | 20.940 | 22.046 |
| 216.000 | 22.801 | 21.199 | 20.940 | 22.052 |
| 218.000 | 22.814 | 21.199 | 20.940 | 22.046 |
| 220.000 | 22.814 | 21.199 | 20.949 | 22.046 |
| 222.000 | 22.808 | 21.199 | 20.949 | 22.046 |
| 224.000 | 22.820 | 21.199 | 20.949 | 22.052 |
| 226.000 | 22.840 | 21.199 | 20.949 | 22.052 |
| 228.000 | 22.782 | 21.199 | 20.940 | 22.027 |
| 230.000 | 22.725 | 21.199 | 20.949 | 22.033 |
| 232.000 | 22.776 | 21.208 | 20.959 | 22.033 |
| 234.000 | 22.878 | 21.208 | 20.959 | 22.059 |
| 236.000 | 22.871 | 21.208 | 20.959 | 22.052 |
| 238.000 | 22.840 | 21.208 | 20.959 | 22.059 |
| 240.000 | 22.820 | 21.208 | 20.959 | 22.046 |
| 242.000 | 22.840 | 21.208 | 20.959 | 22.046 |
| 244.000 | 22.814 | 21.208 | 20.959 | 22.033 |
| 246.000 | 22.795 | 21.218 | 20.968 | 22.046 |
| 248.000 | 22.840 | 21.218 | 20.968 | 22.052 |
| 250.000 | 22.846 | 21.218 | 20.968 | 22.052 |
| 252.000 | 22.801 | 21.218 | 20.968 | 22.020 |
| 254.000 | 22.814 | 21.218 | 20.968 | 22.039 |
| 256.000 | 22.820 | 21.227 | 20.978 | 22.052 |
| 258.000 | 22.865 | 21.227 | 20.978 | 22.052 |
| 260.000 | 22.891 | 21.218 | 20.978 | 22.065 |
| 262.000 | 22.852 | 21.218 | 20.968 | 22.039 |
| 264.000 | 22.859 | 21.227 | 20.987 | 22.052 |
| 266.000 | 22.871 | 21.227 | 20.978 | 22.052 |
| 268.000 | 22.859 | 21.227 | 20.987 | 22.046 |
| 270.000 | 22.865 | 21.227 | 20.987 | 22.052 |



CHM 003 0794

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 272.000 | 22.852 | 21.237 | 20.987 | 22.046 |
| 274.000 | 22.865 | 21.237 | 20.987 | 22.052 |
| 276.000 | 22.865 | 21.237 | 20.987 | 22.052 |
| 278.000 | 22.859 | 21.237 | 20.987 | 22.046 |
| 280.000 | 22.878 | 21.237 | 20.997 | 22.059 |
| 282.000 | 22.871 | 21.237 | 20.997 | 22.052 |
| 284.000 | 22.878 | 21.237 | 20.997 | 22.059 |
| 286.000 | 22.878 | 21.237 | 20.997 | 22.052 |
| 288.000 | 22.871 | 21.237 | 20.997 | 22.046 |
| 290.000 | 22.859 | 21.237 | 20.997 | 22.052 |
| 292.000 | 22.884 | 21.237 | 20.997 | 22.059 |
| 294.000 | 22.884 | 21.246 | 21.006 | 22.059 |
| 296.000 | 22.891 | 21.246 | 20.997 | 22.059 |
| 298.000 | 22.878 | 21.246 | 21.006 | 22.052 |
| 300.000 | 22.852 | 21.246 | 20.997 | 22.046 |
| 302.000 | 22.833 | 21.246 | 21.006 | 22.052 |
| 304.000 | 22.897 | 21.246 | 21.006 | 22.065 |
| 306.000 | 22.910 | 21.246 | 21.006 | 22.065 |
| 308.000 | 22.948 | 21.256 | 21.006 | 22.071 |
| 310.000 | 22.935 | 21.256 | 21.006 | 22.059 |
| 312.000 | 22.884 | 21.246 | 21.006 | 22.059 |
| 314.000 | 22.897 | 21.256 | 21.006 | 22.059 |
| 316.000 | 22.840 | 21.256 | 21.006 | 22.046 |
| 318.000 | 22.859 | 21.256 | 21.006 | 22.046 |
| 320.000 | 22.846 | 21.256 | 21.006 | 22.052 |
| 322.000 | 22.859 | 21.256 | 21.016 | 22.059 |
| 324.000 | 22.884 | 21.256 | 20.997 | 22.059 |
| 326.000 | 22.871 | 21.256 | 20.978 | 22.059 |
| 328.000 | 22.878 | 21.256 | 20.968 | 22.059 |
| 330.000 | 22.871 | 21.265 | 20.949 | 22.059 |
| 332.000 | 22.884 | 21.256 | 20.940 | 22.065 |



CHM 003 0795

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 1 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/23 16:10

Unit# 151 Test 1

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC |
| I.D. | DMW11ST1 | DMW11MT1 | DMW11DT1 | C2 |
| Reference | 10.000 | 10.000 | 10.000 | 26.200 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.096 | 0.274 | 2.309 | 0.068 |
| Scale factor | 20.030 | 29.998 | 250.105 | 100.007 |
| Offset | -0.001 | -0.084 | 0.645 | -0.138 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/23 09:54:01

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 0.0000 | 10.025 | 10.038 | 11.268 | 26.200 |
| 1.0000 | 10.025 | 26.400 | 11.665 | 26.231 |
| 2.0000 | 10.031 | 27.199 | 11.665 | 26.231 |
| 3.0000 | 10.038 | 27.446 | 11.665 | 26.231 |
| 4.0000 | 10.044 | 26.466 | 11.585 | 26.231 |
| 5.0000 | 10.044 | 24.868 | 11.427 | 26.231 |
| 6.0000 | 10.038 | 24.887 | 11.506 | 26.263 |
| 7.0000 | 10.044 | 24.487 | 11.427 | 26.263 |
| 8.0000 | 10.038 | 24.649 | 11.427 | 26.263 |
| 9.0000 | 10.038 | 24.553 | 11.427 | 26.263 |
| 10.0000 | 10.038 | 24.706 | 11.348 | 26.263 |
| 11.0000 | 10.044 | 24.934 | 11.348 | 26.263 |
| 12.0000 | 10.044 | 25.153 | 11.348 | 26.263 |
| 13.0000 | 10.044 | 25.334 | 11.348 | 26.263 |
| 14.0000 | 10.044 | 25.401 | 11.348 | 26.263 |
| 15.0000 | 10.044 | 25.467 | 11.268 | 26.263 |
| 16.0000 | 10.051 | 25.553 | 11.268 | 26.231 |
| 17.0000 | 10.044 | 25.619 | 11.268 | 26.263 |
| 18.0000 | 10.051 | 25.705 | 11.189 | 26.231 |
| 19.0000 | 10.051 | 25.772 | 11.189 | 26.231 |
| 20.0000 | 10.051 | 25.819 | 11.189 | 26.231 |
| 21.0000 | 10.051 | 25.914 | 11.189 | 26.231 |
| 22.0000 | 10.051 | 25.991 | 11.189 | 26.263 |
| 23.0000 | 10.044 | 26.048 | 11.189 | 26.263 |
| 24.0000 | 10.044 | 26.105 | 11.189 | 26.263 |
| 25.0000 | 10.057 | 26.152 | 11.110 | 26.231 |
| 26.0000 | 10.051 | 26.200 | 11.110 | 26.231 |
| 27.0000 | 10.051 | 26.276 | 11.110 | 26.231 |



CHM 003 0796

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 28.0000 | 10.057 | 25.715 | 11.030 | 26.231 |
| 29.0000 | 10.057 | 25.524 | 11.030 | 26.231 |
| 30.0000 | 10.051 | 25.572 | 11.110 | 26.231 |
| 31.0000 | 10.051 | 25.610 | 11.030 | 26.231 |
| 32.0000 | 10.051 | 25.648 | 11.030 | 26.231 |
| 33.0000 | 10.057 | 25.677 | 11.030 | 26.231 |
| 34.0000 | 10.051 | 25.743 | 11.030 | 26.263 |
| 35.0000 | 10.051 | 25.781 | 11.030 | 26.263 |
| 36.0000 | 10.044 | 25.810 | 11.030 | 26.231 |
| 37.0000 | 10.051 | 25.829 | 11.030 | 26.231 |
| 38.0000 | 10.044 | 25.857 | 10.951 | 26.231 |
| 39.0000 | 10.051 | 25.876 | 10.951 | 26.231 |
| 40.0000 | 10.051 | 25.953 | 10.951 | 26.231 |
| 41.0000 | 10.051 | 25.962 | 10.951 | 26.231 |
| 42.0000 | 10.051 | 26.000 | 10.951 | 26.263 |
| 43.0000 | 10.044 | 26.124 | 10.951 | 26.263 |
| 44.0000 | 10.044 | 26.171 | 10.951 | 26.263 |
| 45.0000 | 10.051 | 26.209 | 10.951 | 26.263 |
| 46.0000 | 10.044 | 26.228 | 10.951 | 26.231 |
| 47.0000 | 10.057 | 26.238 | 10.872 | 26.231 |
| 48.0000 | 10.051 | 26.267 | 10.872 | 26.231 |
| 49.0000 | 10.051 | 26.267 | 10.951 | 26.231 |
| 50.0000 | 10.051 | 26.314 | 10.872 | 26.231 |
| 51.0000 | 10.051 | 26.352 | 10.872 | 26.231 |
| 52.0000 | 10.051 | 26.542 | 10.872 | 26.231 |
| 53.0000 | 10.051 | 26.590 | 10.872 | 26.231 |
| 54.0000 | 10.044 | 26.638 | 10.872 | 26.231 |
| 55.0000 | 10.051 | 26.657 | 10.872 | 26.231 |
| 56.0000 | 10.051 | 26.619 | 10.872 | 26.231 |
| 57.0000 | 10.051 | 26.562 | 10.872 | 26.231 |
| 58.0000 | 10.051 | 26.809 | 10.872 | 26.231 |
| 59.0000 | 10.051 | 26.809 | 10.872 | 26.231 |
| 60.0000 | 10.051 | 26.790 | 10.792 | 26.231 |
| 61.0000 | 10.051 | 26.999 | 10.792 | 26.231 |
| 62.0000 | 10.057 | 27.018 | 10.792 | 26.231 |
| 63.0000 | 10.057 | 27.665 | 10.792 | 26.231 |
| 64.0000 | 10.057 | 27.741 | 10.872 | 26.231 |
| 65.0000 | 10.063 | 27.931 | 10.872 | 26.231 |
| 66.0000 | 10.063 | 27.960 | 10.872 | 26.263 |
| 67.0000 | 10.057 | 27.988 | 10.872 | 26.231 |
| 68.0000 | 10.063 | 28.036 | 10.872 | 26.231 |
| 69.0000 | 10.063 | 28.112 | 10.872 | 26.263 |
| 70.0000 | 10.063 | 28.150 | 10.872 | 26.231 |
| 71.0000 | 10.063 | 28.141 | 10.792 | 26.231 |
| 72.0000 | 10.063 | 28.160 | 10.792 | 26.231 |
| 73.0000 | 10.070 | 28.179 | 10.792 | 26.231 |
| 74.0000 | 10.063 | 28.217 | 10.792 | 26.231 |
| 75.0000 | 10.063 | 28.245 | 10.713 | 26.231 |
| 76.0000 | 10.063 | 28.264 | 10.792 | 26.231 |
| 77.0000 | 10.063 | 28.293 | 10.792 | 26.263 |
| 78.0000 | 10.063 | 28.321 | 10.792 | 26.263 |
| 79.0000 | 10.057 | 28.331 | 10.792 | 26.263 |
| 80.0000 | 10.057 | 28.388 | 10.792 | 26.231 |
| 81.0000 | 10.063 | 28.416 | 10.792 | 26.231 |



CHM 003 0797

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 82.0000 | 10.057 | 28.454 | 10.792 | 26.231 |
| 83.0000 | 10.063 | 28.473 | 10.792 | 26.231 |
| 84.0000 | 10.057 | 28.502 | 10.713 | 26.231 |
| 85.0000 | 10.057 | 28.530 | 10.792 | 26.231 |
| 86.0000 | 10.051 | 28.559 | 10.792 | 26.231 |
| 87.0000 | 10.057 | 28.578 | 10.713 | 26.231 |
| 88.0000 | 10.057 | 28.607 | 10.713 | 26.231 |
| 89.0000 | 10.070 | 28.616 | 10.634 | 26.231 |
| 90.0000 | 10.063 | 28.673 | 10.713 | 26.231 |
| 91.0000 | 10.063 | 28.683 | 10.713 | 26.231 |
| 92.0000 | 10.063 | 28.740 | 10.713 | 26.231 |
| 93.0000 | 10.063 | 28.787 | 10.713 | 26.231 |
| 94.0000 | 10.063 | 28.787 | 10.713 | 26.231 |
| 95.0000 | 10.063 | 28.787 | 10.713 | 26.231 |
| 96.0000 | 10.063 | 28.806 | 10.713 | 26.263 |
| 97.0000 | 10.057 | 28.806 | 10.713 | 26.231 |
| 98.0000 | 10.063 | 28.825 | 10.634 | 26.231 |
| 99.0000 | 10.063 | 28.778 | 10.634 | 26.231 |
| 100.000 | 10.044 | 28.787 | 10.634 | 26.231 |
| 101.000 | 10.051 | 28.797 | 10.634 | 26.231 |
| 102.000 | 10.051 | 28.568 | 10.634 | 26.231 |
| 103.000 | 10.051 | 28.568 | 10.634 | 26.231 |
| 104.000 | 10.044 | 28.530 | 10.634 | 26.231 |
| 105.000 | 10.051 | 28.835 | 10.634 | 26.231 |
| 106.000 | 10.051 | 28.835 | 10.634 | 26.231 |
| 107.000 | 10.051 | 28.844 | 10.555 | 26.231 |
| 108.000 | 10.057 | 28.797 | 10.555 | 26.231 |
| 109.000 | 10.051 | 28.797 | 10.555 | 26.200 |
| 110.000 | 10.044 | 28.759 | 10.634 | 26.231 |
| 111.000 | 10.057 | 28.787 | 10.555 | 26.231 |
| 112.000 | 10.044 | 28.816 | 10.634 | 26.231 |
| 113.000 | 10.051 | 28.844 | 10.634 | 26.231 |
| 114.000 | 10.051 | 28.844 | 10.634 | 26.231 |
| 115.000 | 10.044 | 28.873 | 10.634 | 26.231 |
| 116.000 | 10.051 | 28.882 | 10.634 | 26.231 |
| 117.000 | 10.051 | 28.873 | 10.634 | 26.231 |
| 118.000 | 10.044 | 28.835 | 10.634 | 26.231 |
| 119.000 | 10.044 | 28.844 | 10.634 | 26.231 |
| 120.000 | 10.051 | 28.854 | 10.634 | 26.231 |
| 121.000 | 10.051 | 28.863 | 10.634 | 26.231 |
| 122.000 | 10.051 | 28.873 | 10.555 | 26.231 |
| 123.000 | 10.044 | 28.930 | 10.555 | 26.231 |
| 124.000 | 10.051 | 28.949 | 10.555 | 26.231 |
| 125.000 | 10.051 | 28.930 | 10.555 | 26.231 |
| 126.000 | 10.051 | 28.920 | 10.475 | 26.231 |
| 127.000 | 10.051 | 28.930 | 10.555 | 26.231 |
| 128.000 | 10.051 | 28.930 | 10.555 | 26.231 |
| 129.000 | 10.044 | 28.949 | 10.555 | 26.231 |
| 130.000 | 10.051 | 11.165 | 10.237 | 26.231 |
| 131.000 | 10.057 | 10.487 | 10.158 | 26.200 |
| 132.000 | 10.051 | 10.296 | 10.079 | 26.200 |
| 133.000 | 10.044 | 10.210 | 10.079 | 26.200 |
| 134.000 | 10.038 | 10.162 | 10.000 | 26.200 |
| 135.000 | 10.038 | 10.124 | 10.079 | 26.200 |



CHM 003 0798

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 136.000 | 10.031 | 10.105 | 10.079 | 26.200 |
| 137.000 | 10.031 | 10.095 | 10.000 | 26.200 |
| 138.000 | 10.031 | 10.076 | 10.000 | 26.168 |
| 139.000 | 10.025 | 10.066 | 10.000 | 26.168 |
| 140.000 | 10.025 | 10.057 | 10.000 | 26.168 |
| 141.000 | 10.019 | 10.047 | 10.000 | 26.200 |
| 142.000 | 10.019 | 10.047 | 10.000 | 26.200 |
| 143.000 | 10.012 | 10.038 | 10.000 | 26.168 |
| 144.000 | 10.006 | 10.038 | 10.000 | 26.168 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 1 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: TW-2

SE1000B
Environmental Logger
11/23 17:00

Unit# 03010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 10.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 11/23 08:00

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.00 |
| 2.0000 | 10.00 |
| 4.0000 | 10.00 |
| 6.0000 | 10.00 |
| 8.0000 | 10.01 |
| 10.0000 | 10.01 |
| 12.0000 | 10.01 |
| 14.0000 | 10.01 |
| 16.0000 | 10.01 |
| 18.0000 | 10.01 |
| 20.0000 | 10.01 |
| 22.0000 | 10.01 |
| 24.0000 | 10.01 |
| 26.0000 | 10.01 |
| 28.0000 | 10.01 |
| 30.0000 | 10.01 |
| 32.0000 | 10.01 |
| 34.0000 | 10.01 |
| 36.0000 | 10.01 |
| 38.0000 | 10.01 |
| 40.0000 | 10.01 |
| 42.0000 | 10.01 |
| 44.0000 | 10.01 |
| 46.0000 | 10.01 |
| 48.0000 | 10.01 |
| 50.0000 | 10.02 |
| 52.0000 | 10.01 |
| 54.0000 | 10.01 |
| 56.0000 | 10.02 |
| 58.0000 | 10.02 |
| 60.0000 | 10.02 |
| 62.0000 | 10.03 |
| 64.0000 | 10.03 |
| 66.0000 | 10.02 |
| 68.0000 | 10.02 |



CHM 003 0800

| Elapsed Time | Value |
|---|---|
| 70.0000 | 10.02 |
| 72.0000 | 10.01 |
| 74.0000 | 10.02 |
| 76.0000 | 10.02 |
| 78.0000 | 10.01 |
| 80.0000 | 10.01 |
| 82.0000 | 10.01 |
| 84.0000 | 10.01 |
| 86.0000 | 10.01 |
| 88.0000 | 10.01 |
| 90.0000 | 10.01 |
| 92.0000 | 10.01 |
| 94.0000 | 10.01 |
| 96.0000 | 10.02 |
| 98.0000 | 10.02 |
| 100.000 | 10.03 |
| 102.000 | 10.03 |
| 104.000 | 10.03 |
| 106.000 | 10.03 |
| 108.000 | 10.03 |
| 110.000 | 10.03 |
| 112.000 | 10.03 |
| 114.000 | 10.03 |
| 116.000 | 10.03 |
| 118.000 | 10.03 |
| 120.000 | 10.03 |
| 122.000 | 10.03 |
| 124.000 | 10.03 |
| 126.000 | 10.03 |
| 128.000 | 10.03 |
| 130.000 | 10.03 |
| 132.000 | 10.03 |
| 134.000 | 10.03 |
| 136.000 | 10.03 |
| 138.000 | 10.03 |
| 140.000 | 10.03 |
| 142.000 | 10.04 |
| 144.000 | 10.04 |
| 146.000 | 10.04 |
| 148.000 | 10.04 |
| 150.000 | 10.04 |
| 152.000 | 10.04 |
| 154.000 | 10.04 |
| 156.000 | 10.04 |
| 158.000 | 10.04 |
| 160.000 | 10.04 |
| 162.000 | 10.03 |
| 164.000 | 10.03 |
| 166.000 | 10.03 |
| 168.000 | 10.03 |
| 170.000 | 10.03 |
| 172.000 | 10.02 |
| 174.000 | 10.02 |
| 176.000 | 10.02 |



CHM 003 0801

| Elapsed Time | Value |
|---|---|
| 178.000 | 10.01 |
| 180.000 | 10.01 |
| 182.000 | 10.02 |
| 184.000 | 10.01 |
| 186.000 | 10.01 |
| 188.000 | 10.01 |
| 190.000 | 10.01 |
| 192.000 | 10.01 |
| 194.000 | 10.01 |
| 196.000 | 10.01 |
| 198.000 | 10.01 |
| 200.000 | 10.01 |
| 202.000 | 10.00 |
| 204.000 | 10.00 |
| 206.000 | 10.00 |
| 208.000 | 10.00 |
| 210.000 | 10.00 |
| 212.000 | 10.00 |
| 214.000 | 10.00 |
| 216.000 | 10.00 |
| 218.000 | 9.99 |
| 220.000 | 10.00 |
| 222.000 | 10.00 |
| 224.000 | 10.01 |
| 226.000 | 10.01 |
| 228.000 | 10.01 |
| 230.000 | 10.01 |
| 232.000 | 10.01 |
| 234.000 | 10.01 |
| 236.000 | 10.01 |
| 238.000 | 10.01 |
| 240.000 | 10.00 |
| 242.000 | 10.00 |
| 244.000 | 10.00 |
| 246.000 | 10.00 |
| 248.000 | 10.00 |
| 250.000 | 10.00 |
| 252.000 | 10.00 |
| 254.000 | 10.00 |
| 256.000 | 10.00 |
| 258.000 | 10.00 |
| 260.000 | 10.00 |
| 262.000 | 10.00 |
| 264.000 | 10.00 |
| 266.000 | 10.00 |
| 268.000 | 10.00 |
| 270.000 | 10.01 |
| 272.000 | 10.01 |
| 274.000 | 10.01 |
| 276.000 | 10.01 |
| 278.000 | 10.01 |
| 280.000 | 10.01 |
| 282.000 | 10.00 |
| 284.000 | 10.01 |

| Elapsed Time | Value |
|---|---|
| 286.000 | 10.01 |
| 288.000 | 10.01 |
| 290.000 | 10.01 |
| 292.000 | 10.02 |
| 294.000 | 10.03 |
| 296.000 | 10.03 |
| 298.000 | 10.03 |
| 300.000 | 10.03 |
| 302.000 | 10.03 |
| 304.000 | 10.03 |
| 306.000 | 10.02 |
| 308.000 | 10.03 |
| 310.000 | 10.03 |
| 312.000 | 10.03 |
| 314.000 | 10.03 |
| 316.000 | 10.03 |
| 318.000 | 10.03 |
| 320.000 | 10.03 |
| 322.000 | 10.03 |
| 324.000 | 10.02 |
| 326.000 | 10.02 |
| 328.000 | 10.02 |
| 330.000 | 10.02 |
| 332.000 | 10.02 |
| 334.000 | 10.02 |
| 336.000 | 10.01 |
| 338.000 | 10.01 |
| 340.000 | 10.01 |
| 342.000 | 10.01 |
| 344.000 | 10.02 |
| 346.000 | 10.02 |
| 348.000 | 10.02 |
| 350.000 | 10.02 |
| 352.000 | 10.01 |
| 354.000 | 10.01 |
| 356.000 | 10.02 |
| 358.000 | 10.02 |
| 360.000 | 10.02 |
| 362.000 | 10.02 |
| 364.000 | 10.02 |
| 366.000 | 10.02 |
| 368.000 | 10.02 |
| 370.000 | 10.02 |
| 372.000 | 10.02 |
| 374.000 | 10.02 |
| 376.000 | 10.02 |
| 378.000 | 10.02 |
| 380.000 | 10.01 |



CHM 003 0803

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: C-9

SE1000B
Environmental Logger
11/29 09:15

Unit# 03010 Test# 1

INPUT 2: Level (F) TOC

Reference 10.00
Scale factor 29.98
Offset - 0.01

Step# 0 11/24 15:33

| Elapsed Time | Value |
|---|---|
| 0.0000 | -5.53 |
| 30.0000 | -5.53 |
| 60.0000 | -5.52 |
| 90.0000 | -5.52 |
| 120.000 | -5.52 |
| 150.000 | -5.51 |
| 180.000 | -5.50 |
| 210.000 | -5.50 |
| 240.000 | -5.49 |
| 270.000 | -5.49 |
| 300.000 | -5.48 |
| 330.000 | -5.47 |
| 360.000 | -5.46 |
| 390.000 | -5.45 |
| 420.000 | -5.45 |
| 450.000 | -5.43 |
| 480.000 | -5.44 |
| 510.000 | -5.43 |
| 540.000 | -5.43 |
| 570.000 | -5.44 |
| 600.000 | -5.43 |
| 630.000 | -5.43 |
| 660.000 | -5.44 |
| 690.000 | -5.44 |
| 720.000 | -5.44 |
| 750.000 | -5.44 |
| 780.000 | -5.44 |
| 810.000 | -5.43 |
| 840.000 | -5.43 |
| 870.000 | -5.42 |
| 900.000 | -5.40 |
| 930.000 | -5.39 |
| 960.000 | -5.38 |
| 990.000 | -5.36 |
| 1020.00 | -5.36 |



CHM 003 0804

| Elapsed Time | Value |
|---|---|
| 1050.00 | -5.35 |
| 1080.00 | -5.33 |
| 1110.00 | -5.32 |
| 1140.00 | -5.31 |
| 1170.00 | -5.31 |
| 1200.00 | -5.31 |
| 1230.00 | -5.31 |
| 1260.00 | -5.32 |
| 1290.00 | -5.32 |
| 1320.00 | -5.32 |
| 1350.00 | -5.32 |
| 1380.00 | -5.33 |
| 1410.00 | -5.33 |
| 1440.00 | -5.33 |
| 1470.00 | -5.34 |
| 1500.00 | -5.34 |
| 1530.00 | -5.34 |
| 1560.00 | -5.33 |
| 1590.00 | -5.33 |
| 1620.00 | -5.33 |
| 1650.00 | -5.33 |
| 1680.00 | -5.33 |
| 1710.00 | -5.33 |
| 1740.00 | -5.33 |
| 1770.00 | -5.31 |
| 1800.00 | -5.31 |
| 1830.00 | -5.31 |
| 1860.00 | -5.32 |
| 1890.00 | -5.34 |
| 1920.00 | -5.35 |
| 1950.00 | -5.36 |
| 1980.00 | -5.37 |
| 2010.00 | -5.38 |
| 2040.00 | -5.40 |
| 2070.00 | -5.41 |
| 2100.00 | -5.42 |
| 2130.00 | -5.43 |
| 2160.00 | -5.44 |
| 2190.00 | -5.45 |
| 2220.00 | -5.46 |
| 2250.00 | -5.46 |
| 2280.00 | -5.46 |
| 2310.00 | -5.46 |
| 2340.00 | -5.46 |
| 2370.00 | -5.46 |
| 2400.00 | -5.45 |
| 2430.00 | -5.44 |
| 2460.00 | -5.43 |
| 2490.00 | -5.41 |
| 2520.00 | -5.40 |
| 2550.00 | -5.40 |
| 2580.00 | -5.40 |
| 2610.00 | -5.40 |
| 2640.00 | -5.41 |



CHM 003 0805

| Elapsed Time | Value |
|---|---|
| 2670.00 | -5.42 |
| 2700.00 | -5.43 |
| 2730.00 | -5.44 |
| 2760.00 | -5.46 |
| 2790.00 | -5.47 |
| 2820.00 | -5.47 |
| 2850.00 | -5.48 |
| 2880.00 | -5.48 |
| 2910.00 | -5.48 |
| 2940.00 | -5.49 |
| 2970.00 | -5.49 |
| 3000.00 | -5.48 |
| 3030.00 | -5.48 |
| 3060.00 | -5.47 |
| 3090.00 | -5.47 |
| 3120.00 | -5.46 |
| 3150.00 | -5.45 |
| 3180.00 | -5.44 |
| 3210.00 | -5.44 |
| 3240.00 | -5.43 |
| 3270.00 | -5.43 |
| 3300.00 | -5.43 |
| 3330.00 | -5.43 |
| 3360.00 | -5.44 |
| 3390.00 | -5.45 |
| 3420.00 | -5.46 |
| 3450.00 | -5.47 |
| 3480.00 | -5.48 |
| 3510.00 | -5.49 |
| 3540.00 | -5.49 |
| 3570.00 | -5.50 |
| 3600.00 | -5.51 |
| 3630.00 | -5.51 |
| 3660.00 | -5.52 |
| 3690.00 | -5.53 |
| 3720.00 | -5.53 |
| 3750.00 | -5.54 |
| 3780.00 | -5.55 |
| 3810.00 | -5.55 |
| 3840.00 | -5.54 |
| 3870.00 | -5.54 |
| 3900.00 | -5.54 |
| 3930.00 | -5.53 |
| 3960.00 | -5.52 |
| 3990.00 | -5.53 |
| 4020.00 | -5.53 |
| 4050.00 | -5.54 |
| 4080.00 | -5.54 |
| 4110.00 | -5.55 |
| 4140.00 | -5.56 |
| 4170.00 | -5.56 |
| 4200.00 | -5.58 |
| 4230.00 | -5.59 |
| 4260.00 | -5.59 |



CHM 003 0806

| Elapsed Time | Value |
|---|---|
| 4290.00 | -5.59 |
| 4320.00 | -5.59 |
| 4350.00 | -5.60 |
| 4380.00 | -5.59 |
| 4410.00 | -5.59 |
| 4440.00 | -5.60 |
| 4470.00 | -5.59 |
| 4500.00 | -5.59 |
| 4530.00 | -5.59 |
| 4560.00 | -5.60 |
| 4590.00 | -5.60 |
| 4620.00 | -5.60 |
| 4650.00 | -5.60 |
| 4680.00 | -5.61 |
| 4710.00 | -5.62 |
| 4740.00 | -5.63 |
| 4770.00 | -5.64 |
| 4800.00 | -5.65 |
| 4830.00 | -5.66 |
| 4860.00 | -5.68 |
| 4890.00 | -5.70 |
| 4920.00 | -5.72 |
| 4950.00 | -5.74 |
| 4980.00 | -5.76 |
| 5010.00 | -5.78 |
| 5040.00 | -5.80 |
| 5070.00 | -5.82 |
| 5100.00 | -5.84 |
| 5130.00 | -5.85 |
| 5160.00 | -5.86 |
| 5190.00 | -5.88 |
| 5220.00 | -5.91 |
| 5250.00 | -5.91 |
| 5280.00 | -5.92 |
| 5310.00 | -5.93 |
| 5340.00 | -5.95 |
| 5370.00 | -6.00 |
| 5400.00 | -6.04 |
| 5430.00 | -6.07 |
| 5460.00 | -6.08 |
| 5490.00 | -6.12 |
| 5520.00 | -6.15 |
| 5550.00 | -6.19 |
| 5580.00 | -6.21 |
| 5610.00 | -6.24 |
| 5640.00 | -6.26 |
| 5670.00 | -6.29 |
| 5700.00 | -6.30 |
| 5730.00 | -6.29 |
| 5760.00 | -6.29 |
| 5790.00 | -6.30 |
| 5820.00 | -6.31 |
| 5850.00 | -6.31 |
| 5880.00 | -6.30 |



CHM 003 0807

| Elapsed Time | Value |
|---|---|
| 5910.00 | -6.28 |
| 5940.00 | -6.27 |
| 5970.00 | -6.26 |
| 6000.00 | -6.25 |
| 6030.00 | -6.23 |
| 6060.00 | -6.22 |
| 6090.00 | -6.21 |
| 6120.00 | -6.20 |
| 6150.00 | -6.20 |
| 6180.00 | -6.19 |
| 6210.00 | -6.19 |
| 6240.00 | -6.19 |
| 6270.00 | -6.19 |
| 6300.00 | -6.19 |
| 6330.00 | -6.19 |
| 6360.00 | -6.19 |
| 6390.00 | -6.19 |
| 6420.00 | -6.20 |
| 6450.00 | -6.20 |
| 6480.00 | -6.21 |
| 6510.00 | -6.22 |
| 6540.00 | -6.22 |
| 6570.00 | -6.23 |
| 6600.00 | -6.23 |
| 6630.00 | -6.23 |
| 6660.00 | -6.23 |
| 6690.00 | -6.23 |
| 6720.00 | -6.19 |
| 6750.00 | -6.19 |



CHM 003 0808

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/29 06:38

Unit# 151 Test 2

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC |
| I.D. | DMW11ST2 | DMW11MT2 | DMW11DT2 | C2 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.096 | 2.309 | 0.274 | 0.068 |
| Scale factor | 20.030 | 250.105 | 29.998 | 100.007 |
| Offset | -0.001 | 0.645 | -0.084 | -0.138 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/24 13:39:37

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 0.0000 | 0.000 | -0.079 | 0.000 | -0.031 |
| 15.0000 | -0.006 | -0.079 | 0.000 | 0.000 |
| 30.0000 | -0.019 | -0.079 | 0.000 | 0.000 |
| 45.0000 | -0.019 | -0.079 | 0.000 | 0.000 |
| 60.0000 | -0.019 | -0.079 | 0.009 | 0.000 |
| 75.0000 | -0.025 | -0.079 | 0.009 | 0.031 |
| 90.0000 | -0.025 | -0.079 | 0.009 | 0.031 |
| 105.000 | -0.031 | -0.079 | 0.009 | 0.031 |
| 120.000 | -0.031 | -0.079 | 0.019 | 0.031 |
| 135.000 | -0.025 | -0.079 | 0.019 | 0.031 |
| 150.000 | -0.025 | -0.079 | 0.028 | 0.031 |
| 165.000 | -0.025 | -0.079 | 0.028 | 0.000 |
| 180.000 | -0.025 | -0.079 | 0.038 | 0.000 |
| 195.000 | -0.019 | -0.079 | 0.038 | 0.000 |
| 210.000 | -0.019 | -0.079 | 0.047 | 0.000 |
| 225.000 | -0.019 | -0.079 | 0.047 | 0.000 |
| 240.000 | -0.019 | 0.000 | 0.057 | 0.000 |
| 255.000 | -0.012 | -0.079 | 0.066 | -0.031 |
| 270.000 | -0.012 | -0.079 | 0.066 | -0.031 |
| 285.000 | -0.012 | -0.079 | 0.076 | -0.031 |
| 300.000 | -0.006 | 0.000 | 0.076 | -0.031 |
| 315.000 | 0.000 | 0.000 | 0.085 | -0.031 |
| 330.000 | -0.006 | 0.000 | 0.085 | -0.031 |
| 345.000 | 0.000 | -0.079 | 0.095 | -0.031 |
| 360.000 | 0.000 | 0.000 | 0.105 | -0.031 |
| 375.000 | 0.006 | 0.000 | 0.114 | -0.031 |
| 390.000 | 0.006 | 0.000 | 0.114 | -0.031 |
| 405.000 | 0.006 | 0.000 | 0.124 | -0.031 |



CHM 003 0809

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 420.000 | 0.006 | 0.000 | 0.124 | -0.031 |
| 435.000 | 0.012 | 0.000 | 0.133 | -0.031 |
| 450.000 | 0.012 | 0.000 | 0.143 | -0.031 |
| 465.000 | 0.019 | 0.000 | 0.152 | -0.031 |
| 480.000 | 0.019 | 0.000 | 0.152 | -0.031 |
| 495.000 | 0.012 | 0.000 | 0.152 | -0.031 |
| 510.000 | 0.012 | 0.000 | 0.152 | -0.031 |
| 525.000 | 0.012 | 0.000 | 0.162 | -0.031 |
| 540.000 | 0.012 | 0.000 | 0.162 | -0.031 |
| 555.000 | 0.012 | 0.000 | 0.171 | -0.031 |
| 570.000 | 0.006 | 0.000 | 0.171 | -0.031 |
| 585.000 | 0.006 | 0.000 | 0.171 | -0.063 |
| 600.000 | 0.006 | -0.079 | 0.171 | -0.031 |
| 615.000 | 0.006 | 0.000 | 0.181 | -0.063 |
| 630.000 | 0.006 | -0.079 | 0.181 | -0.063 |
| 645.000 | 0.000 | -0.079 | 0.181 | -0.063 |
| 660.000 | 0.006 | -0.079 | 0.191 | -0.063 |
| 675.000 | 0.000 | -0.079 | 0.191 | -0.063 |
| 690.000 | 0.000 | -0.079 | 0.200 | -0.063 |
| 705.000 | 0.000 | -0.079 | 0.200 | -0.063 |
| 720.000 | 0.000 | -0.079 | 0.200 | -0.063 |
| 735.000 | 0.000 | 0.000 | 0.210 | -0.063 |
| 750.000 | 0.000 | -0.079 | 0.210 | -0.063 |
| 765.000 | 0.000 | -0.079 | 0.219 | -0.063 |
| 780.000 | 0.000 | 0.000 | 0.219 | -0.063 |
| 795.000 | 0.000 | -0.079 | 0.229 | -0.063 |
| 810.000 | 0.006 | -0.079 | 0.229 | -0.063 |
| 825.000 | 0.012 | -0.079 | 0.238 | -0.063 |
| 840.000 | 0.012 | 0.000 | 0.248 | -0.063 |
| 855.000 | 0.012 | -0.079 | 0.257 | -0.063 |
| 870.000 | 0.019 | 0.000 | 0.267 | -0.063 |
| 885.000 | 0.025 | 0.000 | 0.276 | -0.063 |
| 900.000 | 0.031 | 0.000 | 0.286 | -0.031 |
| 915.000 | 0.038 | 0.000 | 0.296 | -0.063 |
| 930.000 | 0.044 | 0.000 | 0.296 | -0.031 |
| 945.000 | 0.044 | 0.000 | 0.305 | -0.031 |
| 960.000 | 0.050 | 0.000 | 0.315 | -0.031 |
| 975.000 | 0.057 | 0.000 | 0.324 | -0.031 |
| 990.000 | 0.063 | 0.000 | 0.334 | -0.031 |
| 1005.00 | 0.063 | 0.000 | 0.334 | -0.031 |
| 1020.00 | 0.069 | 0.000 | 0.343 | 0.000 |
| 1035.00 | 0.069 | 0.000 | 0.353 | -0.031 |
| 1050.00 | 0.076 | 0.079 | 0.362 | 0.000 |
| 1065.00 | 0.076 | 0.079 | 0.362 | 0.000 |
| 1080.00 | 0.082 | 0.079 | 0.372 | 0.000 |
| 1095.00 | 0.082 | 0.079 | 0.372 | 0.000 |
| 1110.00 | 0.088 | 0.079 | 0.372 | 0.031 |
| 1125.00 | 0.088 | 0.079 | 0.382 | 0.031 |
| 1140.00 | 0.095 | 0.079 | 0.391 | 0.031 |
| 1155.00 | 0.095 | 0.079 | 0.391 | 0.031 |
| 1170.00 | 0.088 | 0.158 | 0.382 | 0.031 |
| 1185.00 | 0.088 | 0.158 | 0.382 | 0.031 |
| 1200.00 | 0.088 | 0.158 | 0.382 | 0.031 |
| 1215.00 | 0.088 | 0.079 | 0.382 | 0.031 |



CHM 003 0810

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1230.00 | 0.082 | 0.079 | 0.382 | 0.031 |
| 1245.00 | 0.082 | 0.158 | 0.382 | 0.031 |
| 1260.00 | 0.076 | 0.079 | 0.382 | 0.031 |
| 1275.00 | 0.076 | 0.079 | 0.382 | 0.031 |
| 1290.00 | 0.076 | 0.158 | 0.382 | 0.031 |
| 1305.00 | 0.076 | 0.158 | 0.382 | 0.031 |
| 1320.00 | 0.069 | 0.079 | 0.382 | 0.031 |
| 1335.00 | 0.069 | 0.079 | 0.372 | 0.000 |
| 1350.00 | 0.069 | 0.079 | 0.382 | 0.000 |
| 1365.00 | 0.063 | 0.079 | 0.382 | 0.000 |
| 1380.00 | 0.057 | 0.079 | 0.372 | 0.000 |
| 1395.00 | 0.063 | 0.079 | 0.382 | 0.000 |
| 1410.00 | 0.063 | 0.079 | 0.382 | 0.000 |
| 1425.00 | 0.057 | 0.079 | 0.382 | 0.000 |
| 1440.00 | 0.057 | 0.000 | 0.382 | 0.000 |
| 1455.00 | 0.057 | 0.000 | 0.382 | -0.031 |
| 1470.00 | 0.057 | 0.079 | 0.382 | -0.031 |
| 1485.00 | 0.057 | 0.000 | 0.382 | -0.031 |
| 1500.00 | 0.057 | 0.000 | 0.391 | -0.031 |
| 1515.00 | 0.057 | 0.000 | 0.382 | -0.031 |
| 1530.00 | 0.057 | 0.000 | 0.391 | -0.031 |
| 1545.00 | 0.057 | 0.000 | 0.391 | -0.031 |
| 1560.00 | 0.057 | 0.000 | 0.391 | -0.031 |
| 1575.00 | 0.057 | 0.000 | 0.391 | -0.031 |
| 1590.00 | 0.057 | 0.000 | 0.391 | -0.031 |
| 1605.00 | 0.063 | 0.000 | 0.401 | -0.031 |
| 1620.00 | 0.063 | 0.000 | 0.401 | -0.031 |
| 1635.00 | 0.063 | 0.000 | 0.401 | -0.031 |
| 1650.00 | 0.063 | 0.000 | 0.410 | -0.031 |
| 1665.00 | 0.063 | -0.079 | 0.401 | -0.031 |
| 1680.00 | 0.069 | 0.000 | 0.401 | -0.031 |
| 1695.00 | 0.063 | 0.000 | 0.401 | -0.031 |
| 1710.00 | 0.063 | 0.000 | 0.410 | -0.031 |
| 1725.00 | 0.063 | 0.000 | 0.401 | -0.063 |
| 1740.00 | 0.063 | -0.079 | 0.410 | -0.031 |
| 1755.00 | 0.069 | -0.079 | 0.410 | -0.031 |
| 1770.00 | 0.069 | -0.079 | 0.410 | -0.031 |
| 1785.00 | 0.076 | 0.000 | 0.420 | -0.031 |
| 1800.00 | 0.076 | 0.000 | 0.420 | -0.031 |
| 1815.00 | 0.069 | 0.000 | 0.420 | -0.031 |
| 1830.00 | 0.069 | 0.000 | 0.420 | -0.031 |
| 1845.00 | 0.063 | -0.079 | 0.410 | -0.063 |
| 1860.00 | 0.063 | 0.000 | 0.410 | -0.031 |
| 1875.00 | 0.057 | 0.000 | 0.410 | -0.063 |
| 1890.00 | 0.050 | 0.000 | 0.410 | -0.063 |
| 1905.00 | 0.044 | -0.079 | 0.401 | -0.063 |
| 1920.00 | 0.038 | -0.079 | 0.401 | -0.063 |
| 1935.00 | 0.038 | -0.079 | 0.401 | -0.063 |
| 1950.00 | 0.031 | -0.079 | 0.391 | -0.094 |
| 1965.00 | 0.025 | -0.079 | 0.391 | -0.094 |
| 1980.00 | 0.019 | -0.079 | 0.382 | -0.094 |
| 1995.00 | 0.012 | -0.079 | 0.382 | -0.094 |
| 2010.00 | 0.006 | -0.158 | 0.382 | -0.094 |
| 2025.00 | 0.000 | -0.158 | 0.372 | -0.126 |



CHM 003 0811

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 2040.00 | -0.006 | -0.158 | 0.372 | -0.126 |
| 2055.00 | -0.012 | -0.158 | 0.362 | -0.126 |
| 2070.00 | -0.019 | -0.158 | 0.362 | -0.126 |
| 2085.00 | -0.025 | -0.158 | 0.353 | -0.126 |
| 2100.00 | -0.031 | -0.158 | 0.353 | -0.126 |
| 2115.00 | -0.031 | -0.158 | 0.353 | -0.157 |
| 2130.00 | -0.038 | -0.158 | 0.353 | -0.157 |
| 2145.00 | -0.044 | -0.158 | 0.343 | -0.157 |
| 2160.00 | -0.050 | -0.158 | 0.343 | -0.157 |
| 2175.00 | -0.050 | -0.158 | 0.343 | -0.157 |
| 2190.00 | -0.057 | -0.158 | 0.334 | -0.157 |
| 2205.00 | -0.063 | -0.158 | 0.334 | -0.157 |
| 2220.00 | -0.063 | -0.158 | 0.334 | -0.189 |
| 2235.00 | -0.069 | -0.158 | 0.334 | -0.189 |
| 2250.00 | -0.069 | -0.158 | 0.334 | -0.189 |
| 2265.00 | -0.076 | -0.158 | 0.334 | -0.189 |
| 2280.00 | -0.076 | -0.237 | 0.324 | -0.189 |
| 2295.00 | -0.076 | -0.158 | 0.324 | -0.189 |
| 2310.00 | -0.082 | -0.237 | 0.324 | -0.189 |
| 2325.00 | -0.082 | -0.237 | 0.334 | -0.189 |
| 2340.00 | -0.082 | -0.158 | 0.324 | -0.189 |
| 2355.00 | -0.076 | -0.158 | 0.334 | -0.189 |
| 2370.00 | -0.076 | -0.158 | 0.343 | -0.189 |
| 2385.00 | -0.076 | -0.158 | 0.343 | -0.189 |
| 2400.00 | -0.076 | -0.158 | 0.343 | -0.189 |
| 2415.00 | -0.069 | -0.158 | 0.353 | -0.189 |
| 2430.00 | -0.069 | -0.079 | 0.353 | -0.189 |
| 2445.00 | -0.063 | -0.079 | 0.362 | -0.157 |
| 2460.00 | -0.063 | -0.079 | 0.362 | -0.157 |
| 2475.00 | -0.057 | -0.079 | 0.362 | -0.157 |
| 2490.00 | -0.057 | 0.000 | 0.372 | -0.157 |
| 2505.00 | -0.057 | 0.000 | 0.382 | -0.126 |
| 2520.00 | -0.050 | 0.000 | 0.382 | -0.126 |
| 2535.00 | -0.050 | 0.000 | 0.382 | -0.126 |
| 2550.00 | -0.050 | 0.000 | 0.391 | -0.126 |
| 2565.00 | -0.050 | 0.000 | 0.391 | -0.126 |
| 2580.00 | -0.050 | 0.000 | 0.382 | -0.126 |
| 2595.00 | -0.057 | 0.000 | 0.382 | -0.126 |
| 2610.00 | -0.057 | 0.000 | 0.382 | -0.126 |
| 2625.00 | -0.057 | 0.000 | 0.382 | -0.126 |
| 2640.00 | -0.063 | 0.000 | 0.382 | -0.126 |
| 2655.00 | -0.069 | 0.000 | 0.372 | -0.126 |
| 2670.00 | -0.076 | 0.000 | 0.372 | -0.157 |
| 2685.00 | -0.076 | -0.079 | 0.362 | -0.157 |
| 2700.00 | -0.082 | -0.079 | 0.362 | -0.157 |
| 2715.00 | -0.088 | -0.079 | 0.353 | -0.157 |
| 2730.00 | -0.088 | -0.079 | 0.353 | -0.157 |
| 2745.00 | -0.095 | 0.000 | 0.343 | -0.157 |
| 2760.00 | -0.101 | -0.079 | 0.343 | -0.189 |
| 2775.00 | -0.101 | -0.079 | 0.334 | -0.189 |
| 2790.00 | -0.108 | -0.079 | 0.334 | -0.189 |
| 2805.00 | -0.114 | -0.079 | 0.334 | -0.189 |
| 2820.00 | -0.120 | -0.079 | 0.324 | -0.189 |
| 2835.00 | -0.120 | -0.079 | 0.324 | -0.221 |



CHM 003 0812

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 2850.00 | -0.127 | -0.079 | 0.324 | -0.189 |
| 2865.00 | -0.127 | -0.158 | 0.324 | -0.221 |
| 2880.00 | -0.127 | -0.158 | 0.324 | -0.221 |
| 2895.00 | -0.133 | -0.158 | 0.315 | -0.221 |
| 2910.00 | -0.133 | -0.158 | 0.324 | -0.221 |
| 2925.00 | -0.133 | -0.158 | 0.315 | -0.221 |
| 2940.00 | -0.133 | -0.158 | 0.324 | -0.221 |
| 2955.00 | -0.133 | -0.158 | 0.324 | -0.221 |
| 2970.00 | -0.133 | -0.158 | 0.315 | -0.221 |
| 2985.00 | -0.133 | -0.158 | 0.324 | -0.221 |
| 3000.00 | -0.133 | -0.158 | 0.324 | -0.221 |
| 3015.00 | -0.127 | -0.158 | 0.334 | -0.221 |
| 3030.00 | -0.120 | -0.158 | 0.343 | -0.221 |
| 3045.00 | -0.120 | -0.237 | 0.343 | -0.221 |
| 3060.00 | -0.114 | -0.158 | 0.343 | -0.221 |
| 3075.00 | -0.114 | -0.158 | 0.353 | -0.221 |
| 3090.00 | -0.114 | -0.158 | 0.343 | -0.221 |
| 3105.00 | -0.108 | -0.158 | 0.353 | -0.221 |
| 3120.00 | -0.108 | -0.158 | 0.362 | -0.221 |
| 3135.00 | -0.101 | -0.158 | 0.362 | -0.221 |
| 3150.00 | -0.095 | -0.158 | 0.372 | -0.221 |
| 3165.00 | -0.095 | -0.158 | 0.372 | -0.221 |
| 3180.00 | -0.088 | -0.158 | 0.382 | -0.189 |
| 3195.00 | -0.088 | -0.158 | 0.382 | -0.189 |
| 3210.00 | -0.082 | -0.158 | 0.382 | -0.189 |
| 3225.00 | -0.082 | -0.158 | 0.391 | -0.189 |
| 3240.00 | -0.082 | -0.158 | 0.391 | -0.189 |
| 3255.00 | -0.076 | -0.158 | 0.401 | -0.189 |
| 3270.00 | -0.076 | -0.158 | 0.401 | -0.189 |
| 3285.00 | -0.076 | -0.158 | 0.391 | -0.189 |
| 3300.00 | -0.082 | -0.158 | 0.401 | -0.189 |
| 3315.00 | -0.082 | -0.158 | 0.401 | -0.189 |
| 3330.00 | -0.082 | -0.158 | 0.401 | -0.189 |
| 3345.00 | -0.082 | -0.158 | 0.401 | -0.189 |
| 3360.00 | -0.082 | -0.158 | 0.401 | -0.189 |
| 3375.00 | -0.088 | -0.158 | 0.401 | -0.189 |
| 3390.00 | -0.095 | -0.158 | 0.391 | -0.189 |
| 3405.00 | -0.101 | -0.158 | 0.391 | -0.221 |
| 3420.00 | -0.108 | -0.237 | 0.382 | -0.221 |
| 3435.00 | -0.108 | -0.158 | 0.382 | -0.221 |
| 3450.00 | -0.114 | -0.158 | 0.372 | -0.221 |
| 3465.00 | -0.120 | -0.158 | 0.372 | -0.221 |
| 3480.00 | -0.127 | -0.158 | 0.372 | -0.252 |
| 3495.00 | -0.133 | -0.158 | 0.362 | -0.252 |
| 3510.00 | -0.133 | -0.158 | 0.362 | -0.221 |
| 3525.00 | -0.139 | -0.158 | 0.362 | -0.252 |
| 3540.00 | -0.146 | -0.158 | 0.362 | -0.252 |
| 3555.00 | -0.152 | -0.158 | 0.353 | -0.252 |
| 3570.00 | -0.158 | -0.237 | 0.343 | -0.252 |
| 3585.00 | -0.165 | -0.158 | 0.343 | -0.252 |
| 3600.00 | -0.171 | -0.158 | 0.334 | -0.284 |
| 3615.00 | -0.177 | -0.237 | 0.334 | -0.284 |
| 3630.00 | -0.177 | -0.158 | 0.334 | -0.284 |
| 3645.00 | -0.177 | -0.158 | 0.343 | -0.284 |



CHM 003 0813

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 3660.00 | -0.177 | -0.237 | 0.334 | -0.284 |
| 3675.00 | -0.184 | -0.237 | 0.334 | -0.284 |
| 3690.00 | -0.190 | -0.237 | 0.324 | -0.284 |
| 3705.00 | -0.197 | -0.237 | 0.324 | -0.284 |
| 3720.00 | -0.197 | -0.237 | 0.324 | -0.284 |
| 3735.00 | -0.197 | -0.237 | 0.324 | -0.315 |
| 3750.00 | -0.203 | -0.237 | 0.315 | -0.315 |
| 3765.00 | -0.203 | -0.237 | 0.315 | -0.315 |
| 3780.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3795.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3810.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3825.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3840.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3855.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3870.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3885.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3900.00 | -0.203 | -0.158 | 0.324 | -0.315 |
| 3915.00 | -0.203 | -0.158 | 0.334 | -0.315 |
| 3930.00 | -0.197 | -0.158 | 0.334 | -0.284 |
| 3945.00 | -0.197 | -0.158 | 0.334 | -0.284 |
| 3960.00 | -0.197 | -0.158 | 0.343 | -0.284 |
| 3975.00 | -0.203 | -0.158 | 0.334 | -0.284 |
| 3990.00 | -0.203 | -0.158 | 0.334 | -0.284 |
| 4005.00 | -0.209 | -0.158 | 0.324 | -0.284 |
| 4020.00 | -0.203 | -0.158 | 0.324 | -0.315 |
| 4035.00 | -0.203 | -0.158 | 0.334 | -0.284 |
| 4050.00 | -0.209 | -0.158 | 0.324 | -0.284 |
| 4065.00 | -0.216 | -0.158 | 0.315 | -0.284 |
| 4080.00 | -0.216 | -0.158 | 0.315 | -0.315 |
| 4095.00 | -0.216 | -0.158 | 0.315 | -0.315 |
| 4110.00 | -0.222 | -0.158 | 0.305 | -0.315 |
| 4125.00 | -0.228 | -0.158 | 0.296 | -0.315 |
| 4140.00 | -0.228 | -0.158 | 0.296 | -0.315 |
| 4155.00 | -0.235 | -0.158 | 0.296 | -0.315 |
| 4170.00 | -0.241 | -0.158 | 0.296 | -0.315 |
| 4185.00 | -0.241 | -0.158 | 0.286 | -0.315 |
| 4200.00 | -0.247 | -0.237 | 0.286 | -0.315 |
| 4215.00 | -0.254 | -0.237 | 0.276 | -0.347 |
| 4230.00 | -0.260 | -0.237 | 0.267 | -0.347 |
| 4245.00 | -0.260 | -0.237 | 0.267 | -0.347 |
| 4260.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4275.00 | -0.266 | -0.237 | 0.257 | -0.347 |
| 4290.00 | -0.266 | -0.237 | 0.257 | -0.347 |
| 4305.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4320.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4335.00 | -0.273 | -0.237 | 0.267 | -0.379 |
| 4350.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4365.00 | -0.273 | -0.237 | 0.257 | -0.347 |
| 4380.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4395.00 | -0.273 | -0.237 | 0.267 | -0.379 |
| 4410.00 | -0.273 | -0.237 | 0.267 | -0.379 |
| 4425.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4440.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4455.00 | -0.273 | -0.237 | 0.257 | -0.379 |



CHM 003 0814

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 4470.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4485.00 | -0.266 | -0.237 | 0.267 | -0.379 |
| 4500.00 | -0.266 | -0.237 | 0.267 | -0.379 |
| 4515.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4530.00 | -0.273 | -0.237 | 0.257 | -0.347 |
| 4545.00 | -0.266 | -0.237 | 0.257 | -0.379 |
| 4560.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4575.00 | -0.273 | -0.237 | 0.248 | -0.379 |
| 4590.00 | -0.273 | -0.237 | 0.248 | -0.379 |
| 4605.00 | -0.279 | -0.237 | 0.238 | -0.379 |
| 4620.00 | -0.279 | -0.237 | 0.238 | -0.379 |
| 4635.00 | -0.279 | -0.237 | 0.238 | -0.347 |
| 4650.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4665.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4680.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4695.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4710.00 | -0.286 | -0.237 | 0.229 | -0.379 |
| 4725.00 | -0.286 | -0.237 | 0.219 | -0.379 |
| 4740.00 | -0.292 | -0.237 | 0.219 | -0.379 |
| 4755.00 | -0.292 | -0.237 | 0.210 | -0.379 |
| 4770.00 | -0.298 | -0.237 | 0.210 | -0.379 |
| 4785.00 | -0.305 | -0.237 | 0.200 | -0.410 |
| 4800.00 | -0.311 | -0.317 | 0.200 | -0.410 |
| 4815.00 | -0.317 | -0.237 | 0.191 | -0.410 |
| 4830.00 | -0.317 | -0.237 | 0.181 | -0.410 |
| 4845.00 | -0.330 | -0.317 | 0.171 | -0.410 |
| 4860.00 | -0.343 | -0.317 | 0.162 | -0.442 |
| 4875.00 | -0.349 | -0.317 | 0.152 | -0.442 |
| 4890.00 | -0.362 | -0.317 | 0.133 | -0.473 |
| 4905.00 | -0.375 | -0.317 | 0.124 | -0.473 |
| 4920.00 | -0.387 | -0.317 | 0.114 | -0.473 |
| 4935.00 | -0.394 | -0.396 | 0.105 | -0.505 |
| 4950.00 | -0.406 | -0.317 | 0.095 | -0.505 |
| 4965.00 | -0.413 | -0.396 | 0.085 | -0.505 |
| 4980.00 | -0.419 | -0.396 | 0.076 | -0.505 |
| 4995.00 | -0.432 | -0.396 | 0.066 | -0.505 |
| 5010.00 | -0.444 | -0.396 | 0.057 | -0.536 |
| 5025.00 | -0.451 | -0.396 | 0.047 | -0.536 |
| 5040.00 | -0.464 | -0.396 | 0.038 | -0.536 |
| 5055.00 | -0.470 | -0.396 | 0.028 | -0.568 |
| 5070.00 | -0.476 | -0.396 | 0.019 | -0.568 |
| 5085.00 | -0.495 | -0.475 | 0.009 | -0.568 |
| 5100.00 | -0.502 | -0.475 | 0.000 | -0.600 |
| 5115.00 | -0.508 | -0.475 | -0.019 | -0.600 |
| 5130.00 | -0.521 | -0.475 | -0.028 | -0.600 |
| 5145.00 | -0.521 | -0.475 | -0.028 | -0.600 |
| 5160.00 | -0.533 | -0.475 | -0.038 | -0.631 |
| 5175.00 | -0.546 | -0.475 | -0.047 | -0.631 |
| 5190.00 | -0.559 | -0.475 | -0.057 | -0.663 |
| 5205.00 | -0.565 | -0.475 | -0.076 | -0.663 |
| 5220.00 | -0.584 | -0.554 | -0.085 | -0.694 |
| 5235.00 | -0.591 | -0.554 | -0.085 | -0.663 |
| 5250.00 | -0.591 | -0.554 | -0.095 | -0.694 |
| 5265.00 | -0.603 | -0.554 | -0.095 | -0.694 |



CHM 003 0815

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 5280.00 | -0.610 | -0.554 | -0.114 | -0.694 |
| 5295.00 | -0.616 | -0.554 | -0.105 | -0.726 |
| 5310.00 | -0.622 | -0.554 | -0.114 | -0.694 |
| 5325.00 | -0.622 | -0.554 | -0.114 | -0.694 |
| 5340.00 | -0.635 | -0.634 | -0.124 | -0.726 |
| 5355.00 | -0.648 | -0.634 | -0.124 | -0.726 |
| 5370.00 | -0.699 | -0.634 | -0.162 | -0.789 |
| 5385.00 | -0.705 | -0.634 | -0.171 | -0.789 |
| 5400.00 | -0.718 | -0.634 | -0.181 | -0.821 |
| 5415.00 | -0.737 | -0.634 | -0.200 | -0.821 |
| 5430.00 | -0.743 | -0.713 | -0.210 | -0.821 |
| 5445.00 | -0.756 | -0.713 | -0.219 | -0.852 |
| 5460.00 | -0.756 | -0.713 | -0.210 | -0.852 |
| 5475.00 | -0.775 | -0.713 | -0.238 | -0.852 |
| 5490.00 | -0.781 | -0.713 | -0.248 | -0.852 |
| 5505.00 | -0.788 | -0.713 | -0.248 | -0.884 |
| 5520.00 | -0.800 | -0.713 | -0.248 | -0.884 |
| 5535.00 | -0.807 | -0.713 | -0.267 | -0.884 |
| 5550.00 | -0.819 | -0.792 | -0.276 | -0.884 |
| 5565.00 | -0.832 | -0.792 | -0.286 | -0.915 |
| 5580.00 | -0.845 | -0.792 | -0.296 | -0.947 |
| 5595.00 | -0.858 | -0.792 | -0.315 | -0.947 |
| 5610.00 | -0.870 | -0.792 | -0.315 | -0.947 |
| 5625.00 | -0.877 | -0.792 | -0.324 | -0.947 |
| 5640.00 | -0.889 | -0.792 | -0.324 | -0.979 |
| 5655.00 | -0.896 | -0.792 | -0.334 | -0.979 |
| 5670.00 | -0.908 | -0.872 | -0.343 | -0.979 |
| 5685.00 | -0.915 | -0.872 | -0.353 | -1.010 |
| 5700.00 | -0.921 | -0.872 | -0.343 | -1.010 |
| 5715.00 | -0.915 | -0.872 | -0.343 | -1.010 |
| 5730.00 | -0.921 | -0.872 | -0.343 | -1.010 |
| 5745.00 | -0.921 | -0.872 | -0.334 | -1.010 |
| 5760.00 | -0.921 | -0.872 | -0.334 | -1.010 |
| 5775.00 | -0.921 | -0.872 | -0.334 | -1.010 |
| 5790.00 | -0.928 | -0.872 | -0.334 | -1.010 |
| 5805.00 | -0.934 | -0.872 | -0.343 | -1.042 |
| 5820.00 | -0.934 | -0.872 | -0.343 | -1.042 |
| 5835.00 | -0.934 | -0.951 | -0.343 | -1.042 |
| 5850.00 | -0.934 | -0.872 | -0.334 | -1.042 |
| 5865.00 | -0.928 | -0.872 | -0.324 | -1.042 |
| 5880.00 | -0.921 | -0.872 | -0.315 | -1.010 |
| 5895.00 | -0.915 | -0.872 | -0.305 | -1.010 |
| 5910.00 | -0.915 | -0.872 | -0.296 | -1.010 |
| 5925.00 | -0.902 | -0.951 | -0.276 | -1.010 |
| 5940.00 | -0.896 | -0.872 | -0.267 | -1.010 |
| 5955.00 | -0.889 | -0.872 | -0.257 | -1.010 |
| 5970.00 | -0.883 | -0.872 | -0.248 | -1.010 |
| 5985.00 | -0.883 | -0.872 | -0.238 | -0.979 |
| 6000.00 | -0.870 | -0.872 | -0.238 | -0.979 |
| 6015.00 | -0.870 | -0.872 | -0.229 | -0.979 |
| 6030.00 | -0.864 | -0.872 | -0.219 | -0.979 |
| 6045.00 | -0.858 | -0.872 | -0.210 | -0.979 |
| 6060.00 | -0.851 | -0.872 | -0.200 | -0.979 |
| 6075.00 | -0.845 | -0.872 | -0.200 | -0.979 |



CHM 003 0816

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 6090.00 | -0.839 | -0.872 | -0.191 | -0.947 |
| 6105.00 | -0.839 | -0.872 | -0.191 | -0.947 |
| 6120.00 | -0.832 | -0.872 | -0.181 | -0.947 |
| 6135.00 | -0.832 | -0.872 | -0.181 | -0.947 |
| 6150.00 | -0.826 | -0.872 | -0.181 | -0.947 |
| 6165.00 | -0.832 | -0.792 | -0.171 | -0.947 |
| 6180.00 | -0.826 | -0.872 | -0.171 | -0.947 |
| 6195.00 | -0.826 | -0.872 | -0.171 | -0.947 |
| 6210.00 | -0.819 | -0.872 | -0.152 | -0.947 |
| 6225.00 | -0.819 | -0.792 | -0.152 | -0.947 |
| 6240.00 | -0.813 | -0.872 | -0.152 | -0.947 |
| 6255.00 | -0.813 | -0.872 | -0.152 | -0.947 |
| 6270.00 | -0.819 | -0.872 | -0.152 | -0.947 |
| 6285.00 | -0.819 | -0.872 | -0.143 | -0.947 |
| 6300.00 | -0.819 | -0.872 | -0.143 | -0.947 |
| 6315.00 | -0.819 | -0.872 | -0.143 | -0.947 |
| 6330.00 | -0.819 | -0.872 | -0.133 | -0.947 |
| 6345.00 | -0.819 | -0.872 | -0.133 | -0.947 |
| 6360.00 | -0.819 | -0.872 | -0.124 | -0.947 |
| 6375.00 | -0.819 | -0.872 | -0.124 | -0.947 |
| 6390.00 | -0.826 | -0.872 | -0.124 | -0.947 |
| 6405.00 | -0.826 | -0.872 | -0.124 | -0.947 |
| 6420.00 | -0.826 | -0.872 | -0.124 | -0.947 |
| 6435.00 | -0.832 | -0.872 | -0.124 | -0.947 |
| 6450.00 | -0.832 | -0.872 | -0.124 | -0.979 |
| 6465.00 | -0.839 | -0.872 | -0.124 | -0.979 |
| 6480.00 | -0.845 | -0.872 | -0.124 | -0.979 |
| 6495.00 | -0.845 | -0.872 | -0.124 | -0.979 |
| 6510.00 | -0.851 | -0.872 | -0.124 | -0.979 |
| 6525.00 | -0.858 | -0.872 | -0.124 | -0.979 |
| 6540.00 | -0.858 | -0.872 | -0.133 | -0.979 |
| 6555.00 | -0.864 | -0.872 | -0.133 | -0.979 |
| 6570.00 | -0.864 | -0.872 | -0.133 | -1.010 |
| 6585.00 | -0.864 | -0.951 | -0.124 | -1.010 |
| 6600.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6615.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6630.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6645.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6660.00 | -0.870 | -0.951 | -0.114 | -1.010 |
| 6675.00 | -0.870 | -0.951 | -0.114 | -1.010 |
| 6690.00 | -0.864 | -0.951 | -0.114 | -1.010 |
| 6705.00 | -0.864 | -0.951 | -0.095 | -1.010 |
| 6720.00 | 24.528 | 12.364 | 9.319 | -0.947 |
| 6735.00 | 24.566 | 131.399 | 31.918 | -0.789 |



CHM 003 0817

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/29 07:53

Unit# 436 Test 1

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 | TW4 | TW3 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 | 0.115 | 0.033 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 | 20.009 | 29.983 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 | 0.091 | -0.012 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/24 15:26:23

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 0.0000 | 0.331 | 0.247 | -0.009 | 0.209 | -0.031 | -0.028 |
| 15.0000 | 0.293 | 0.228 | -0.028 | 0.216 | -0.025 | -0.018 |
| 30.0000 | 0.261 | 0.209 | -0.056 | 0.216 | -0.025 | -0.009 |
| 45.0000 | 0.216 | 0.190 | -0.075 | 0.222 | -0.025 | -0.028 |
| 60.0000 | 0.203 | 0.180 | -0.075 | 0.228 | -0.025 | -0.018 |
| 75.0000 | 0.191 | 0.171 | -0.085 | 0.228 | -0.018 | -0.009 |
| 90.0000 | 0.184 | 0.171 | -0.094 | 0.235 | -0.018 | 0.000 |
| 105.000 | 0.184 | 0.161 | -0.104 | 0.235 | -0.012 | 0.009 |
| 120.000 | 0.159 | 0.161 | -0.104 | 0.235 | -0.012 | -0.009 |
| 135.000 | 0.178 | 0.152 | -0.104 | 0.241 | -0.006 | 0.018 |
| 150.000 | 0.152 | 0.152 | -0.113 | 0.241 | 0.000 | 0.000 |
| 165.000 | 0.146 | 0.152 | -0.113 | 0.235 | 0.000 | 0.009 |
| 180.000 | 0.152 | 0.152 | -0.113 | 0.241 | 0.006 | 0.028 |
| 195.000 | 0.152 | 0.152 | -0.123 | 0.241 | 0.006 | 0.037 |
| 210.000 | 0.159 | 0.142 | -0.123 | 0.241 | 0.012 | 0.047 |
| 225.000 | 0.172 | 0.152 | -0.123 | 0.241 | 0.018 | 0.056 |
| 240.000 | 0.178 | 0.152 | -0.123 | 0.247 | 0.018 | 0.066 |
| 255.000 | 0.165 | 0.142 | -0.123 | 0.241 | 0.025 | 0.056 |
| 270.000 | 0.159 | 0.142 | -0.123 | 0.241 | 0.031 | 0.047 |
| 285.000 | 0.172 | 0.152 | -0.123 | 0.241 | 0.031 | 0.066 |
| 300.000 | 0.172 | 0.152 | -0.123 | 0.241 | 0.044 | 0.075 |
| 315.000 | 0.165 | 0.152 | -0.123 | 0.247 | 0.044 | 0.085 |
| 330.000 | 0.172 | 0.152 | -0.132 | 0.247 | 0.044 | 0.104 |
| 345.000 | 0.165 | 0.152 | -0.123 | 0.247 | 0.050 | 0.094 |
| 360.000 | 0.159 | 0.142 | -0.123 | 0.247 | 0.050 | 0.085 |
| 375.000 | 0.159 | 0.142 | -0.123 | 0.247 | 0.056 | 0.113 |
| 390.000 | 0.159 | 0.152 | -0.123 | 0.241 | 0.063 | 0.113 |
| 405.000 | 0.159 | 0.142 | -0.123 | 0.241 | 0.069 | 0.123 |



CHM 003 0818

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 420.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.075 | 0.113 |
| 435.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.075 | 0.123 |
| 450.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.082 | 0.123 |
| 465.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.088 | 0.160 |
| 480.000 | 0.152 | 0.133 | -0.132 | 0.241 | 0.094 | 0.151 |
| 495.000 | 0.152 | 0.133 | -0.142 | 0.241 | 0.101 | 0.141 |
| 510.000 | 0.152 | 0.133 | -0.142 | 0.241 | 0.113 | 0.151 |
| 525.000 | 0.146 | 0.123 | -0.142 | 0.241 | 0.113 | 0.160 |
| 540.000 | 0.146 | 0.123 | -0.151 | 0.235 | 0.120 | 0.179 |
| 555.000 | 0.140 | 0.123 | -0.151 | 0.235 | 0.120 | 0.170 |
| 570.000 | 0.133 | 0.114 | -0.151 | 0.228 | 0.126 | 0.151 |
| 585.000 | 0.133 | 0.114 | -0.151 | 0.228 | 0.132 | 0.141 |
| 600.000 | 0.127 | 0.114 | -0.161 | 0.222 | 0.126 | 0.141 |
| 615.000 | 0.127 | 0.104 | -0.161 | 0.222 | 0.132 | 0.160 |
| 630.000 | 0.127 | 0.104 | -0.161 | 0.216 | 0.132 | 0.151 |
| 645.000 | 0.127 | 0.104 | -0.161 | 0.209 | 0.132 | 0.141 |
| 660.000 | 0.127 | 0.104 | -0.161 | 0.209 | 0.139 | 0.132 |
| 675.000 | 0.127 | 0.095 | -0.170 | 0.209 | 0.139 | 0.132 |
| 690.000 | 0.121 | 0.095 | -0.170 | 0.203 | 0.139 | 0.132 |
| 705.000 | 0.121 | 0.095 | -0.170 | 0.203 | 0.145 | 0.123 |
| 720.000 | 0.114 | 0.095 | -0.170 | 0.197 | 0.145 | 0.123 |
| 735.000 | 0.121 | 0.095 | -0.170 | 0.197 | 0.145 | 0.123 |
| 750.000 | 0.114 | 0.095 | -0.170 | 0.190 | 0.145 | 0.123 |
| 765.000 | 0.114 | 0.095 | -0.170 | 0.190 | 0.151 | 0.123 |
| 780.000 | 0.121 | 0.085 | -0.170 | 0.190 | 0.151 | 0.123 |
| 795.000 | 0.114 | 0.085 | -0.170 | 0.184 | 0.151 | 0.123 |
| 810.000 | 0.114 | 0.085 | -0.170 | 0.184 | 0.151 | 0.123 |
| 825.000 | 0.121 | 0.085 | -0.170 | 0.184 | 0.158 | 0.132 |
| 840.000 | 0.121 | 0.095 | -0.161 | 0.184 | 0.158 | 0.132 |
| 855.000 | 0.121 | 0.095 | -0.161 | 0.184 | 0.164 | 0.132 |
| 870.000 | 0.121 | 0.095 | -0.161 | 0.184 | 0.164 | 0.132 |
| 885.000 | 0.127 | 0.095 | -0.151 | 0.184 | 0.164 | 0.141 |
| 900.000 | 0.133 | 0.104 | -0.142 | 0.190 | 0.170 | 0.151 |
| 915.000 | 0.140 | 0.104 | -0.142 | 0.190 | 0.170 | 0.160 |
| 930.000 | 0.133 | 0.114 | -0.142 | 0.190 | 0.177 | 0.160 |
| 945.000 | 0.140 | 0.114 | -0.142 | 0.190 | 0.177 | 0.160 |
| 960.000 | 0.146 | 0.123 | -0.132 | 0.197 | 0.183 | 0.179 |
| 975.000 | 0.152 | 0.123 | -0.132 | 0.197 | 0.189 | 0.179 |
| 990.000 | 0.152 | 0.123 | -0.123 | 0.203 | 0.196 | 0.189 |
| 1005.00 | 0.165 | 0.133 | -0.123 | 0.203 | 0.202 | 0.208 |
| 1020.00 | 0.172 | 0.133 | -0.123 | 0.209 | 0.208 | 0.217 |
| 1035.00 | 0.165 | 0.142 | -0.113 | 0.209 | 0.208 | 0.208 |
| 1050.00 | 0.178 | 0.142 | -0.113 | 0.216 | 0.215 | 0.227 |
| 1065.00 | 0.184 | 0.142 | -0.113 | 0.222 | 0.221 | 0.227 |
| 1080.00 | 0.191 | 0.152 | -0.104 | 0.228 | 0.227 | 0.236 |
| 1095.00 | 0.191 | 0.152 | -0.104 | 0.228 | 0.227 | 0.246 |
| 1110.00 | 0.184 | 0.152 | -0.104 | 0.228 | 0.234 | 0.255 |
| 1125.00 | 0.191 | 0.152 | -0.104 | 0.228 | 0.240 | 0.236 |
| 1140.00 | 0.178 | 0.152 | -0.104 | 0.222 | 0.240 | 0.246 |
| 1155.00 | 0.203 | 0.152 | -0.104 | 0.241 | 0.246 | 0.283 |
| 1170.00 | 0.216 | 0.152 | -0.113 | 0.228 | 0.246 | 0.312 |
| 1185.00 | 0.178 | 0.152 | -0.113 | 0.228 | 0.253 | 0.274 |
| 1200.00 | 0.152 | 0.152 | -0.113 | 0.222 | 0.253 | 0.236 |
| 1215.00 | 0.184 | 0.152 | -0.113 | 0.228 | 0.259 | 0.293 |



CHM 003 0819

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1230.00 | 0.184 | 0.142 | -0.123 | 0.222 | 0.259 | 0.293 |
| 1245.00 | 0.172 | 0.133 | -0.123 | 0.216 | 0.265 | 0.274 |
| 1260.00 | 0.191 | 0.133 | -0.123 | 0.222 | 0.265 | 0.302 |
| 1275.00 | 0.178 | 0.133 | -0.132 | 0.222 | 0.265 | 0.302 |
| 1290.00 | 0.172 | 0.123 | -0.132 | 0.228 | 0.265 | 0.293 |
| 1305.00 | 0.152 | 0.123 | -0.142 | 0.216 | 0.265 | 0.274 |
| 1320.00 | 0.133 | 0.123 | -0.142 | 0.216 | 0.265 | 0.255 |
| 1335.00 | 0.146 | 0.114 | -0.142 | 0.209 | 0.265 | 0.274 |
| 1350.00 | 0.133 | 0.114 | -0.151 | 0.209 | 0.265 | 0.265 |
| 1365.00 | 0.152 | 0.114 | -0.151 | 0.209 | 0.265 | 0.293 |
| 1380.00 | 0.121 | 0.104 | -0.151 | 0.203 | 0.265 | 0.255 |
| 1395.00 | 0.133 | 0.104 | -0.151 | 0.190 | 0.265 | 0.265 |
| 1410.00 | 0.133 | 0.104 | -0.151 | 0.190 | 0.265 | 0.255 |
| 1425.00 | 0.133 | 0.104 | -0.151 | 0.190 | 0.265 | 0.265 |
| 1440.00 | 0.121 | 0.095 | -0.161 | 0.190 | 0.265 | 0.246 |
| 1455.00 | 0.121 | 0.095 | -0.161 | 0.190 | 0.265 | 0.255 |
| 1470.00 | 0.114 | 0.095 | -0.161 | 0.184 | 0.265 | 0.246 |
| 1485.00 | 0.108 | 0.095 | -0.161 | 0.178 | 0.265 | 0.236 |
| 1500.00 | 0.108 | 0.085 | -0.161 | 0.171 | 0.265 | 0.236 |
| 1515.00 | 0.108 | 0.085 | -0.161 | 0.178 | 0.265 | 0.246 |
| 1530.00 | 0.121 | 0.085 | -0.161 | 0.178 | 0.265 | 0.255 |
| 1545.00 | 0.127 | 0.085 | -0.161 | 0.171 | 0.265 | 0.255 |
| 1560.00 | 0.121 | 0.085 | -0.161 | 0.171 | 0.265 | 0.255 |
| 1575.00 | 0.127 | 0.085 | -0.161 | 0.171 | 0.265 | 0.265 |
| 1590.00 | 0.127 | 0.085 | -0.161 | 0.171 | 0.265 | 0.265 |
| 1605.00 | 0.127 | 0.085 | -0.151 | 0.171 | 0.265 | 0.265 |
| 1620.00 | 0.133 | 0.085 | -0.161 | 0.171 | 0.265 | 0.255 |
| 1635.00 | 0.133 | 0.095 | -0.151 | 0.171 | 0.265 | 0.265 |
| 1650.00 | 0.133 | 0.095 | -0.151 | 0.165 | 0.272 | 0.265 |
| 1665.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1680.00 | 0.146 | 0.085 | -0.161 | 0.171 | 0.272 | 0.274 |
| 1695.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1710.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1725.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1740.00 | 0.140 | 0.095 | -0.151 | 0.165 | 0.278 | 0.265 |
| 1755.00 | 0.140 | 0.095 | -0.151 | 0.165 | 0.278 | 0.274 |
| 1770.00 | 0.140 | 0.095 | -0.151 | 0.165 | 0.278 | 0.283 |
| 1785.00 | 0.146 | 0.095 | -0.151 | 0.165 | 0.284 | 0.312 |
| 1800.00 | 0.146 | 0.095 | -0.151 | 0.165 | 0.284 | 0.331 |
| 1815.00 | 0.152 | 0.095 | -0.161 | 0.165 | 0.284 | 0.340 |
| 1830.00 | 0.140 | 0.085 | -0.161 | 0.165 | 0.284 | 0.321 |
| 1845.00 | 0.140 | 0.085 | -0.161 | 0.158 | 0.284 | 0.312 |
| 1860.00 | 0.133 | 0.085 | -0.170 | 0.158 | 0.284 | 0.302 |
| 1875.00 | 0.127 | 0.076 | -0.170 | 0.158 | 0.284 | 0.302 |
| 1890.00 | 0.127 | 0.076 | -0.170 | 0.152 | 0.284 | 0.293 |
| 1905.00 | 0.127 | 0.066 | -0.180 | 0.152 | 0.284 | 0.283 |
| 1920.00 | 0.121 | 0.057 | -0.189 | 0.146 | 0.284 | 0.274 |
| 1935.00 | 0.114 | 0.057 | -0.189 | 0.146 | 0.284 | 15.300 |
| 1950.00 | 0.108 | 0.047 | -0.199 | 0.139 | 0.278 | 15.300 |
| 1965.00 | 0.101 | 0.047 | -0.208 | 0.133 | 0.278 | 15.300 |
| 1980.00 | 0.101 | 0.038 | -0.208 | 0.133 | 0.278 | 15.300 |
| 1995.00 | 0.095 | 0.028 | -0.218 | 0.127 | 0.272 | 15.300 |
| 2010.00 | 0.082 | 0.019 | -0.227 | 0.120 | 0.272 | 15.300 |
| 2025.00 | 0.076 | 0.019 | -0.227 | 0.114 | 0.265 | 15.300 |



CHM 003 0820

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2040.00 | 0.070 | 0.009 | -0.237 | 0.108 | 0.265 | 15.300 |
| 2055.00 | 0.063 | 0.000 | -0.246 | 0.101 | 0.259 | 15.300 |
| 2070.00 | 0.050 | -0.009 | -0.256 | 0.095 | 0.259 | 15.300 |
| 2085.00 | 0.044 | -0.019 | -0.265 | 0.089 | 0.253 | 15.300 |
| 2100.00 | 0.044 | -0.019 | -0.265 | 0.076 | 0.253 | 15.300 |
| 2115.00 | 0.038 | -0.028 | -0.275 | 0.069 | 0.246 | 15.300 |
| 2130.00 | 0.025 | -0.028 | -0.275 | 0.069 | 0.240 | 15.300 |
| 2145.00 | 0.019 | -0.038 | -0.284 | 0.057 | 0.240 | 15.300 |
| 2160.00 | 0.019 | -0.047 | -0.284 | 0.050 | 0.234 | 15.300 |
| 2175.00 | 0.012 | -0.047 | -0.294 | 0.044 | 0.234 | 15.300 |
| 2190.00 | 0.000 | -0.057 | -0.294 | 0.038 | 0.227 | 15.300 |
| 2205.00 | 0.000 | -0.066 | -0.303 | 0.031 | 0.221 | 15.300 |
| 2220.00 | 0.000 | -0.066 | -0.313 | 0.025 | 0.221 | 15.300 |
| 2235.00 | -0.006 | -0.066 | -0.313 | 0.019 | 0.215 | 15.300 |
| 2250.00 | -0.012 | -0.076 | -0.313 | 0.012 | 0.215 | 15.300 |
| 2265.00 | -0.012 | -0.085 | -0.322 | 0.012 | 0.208 | 15.300 |
| 2280.00 | -0.019 | -0.076 | -0.322 | 0.006 | 0.208 | 15.300 |
| 2295.00 | -0.019 | -0.095 | -0.322 | 0.000 | 0.202 | 15.300 |
| 2310.00 | -0.025 | -0.085 | -0.332 | -0.006 | 0.202 | 15.300 |
| 2325.00 | -0.025 | -0.095 | -0.322 | -0.006 | 0.196 | 15.300 |
| 2340.00 | -0.031 | -0.095 | -0.332 | -0.012 | 0.196 | 15.300 |
| 2355.00 | -0.031 | -0.095 | -0.322 | -0.012 | 0.189 | 15.300 |
| 2370.00 | -0.025 | -0.095 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2385.00 | -0.019 | -0.095 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2400.00 | -0.012 | -0.095 | -0.322 | -0.025 | 0.189 | 15.300 |
| 2415.00 | -0.006 | -0.095 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2430.00 | -0.012 | -0.085 | -0.322 | -0.025 | 0.189 | 15.300 |
| 2445.00 | -0.012 | -0.085 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2460.00 | -0.006 | -0.085 | -0.322 | -0.019 | 0.196 | 15.300 |
| 2475.00 | 0.000 | -0.076 | -0.313 | -0.019 | 0.196 | 15.300 |
| 2490.00 | 0.000 | -0.076 | -0.313 | -0.019 | 0.196 | 15.300 |
| 2505.00 | 0.006 | -0.076 | -0.313 | -0.019 | 0.196 | 15.300 |
| 2520.00 | -0.044 | -0.076 | -0.313 | -0.025 | 0.202 | 15.300 |
| 2535.00 | 0.012 | -0.076 | -0.313 | -0.012 | 0.202 | 15.300 |
| 2550.00 | -0.038 | -0.076 | -0.322 | -0.025 | 0.202 | 15.300 |
| 2565.00 | 0.050 | -0.076 | -0.313 | 0.000 | 0.208 | 15.300 |
| 2580.00 | 0.012 | -0.085 | -0.322 | -0.019 | 0.208 | 15.300 |
| 2595.00 | 0.000 | -0.085 | -0.322 | -0.025 | 0.208 | 15.300 |
| 2610.00 | -0.006 | -0.085 | -0.322 | -0.025 | 0.208 | 15.300 |
| 2625.00 | -0.025 | -0.085 | -0.332 | -0.019 | 0.208 | 15.300 |
| 2640.00 | 0.000 | -0.095 | -0.332 | -0.025 | 0.208 | 15.300 |
| 2655.00 | -0.038 | -0.095 | -0.332 | -0.031 | 0.208 | 15.300 |
| 2670.00 | -0.038 | -0.104 | -0.341 | -0.038 | 0.202 | 15.300 |
| 2685.00 | -0.070 | -0.104 | -0.341 | -0.044 | 0.202 | 15.300 |
| 2700.00 | -0.050 | -0.104 | -0.351 | -0.038 | 0.202 | 15.300 |
| 2715.00 | -0.038 | -0.114 | -0.351 | -0.038 | 0.202 | 15.300 |
| 2730.00 | -0.070 | -0.114 | -0.360 | -0.050 | 0.196 | 15.300 |
| 2745.00 | -0.044 | -0.123 | -0.360 | -0.050 | 0.196 | 15.300 |
| 2760.00 | -0.063 | -0.123 | -0.370 | -0.057 | 0.196 | 15.300 |
| 2775.00 | -0.063 | -0.133 | -0.379 | -0.057 | 0.189 | 15.300 |
| 2790.00 | -0.076 | -0.133 | -0.379 | -0.063 | 0.183 | 15.300 |
| 2805.00 | -0.082 | -0.142 | -0.389 | -0.069 | 0.183 | 15.300 |
| 2820.00 | -0.095 | -0.142 | -0.389 | -0.069 | 0.177 | 15.300 |
| 2835.00 | -0.095 | -0.152 | -0.398 | -0.076 | 0.177 | 15.300 |



CHM 003 0821

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2850.00 | -0.095 | -0.152 | -0.398 | -0.076 | 0.170 | 15.300 |
| 2865.00 | -0.101 | -0.161 | -0.398 | -0.082 | 0.170 | 15.300 |
| 2880.00 | -0.095 | -0.161 | -0.398 | -0.082 | 0.164 | 15.300 |
| 2895.00 | -0.095 | -0.161 | -0.398 | -0.089 | 0.164 | 15.300 |
| 2910.00 | -0.108 | -0.171 | -0.408 | -0.089 | 0.164 | 15.300 |
| 2925.00 | -0.121 | -0.171 | -0.408 | -0.101 | 0.158 | 15.300 |
| 2940.00 | -0.108 | -0.171 | -0.408 | -0.095 | 0.158 | 15.300 |
| 2955.00 | -0.114 | -0.171 | -0.408 | -0.095 | 0.158 | 15.300 |
| 2970.00 | -0.108 | -0.171 | -0.408 | -0.101 | 0.151 | 15.300 |
| 2985.00 | -0.127 | -0.171 | -0.408 | -0.108 | 0.151 | 15.300 |
| 3000.00 | -0.127 | -0.171 | -0.408 | -0.108 | 0.151 | 15.300 |
| 3015.00 | -0.108 | -0.171 | -0.398 | -0.108 | 0.151 | 15.300 |
| 3030.00 | -0.101 | -0.171 | -0.398 | -0.101 | 0.151 | 15.300 |
| 3045.00 | -0.101 | -0.161 | -0.398 | -0.108 | 0.151 | 15.300 |
| 3060.00 | -0.101 | -0.161 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3075.00 | -0.095 | -0.161 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3090.00 | -0.095 | -0.152 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3105.00 | -0.089 | -0.152 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3120.00 | -0.089 | -0.152 | -0.389 | -0.095 | 0.158 | 15.300 |
| 3135.00 | -0.082 | -0.152 | -0.379 | -0.095 | 0.158 | 15.300 |
| 3150.00 | -0.076 | -0.142 | -0.379 | -0.089 | 0.158 | 15.300 |
| 3165.00 | -0.070 | -0.142 | -0.370 | -0.089 | 0.164 | 15.300 |
| 3180.00 | -0.070 | -0.133 | -0.370 | -0.089 | 0.164 | 15.300 |
| 3195.00 | -0.070 | -0.133 | -0.370 | -0.082 | 0.164 | 15.300 |
| 3210.00 | -0.063 | -0.133 | -0.370 | -0.082 | 0.170 | 15.300 |
| 3225.00 | -0.063 | -0.123 | -0.370 | -0.076 | 0.170 | 15.300 |
| 3240.00 | -0.063 | -0.123 | -0.360 | -0.076 | 0.177 | 15.300 |
| 3255.00 | -0.057 | -0.123 | -0.360 | -0.069 | 0.177 | 15.300 |
| 3270.00 | -0.050 | -0.123 | -0.360 | -0.069 | 0.183 | 15.300 |
| 3285.00 | -0.050 | -0.123 | -0.360 | -0.063 | 0.183 | 15.300 |
| 3300.00 | -0.050 | -0.123 | -0.360 | -0.063 | 0.189 | 15.300 |
| 3315.00 | -0.057 | -0.123 | -0.360 | -0.063 | 0.189 | 15.300 |
| 3330.00 | -0.050 | -0.123 | -0.370 | -0.063 | 0.189 | 15.300 |
| 3345.00 | -0.050 | -0.123 | -0.370 | -0.063 | 0.196 | 15.300 |
| 3360.00 | -0.057 | -0.123 | -0.370 | -0.063 | 0.196 | 15.300 |
| 3375.00 | -0.031 | -0.133 | -0.370 | -0.057 | 0.196 | 15.300 |
| 3390.00 | -0.050 | -0.133 | -0.379 | -0.063 | 0.196 | 15.300 |
| 3405.00 | -0.070 | -0.142 | -0.379 | -0.069 | 0.196 | 15.300 |
| 3420.00 | -0.076 | -0.152 | -0.389 | -0.069 | 0.196 | 15.300 |
| 3435.00 | -0.070 | -0.152 | -0.398 | -0.069 | 0.196 | 15.300 |
| 3450.00 | -0.063 | -0.161 | -0.398 | -0.076 | 0.196 | 15.300 |
| 3465.00 | -0.076 | -0.161 | -0.408 | -0.082 | 0.189 | 15.300 |
| 3480.00 | -0.089 | -0.171 | -0.408 | -0.089 | 0.189 | 15.300 |
| 3495.00 | -0.095 | -0.180 | -0.417 | -0.089 | 0.183 | 15.300 |
| 3510.00 | -0.101 | -0.180 | -0.427 | -0.095 | 0.183 | 15.300 |
| 3525.00 | -0.101 | -0.190 | -0.427 | -0.101 | 0.177 | 15.300 |
| 3540.00 | -0.108 | -0.190 | -0.436 | -0.108 | 0.177 | 15.300 |
| 3555.00 | -0.121 | -0.199 | -0.446 | -0.114 | 0.177 | 15.300 |
| 3570.00 | -0.127 | -0.209 | -0.446 | -0.114 | 0.170 | 15.300 |
| 3585.00 | -0.152 | -0.218 | -0.455 | -0.127 | 0.164 | 15.300 |
| 3600.00 | -0.140 | -0.218 | -0.465 | -0.127 | 0.164 | 15.300 |
| 3615.00 | -0.146 | -0.228 | -0.465 | -0.133 | 0.158 | 15.300 |
| 3630.00 | -0.152 | -0.228 | -0.465 | -0.139 | 0.158 | 15.300 |
| 3645.00 | -0.165 | -0.237 | -0.474 | -0.152 | 0.151 | 15.300 |



CHM 003 0822

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3660.00 | -0.159 | -0.237 | -0.474 | -0.152 | 0.151 | 15.300 |
| 3675.00 | -0.172 | -0.247 | -0.484 | -0.158 | 0.145 | 15.300 |
| 3690.00 | -0.165 | -0.247 | -0.484 | -0.158 | 0.139 | 15.300 |
| 3705.00 | -0.172 | -0.247 | -0.484 | -0.171 | 0.139 | 15.300 |
| 3720.00 | -0.178 | -0.257 | -0.493 | -0.178 | 0.132 | 15.300 |
| 3735.00 | -0.172 | -0.257 | -0.493 | -0.178 | 0.132 | 15.300 |
| 3750.00 | -0.172 | -0.257 | -0.493 | -0.184 | 0.126 | 15.300 |
| 3765.00 | -0.191 | -0.266 | -0.503 | -0.184 | 0.126 | 15.300 |
| 3780.00 | -0.191 | -0.266 | -0.503 | -0.190 | 0.120 | 15.300 |
| 3795.00 | -0.184 | -0.266 | -0.503 | -0.197 | 0.120 | 15.300 |
| 3810.00 | -0.197 | -0.266 | -0.503 | -0.203 | 0.113 | 15.300 |
| 3825.00 | -0.184 | -0.266 | -0.503 | -0.197 | 0.107 | 15.300 |
| 3840.00 | -0.184 | -0.266 | -0.503 | -0.203 | 0.107 | 15.300 |
| 3855.00 | -0.178 | -0.266 | -0.493 | -0.197 | 0.107 | 15.300 |
| 3870.00 | -0.178 | -0.266 | -0.503 | -0.203 | 0.107 | 15.300 |
| 3885.00 | -0.178 | -0.266 | -0.503 | -0.203 | 0.107 | 15.300 |
| 3900.00 | -0.184 | -0.266 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3915.00 | -0.178 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3930.00 | -0.178 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3945.00 | -0.178 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3960.00 | -0.172 | -0.257 | -0.484 | -0.203 | 0.101 | 15.300 |
| 3975.00 | -0.172 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3990.00 | -0.165 | -0.257 | -0.493 | -0.197 | 0.101 | 15.300 |
| 4005.00 | -0.172 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 4020.00 | -0.159 | -0.257 | -0.493 | -0.197 | 0.101 | 15.300 |
| 4035.00 | -0.184 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 4050.00 | -0.172 | -0.257 | -0.503 | -0.197 | 0.101 | 15.300 |
| 4065.00 | -0.127 | -0.266 | -0.503 | -0.190 | 0.101 | 15.300 |
| 4080.00 | -0.159 | -0.266 | -0.512 | -0.203 | 0.094 | 15.300 |
| 4095.00 | -0.223 | -0.266 | -0.503 | -0.216 | 0.094 | 15.300 |
| 4110.00 | -0.184 | -0.276 | -0.512 | -0.203 | 0.088 | 15.300 |
| 4125.00 | -0.178 | -0.276 | -0.522 | -0.203 | 0.088 | 15.300 |
| 4140.00 | -0.203 | -0.285 | -0.522 | -0.203 | 0.088 | 15.300 |
| 4155.00 | -0.223 | -0.285 | -0.522 | -0.216 | 0.082 | 15.300 |
| 4170.00 | -0.216 | -0.295 | -0.531 | -0.209 | 0.075 | 15.300 |
| 4185.00 | -0.223 | -0.295 | -0.531 | -0.216 | 0.075 | 15.300 |
| 4200.00 | -0.223 | -0.295 | -0.541 | -0.222 | 0.075 | 15.300 |
| 4215.00 | -0.242 | -0.304 | -0.541 | -0.228 | 0.069 | 15.300 |
| 4230.00 | -0.235 | -0.314 | -0.550 | -0.228 | 0.063 | 15.300 |
| 4245.00 | -0.242 | -0.314 | -0.550 | -0.235 | 0.063 | 15.300 |
| 4260.00 | -0.248 | -0.323 | -0.560 | -0.247 | 0.056 | 15.300 |
| 4275.00 | -0.248 | -0.323 | -0.560 | -0.241 | 0.056 | 15.300 |
| 4290.00 | -0.254 | -0.333 | -0.560 | -0.247 | 0.050 | 15.300 |
| 4305.00 | -0.254 | -0.333 | -0.569 | -0.247 | 0.050 | 15.300 |
| 4320.00 | -0.261 | -0.333 | -0.560 | -0.254 | 0.050 | 15.300 |
| 4335.00 | -0.254 | -0.333 | -0.560 | -0.254 | 0.044 | 15.300 |
| 4350.00 | -0.261 | -0.333 | -0.569 | -0.254 | 0.044 | 15.300 |
| 4365.00 | -0.261 | -0.333 | -0.569 | -0.260 | 0.044 | 15.300 |
| 4380.00 | -0.267 | -0.333 | -0.569 | -0.260 | 0.037 | 15.300 |
| 4395.00 | -0.267 | -0.333 | -0.569 | -0.267 | 0.037 | 15.300 |
| 4410.00 | -0.261 | -0.333 | -0.569 | -0.267 | 0.037 | 15.300 |
| 4425.00 | -0.261 | -0.333 | -0.569 | -0.260 | 0.037 | 15.300 |
| 4440.00 | -0.261 | -0.342 | -0.569 | -0.260 | 0.031 | 15.300 |
| 4455.00 | -0.261 | -0.333 | -0.569 | -0.267 | 0.037 | 15.300 |



CHM 003 0823

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 4470.00 | -0.254 | -0.333 | -0.560 | -0.267 | 0.037 | 15.300 |
| 4485.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.031 | 15.300 |
| 4500.00 | -0.254 | -0.323 | -0.560 | -0.267 | 0.031 | 15.300 |
| 4515.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.031 | 15.300 |
| 4530.00 | -0.248 | -0.323 | -0.560 | -0.260 | 0.031 | 15.300 |
| 4545.00 | -0.248 | -0.323 | -0.560 | -0.267 | 0.031 | 15.300 |
| 4560.00 | -0.248 | -0.333 | -0.560 | -0.267 | 0.025 | 15.300 |
| 4575.00 | -0.254 | -0.323 | -0.560 | -0.267 | 0.025 | 15.300 |
| 4590.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.025 | 15.300 |
| 4605.00 | -0.248 | -0.323 | -0.560 | -0.267 | 0.025 | 15.300 |
| 4620.00 | -0.248 | -0.323 | -0.560 | -0.260 | 0.018 | 15.300 |
| 4635.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.018 | 15.300 |
| 4650.00 | -0.254 | -0.333 | -0.560 | -0.267 | 0.018 | 15.300 |
| 4665.00 | -0.248 | -0.333 | -0.560 | -0.267 | 0.018 | 15.300 |
| 4680.00 | -0.248 | -0.333 | -0.560 | -0.260 | 0.012 | 15.300 |
| 4695.00 | -0.254 | -0.333 | -0.569 | -0.267 | 0.012 | 15.300 |
| 4710.00 | -0.254 | -0.333 | -0.560 | -0.267 | 0.006 | 15.300 |
| 4725.00 | -0.254 | -0.333 | -0.569 | -0.267 | 0.012 | 15.300 |
| 4740.00 | -0.254 | -0.333 | -0.569 | -0.267 | 0.006 | 15.300 |
| 4755.00 | -0.254 | -0.342 | -0.569 | -0.267 | 0.006 | 15.300 |
| 4770.00 | -0.261 | -0.342 | -0.569 | -0.267 | 0.000 | 15.300 |
| 4785.00 | -0.267 | -0.342 | -0.579 | -0.273 | 0.000 | 15.300 |
| 4800.00 | -0.261 | -0.352 | -0.588 | -0.273 | 0.000 | 15.300 |
| 4815.00 | -0.274 | -0.352 | -0.588 | -0.279 | -0.006 | 15.300 |
| 4830.00 | -0.274 | -0.361 | -0.598 | -0.279 | -0.012 | 15.300 |
| 4845.00 | -0.280 | -0.371 | -0.607 | -0.286 | -0.012 | 15.300 |
| 4860.00 | -0.299 | -0.380 | -0.617 | -0.292 | -0.018 | 15.300 |
| 4875.00 | -0.305 | -0.390 | -0.626 | -0.298 | -0.025 | 15.300 |
| 4890.00 | -0.312 | -0.399 | -0.636 | -0.305 | -0.031 | 15.300 |
| 4905.00 | -0.318 | -0.409 | -0.645 | -0.311 | -0.037 | 15.300 |
| 4920.00 | -0.324 | -0.418 | -0.655 | -0.317 | -0.044 | 15.300 |
| 4935.00 | -0.344 | -0.428 | -0.664 | -0.324 | -0.050 | 15.300 |
| 4950.00 | -0.344 | -0.437 | -0.674 | -0.336 | -0.056 | 15.300 |
| 4965.00 | -0.363 | -0.447 | -0.683 | -0.343 | -0.063 | 15.300 |
| 4980.00 | -0.369 | -0.456 | -0.693 | -0.356 | -0.069 | 15.300 |
| 4995.00 | -0.382 | -0.466 | -0.702 | -0.356 | -0.075 | 15.300 |
| 5010.00 | -0.395 | -0.475 | -0.712 | -0.368 | -0.088 | 15.300 |
| 5025.00 | -0.401 | -0.485 | -0.721 | -0.381 | -0.094 | 15.300 |
| 5040.00 | -0.407 | -0.504 | -0.731 | -0.387 | -0.101 | 15.300 |
| 5055.00 | -0.426 | -0.514 | -0.740 | -0.400 | -0.113 | 15.300 |
| 5070.00 | -0.433 | -0.523 | -0.750 | -0.406 | -0.120 | 15.300 |
| 5085.00 | -0.439 | -0.533 | -0.759 | -0.419 | -0.132 | 15.300 |
| 5100.00 | -0.446 | -0.542 | -0.778 | -0.432 | -0.139 | 15.300 |
| 5115.00 | -0.458 | -0.552 | -0.788 | -0.438 | -0.145 | 15.300 |
| 5130.00 | -0.471 | -0.561 | -0.797 | -0.451 | -0.158 | 15.300 |
| 5145.00 | -0.484 | -0.571 | -0.807 | -0.457 | -0.164 | 15.300 |
| 5160.00 | -0.490 | -0.580 | -0.816 | -0.476 | -0.177 | 15.300 |
| 5175.00 | -0.497 | -0.590 | -0.826 | -0.483 | -0.183 | 15.300 |
| 5190.00 | -0.503 | -0.609 | -0.845 | -0.502 | -0.189 | 15.300 |
| 5205.00 | -0.516 | -0.618 | -0.854 | -0.515 | -0.202 | 15.300 |
| 5220.00 | -0.528 | -0.637 | -0.864 | -0.527 | -0.208 | 15.300 |
| 5235.00 | -0.541 | -0.656 | -0.883 | -0.540 | -0.221 | 15.300 |
| 5250.00 | -0.554 | -0.666 | -0.892 | -0.559 | -0.227 | 15.300 |
| 5265.00 | -0.560 | -0.685 | -0.911 | -0.572 | -0.234 | 15.300 |



CHM 003 0824

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 5280.00 | -0.573 | -0.694 | -0.921 | -0.591 | -0.240 | 15.300 |
| 5295.00 | -0.586 | -0.713 | -0.930 | -0.610 | -0.253 | 15.300 |
| 5310.00 | -0.599 | -0.723 | -0.940 | -0.629 | -0.259 | 15.300 |
| 5325.00 | -0.605 | -0.733 | -0.949 | -0.635 | -0.265 | 15.300 |
| 5340.00 | -0.611 | -0.733 | -0.959 | -0.648 | -0.265 | 15.300 |
| 5355.00 | -0.630 | -0.752 | -0.978 | -0.667 | -0.278 | 15.300 |
| 5370.00 | -0.643 | -0.771 | -1.016 | -0.673 | -0.284 | 15.300 |
| 5385.00 | -0.669 | -0.799 | -1.035 | -0.693 | -0.291 | 15.300 |
| 5400.00 | -0.688 | -0.818 | -1.054 | -0.712 | -0.303 | 15.300 |
| 5415.00 | -0.707 | -0.837 | -1.063 | -0.724 | -0.310 | 15.300 |
| 5430.00 | -0.713 | -0.818 | -1.073 | -0.737 | -0.322 | 15.300 |
| 5445.00 | -0.739 | -0.780 | -1.082 | -0.756 | -0.335 | 15.300 |
| 5460.00 | -0.739 | -0.790 | -1.082 | -0.763 | -0.348 | 15.300 |
| 5475.00 | -0.739 | -0.723 | -1.092 | -0.769 | -0.360 | 15.300 |
| 5490.00 | -0.764 | -0.875 | -1.092 | -0.788 | -0.373 | 15.300 |
| 5505.00 | -0.771 | -0.875 | -1.101 | -0.794 | -0.386 | 15.300 |
| 5520.00 | -0.777 | -0.885 | -1.101 | -0.801 | -0.392 | 15.300 |
| 5535.00 | -0.783 | -0.885 | -1.101 | -0.807 | -0.405 | 15.300 |
| 5550.00 | -0.771 | -0.894 | -1.111 | -0.813 | -0.417 | 15.300 |
| 5565.00 | -0.777 | -0.904 | -1.120 | -0.820 | -0.430 | 15.300 |
| 5580.00 | -0.802 | -0.913 | -1.129 | -0.832 | -0.443 | 15.300 |
| 5595.00 | -0.802 | -0.913 | -1.129 | -0.839 | -0.455 | 15.300 |
| 5610.00 | -0.822 | -0.923 | -1.139 | -0.852 | -0.468 | 15.300 |
| 5625.00 | -0.834 | -0.932 | -1.148 | -0.858 | -0.481 | 15.300 |
| 5640.00 | -0.834 | -0.932 | -1.158 | -0.864 | -0.493 | 15.300 |
| 5655.00 | -0.847 | -0.942 | -1.158 | -0.871 | -0.506 | 15.300 |
| 5670.00 | -0.853 | -0.951 | -1.167 | -0.883 | -0.519 | 15.300 |
| 5685.00 | -0.853 | -0.961 | -1.177 | -0.877 | -0.531 | 15.300 |
| 5700.00 | -0.873 | -0.961 | -1.177 | -0.896 | -0.544 | 15.300 |
| 5715.00 | -0.885 | -0.971 | -1.177 | -0.902 | -0.550 | 15.300 |
| 5730.00 | -0.879 | -0.971 | -1.186 | -0.902 | -0.563 | 15.300 |
| 5745.00 | -0.873 | -0.971 | -1.186 | -0.909 | -0.569 | 15.300 |
| 5760.00 | -0.879 | -0.971 | -1.186 | -0.915 | -0.576 | 15.300 |
| 5775.00 | -0.873 | -0.971 | -1.186 | -0.915 | -0.588 | 15.300 |
| 5790.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.595 | 15.300 |
| 5805.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.601 | 15.300 |
| 5820.00 | -0.892 | -0.971 | -1.186 | -0.922 | -0.607 | 15.300 |
| 5835.00 | -0.892 | -0.971 | -1.186 | -0.922 | -0.614 | 15.300 |
| 5850.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.614 | 15.300 |
| 5865.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.620 | 15.300 |
| 5880.00 | -0.885 | -0.971 | -1.177 | -0.922 | -0.626 | 15.300 |
| 5895.00 | -0.892 | -0.961 | -1.177 | -0.922 | -0.626 | 15.300 |
| 5910.00 | -0.892 | -0.951 | -1.167 | -0.922 | -0.626 | 15.300 |
| 5925.00 | -0.885 | -0.951 | -1.158 | -0.915 | -0.626 | 15.300 |
| 5940.00 | -0.879 | -0.942 | -1.158 | -0.915 | -0.626 | 15.300 |
| 5955.00 | -0.860 | -0.932 | -1.148 | -0.902 | -0.626 | 15.300 |
| 5970.00 | -0.860 | -0.932 | -1.139 | -0.902 | -0.626 | 15.300 |
| 5985.00 | -0.853 | -0.923 | -1.129 | -0.896 | -0.626 | 15.300 |
| 6000.00 | -0.847 | -0.913 | -1.129 | -0.890 | -0.620 | 15.300 |
| 6015.00 | -0.841 | -0.913 | -1.120 | -0.890 | -0.620 | 15.300 |
| 6030.00 | -0.828 | -0.904 | -1.111 | -0.877 | -0.620 | 15.300 |
| 6045.00 | -0.828 | -0.894 | -1.111 | -0.871 | -0.614 | 15.300 |
| 6060.00 | -0.822 | -0.885 | -1.101 | -0.864 | -0.614 | 15.300 |
| 6075.00 | -0.822 | -0.875 | -1.092 | -0.864 | -0.614 | 15.300 |



CHM 003 0825

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 6090.00 | -0.815 | -0.875 | -1.092 | -0.852 | -0.607 | 15.300 |
| 6105.00 | -0.802 | -0.866 | -1.082 | -0.839 | -0.601 | 15.300 |
| 6120.00 | -0.802 | -0.856 | -1.082 | -0.839 | -0.607 | 15.300 |
| 6135.00 | -0.790 | -0.856 | -1.073 | -0.832 | -0.601 | 15.300 |
| 6150.00 | -0.783 | -0.847 | -1.073 | -0.826 | -0.595 | 15.300 |
| 6165.00 | -0.796 | -0.847 | -1.073 | -0.826 | -0.595 | 15.300 |
| 6180.00 | -0.783 | -0.837 | -1.073 | -0.813 | -0.588 | 15.300 |
| 6195.00 | -0.777 | -0.837 | -1.063 | -0.813 | -0.588 | 15.300 |
| 6210.00 | -0.783 | -0.837 | -1.063 | -0.807 | -0.582 | 15.300 |
| 6225.00 | -0.777 | -0.828 | -1.063 | -0.801 | -0.582 | 15.300 |
| 6240.00 | -0.771 | -0.828 | -1.054 | -0.794 | -0.576 | 15.300 |
| 6255.00 | -0.777 | -0.828 | -1.054 | -0.788 | -0.576 | 15.300 |
| 6270.00 | -0.764 | -0.828 | -1.054 | -0.788 | -0.569 | 15.300 |
| 6285.00 | -0.771 | -0.828 | -1.054 | -0.782 | -0.569 | 15.300 |
| 6300.00 | -0.771 | -0.828 | -1.063 | -0.782 | -0.569 | 15.300 |
| 6315.00 | -0.777 | -0.828 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6330.00 | -0.771 | -0.828 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6345.00 | -0.777 | -0.837 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6360.00 | -0.783 | -0.837 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6375.00 | -0.777 | -0.837 | -1.063 | -0.782 | -0.557 | 15.300 |
| 6390.00 | -0.777 | -0.837 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6405.00 | -0.777 | -0.837 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6420.00 | -0.783 | -0.837 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6435.00 | -0.790 | -0.847 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6450.00 | -0.790 | -0.847 | -1.082 | -0.782 | -0.557 | 15.300 |
| 6465.00 | -0.796 | -0.856 | -1.082 | -0.782 | -0.557 | 15.300 |
| 6480.00 | -0.790 | -0.856 | -1.092 | -0.788 | -0.557 | 15.300 |
| 6495.00 | -0.802 | -0.856 | -1.092 | -0.788 | -0.557 | 15.300 |
| 6510.00 | -0.809 | -0.866 | -1.101 | -0.788 | -0.557 | 15.300 |
| 6525.00 | -0.822 | -0.866 | -1.101 | -0.794 | -0.557 | 15.300 |
| 6540.00 | -0.822 | -0.875 | -1.101 | -0.801 | -0.557 | 15.300 |
| 6555.00 | -0.809 | -0.875 | -1.111 | -0.801 | -0.563 | 15.300 |
| 6570.00 | -0.815 | -0.875 | -1.111 | -0.807 | -0.563 | 15.300 |
| 6585.00 | -0.822 | -0.885 | -1.111 | -0.807 | -0.563 | 15.300 |
| 6600.00 | -0.822 | -0.885 | -1.111 | -0.813 | -0.569 | 15.300 |
| 6615.00 | -0.828 | -0.885 | -1.120 | -0.820 | -0.569 | 15.300 |
| 6630.00 | -0.828 | -0.885 | -1.120 | -0.820 | -0.569 | 15.300 |
| 6645.00 | -0.828 | -0.885 | -1.111 | -0.820 | -0.569 | 15.300 |
| 6660.00 | -0.822 | -0.885 | -1.111 | -0.820 | -0.569 | 15.300 |
| 6675.00 | -0.828 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |
| 6690.00 | -0.828 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |
| 6705.00 | -0.815 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |
| 6720.00 | -0.809 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |



CHM 003 0826

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: TW-2

SE10008
Environmental Logger
11/29 09:08

Unit# 03010 Test# 1

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 10.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 11/24 15:33

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.12 |
| 30.0000 | 10.12 |
| 60.0000 | 10.13 |
| 90.0000 | 10.13 |
| 120.000 | 10.13 |
| 150.000 | 10.14 |
| 180.000 | 10.15 |
| 210.000 | 10.15 |
| 240.000 | 10.16 |
| 270.000 | 10.17 |
| 300.000 | 10.18 |
| 330.000 | 10.19 |
| 360.000 | 10.20 |
| 390.000 | 10.22 |
| 420.000 | 10.21 |
| 450.000 | 10.24 |
| 480.000 | 10.23 |
| 510.000 | 10.24 |
| 540.000 | 10.25 |
| 570.000 | 10.23 |
| 600.000 | 10.24 |
| 630.000 | 10.24 |
| 660.000 | 10.22 |
| 690.000 | 10.22 |
| 720.000 | 10.23 |
| 750.000 | 10.22 |
| 780.000 | 10.23 |
| 810.000 | 10.24 |
| 840.000 | 10.24 |
| 870.000 | 10.24 |
| 900.000 | 10.27 |
| 930.000 | 10.27 |
| 960.000 | 10.29 |
| 990.000 | 10.30 |
| 1020.00 | 10.30 |



CHM 003 0827

| Elapsed Time | Value |
|---|---|
| 1050.00 | 10.32 |
| 1080.00 | 10.33 |
| 1110.00 | 10.34 |
| 1140.00 | 10.35 |
| 1170.00 | 10.35 |
| 1200.00 | 10.36 |
| 1230.00 | 10.34 |
| 1260.00 | 10.34 |
| 1290.00 | 10.35 |
| 1320.00 | 10.34 |
| 1350.00 | 10.34 |
| 1380.00 | 10.33 |
| 1410.00 | 10.33 |
| 1440.00 | 10.33 |
| 1470.00 | 10.32 |
| 1500.00 | 10.32 |
| 1530.00 | 10.32 |
| 1560.00 | 10.32 |
| 1590.00 | 10.32 |
| 1620.00 | 10.33 |
| 1650.00 | 10.33 |
| 1680.00 | 10.34 |
| 1710.00 | 10.33 |
| 1740.00 | 10.33 |
| 1770.00 | 10.36 |
| 1800.00 | 10.37 |
| 1830.00 | 10.35 |
| 1860.00 | 10.34 |
| 1890.00 | 10.32 |
| 1920.00 | 10.31 |
| 1950.00 | 10.30 |
| 1980.00 | 10.29 |
| 2010.00 | 10.28 |
| 2040.00 | 10.27 |
| 2070.00 | 10.25 |
| 2100.00 | 10.25 |
| 2130.00 | 10.24 |
| 2160.00 | 10.23 |
| 2190.00 | 10.22 |
| 2220.00 | 10.21 |
| 2250.00 | 10.21 |
| 2280.00 | 10.20 |
| 2310.00 | 10.20 |
| 2340.00 | 10.21 |
| 2370.00 | 10.20 |
| 2400.00 | 10.22 |
| 2430.00 | 10.23 |
| 2460.00 | 10.24 |
| 2490.00 | 10.24 |
| 2520.00 | 10.26 |
| 2550.00 | 10.27 |
| 2580.00 | 10.27 |
| 2610.00 | 10.26 |
| 2640.00 | 10.24 |

| Elapsed Time | Value |
|---|---|
| 2670.00 | 10.24 |
| 2700.00 | 10.23 |
| 2730.00 | 10.22 |
| 2760.00 | 10.20 |
| 2790.00 | 10.20 |
| 2820.00 | 10.19 |
| 2850.00 | 10.18 |
| 2880.00 | 10.18 |
| 2910.00 | 10.18 |
| 2940.00 | 10.17 |
| 2970.00 | 10.17 |
| 3000.00 | 10.17 |
| 3030.00 | 10.18 |
| 3060.00 | 10.18 |
| 3090.00 | 10.19 |
| 3120.00 | 10.20 |
| 3150.00 | 10.21 |
| 3180.00 | 10.22 |
| 3210.00 | 10.22 |
| 3240.00 | 10.22 |
| 3270.00 | 10.24 |
| 3300.00 | 10.22 |
| 3330.00 | 10.22 |
| 3360.00 | 10.23 |
| 3390.00 | 10.21 |
| 3420.00 | 10.20 |
| 3450.00 | 10.20 |
| 3480.00 | 10.18 |
| 3510.00 | 10.17 |
| 3540.00 | 10.17 |
| 3570.00 | 10.15 |
| 3600.00 | 10.14 |
| 3630.00 | 10.14 |
| 3660.00 | 10.13 |
| 3690.00 | 10.12 |
| 3720.00 | 10.12 |
| 3750.00 | 10.11 |
| 3780.00 | 10.10 |
| 3810.00 | 10.10 |
| 3840.00 | 10.11 |
| 3870.00 | 10.11 |
| 3900.00 | 10.11 |
| 3930.00 | 10.12 |
| 3960.00 | 10.13 |
| 3990.00 | 10.12 |
| 4020.00 | 10.12 |
| 4050.00 | 10.12 |
| 4080.00 | 10.11 |
| 4110.00 | 10.10 |
| 4140.00 | 10.09 |
| 4170.00 | 10.08 |
| 4200.00 | 10.07 |
| 4230.00 | 10.06 |
| 4260.00 | 10.05 |



CHM 003 0829

| Elapsed Time | Value |
|---|---|
| 4290.00 | 10.05 |
| 4320.00 | 10.06 |
| 4350.00 | 10.05 |
| 4380.00 | 10.06 |
| 4410.00 | 10.06 |
| 4440.00 | 10.05 |
| 4470.00 | 10.06 |
| 4500.00 | 10.06 |
| 4530.00 | 10.06 |
| 4560.00 | 10.05 |
| 4590.00 | 10.05 |
| 4620.00 | 10.05 |
| 4650.00 | 10.05 |
| 4680.00 | 10.05 |
| 4710.00 | 10.03 |
| 4740.00 | 10.03 |
| 4770.00 | 10.02 |
| 4800.00 | 10.00 |
| 4830.00 | 10.00 |
| 4860.00 | 9.97 |
| 4890.00 | 9.94 |
| 4920.00 | 9.93 |
| 4950.00 | 9.91 |
| 4980.00 | 9.89 |
| 5010.00 | 9.87 |
| 5040.00 | 9.85 |
| 5070.00 | 9.83 |
| 5100.00 | 9.81 |
| 5130.00 | 9.79 |
| 5160.00 | 9.78 |
| 5190.00 | 9.76 |
| 5220.00 | 9.74 |
| 5250.00 | 9.71 |
| 5280.00 | 9.68 |
| 5310.00 | 9.65 |
| 5340.00 | 9.64 |
| 5370.00 | 9.55 |
| 5400.00 | 9.34 |
| 5430.00 | 9.26 |
| 5460.00 | 9.31 |
| 5490.00 | 9.31 |
| 5520.00 | 9.30 |
| 5550.00 | 9.28 |
| 5580.00 | 9.26 |
| 5610.00 | 9.24 |
| 5640.00 | 9.22 |
| 5670.00 | 9.20 |
| 5700.00 | 9.20 |
| 5730.00 | 9.20 |
| 5760.00 | 9.21 |
| 5790.00 | 9.20 |
| 5820.00 | 9.20 |
| 5850.00 | 9.21 |
| 5880.00 | 9.21 |



CHM 003 0830

| Elapsed Time | Value |
|---|---|
| 5910.00 | 9.23 |
| 5940.00 | 9.24 |
| 5970.00 | 9.25 |
| 6000.00 | 9.27 |
| 6030.00 | 9.29 |
| 6060.00 | 9.29 |
| 6090.00 | 9.31 |
| 6120.00 | 9.32 |
| 6150.00 | 9.32 |
| 6180.00 | 9.34 |
| 6210.00 | 9.35 |
| 6240.00 | 9.34 |
| 6270.00 | 9.35 |
| 6300.00 | 9.36 |
| 6330.00 | 9.36 |
| 6360.00 | 9.36 |
| 6390.00 | 9.36 |
| 6420.00 | 9.36 |
| 6450.00 | 9.36 |
| 6480.00 | 9.35 |
| 6510.00 | 9.34 |
| 6540.00 | 9.34 |
| 6570.00 | 9.34 |
| 6600.00 | 9.33 |
| 6630.00 | 9.34 |
| 6660.00 | 9.34 |
| 6690.00 | 9.35 |
| 6720.00 | 9.39 |
| 6750.00 | 9.42 |



CHM 003 0831

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 3660.00 | -0.177 | -0.237 | 0.334 | -0.284 |
| 3675.00 | -0.184 | -0.237 | 0.334 | -0.284 |
| 3690.00 | -0.190 | -0.237 | 0.324 | -0.284 |
| 3705.00 | -0.197 | -0.237 | 0.324 | -0.284 |
| 3720.00 | -0.197 | -0.237 | 0.324 | -0.284 |
| 3735.00 | -0.197 | -0.237 | 0.324 | -0.315 |
| 3750.00 | -0.203 | -0.237 | 0.315 | -0.315 |
| 3765.00 | -0.203 | -0.237 | 0.315 | -0.315 |
| 3780.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3795.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3810.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3825.00 | -0.209 | -0.237 | 0.315 | -0.315 |
| 3840.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3855.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3870.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3885.00 | -0.209 | -0.237 | 0.324 | -0.315 |
| 3900.00 | -0.203 | -0.158 | 0.324 | -0.315 |
| 3915.00 | -0.203 | -0.158 | 0.334 | -0.315 |
| 3930.00 | -0.197 | -0.158 | 0.334 | -0.284 |
| 3945.00 | -0.197 | -0.158 | 0.334 | -0.284 |
| 3960.00 | -0.197 | -0.158 | 0.343 | -0.284 |
| 3975.00 | -0.203 | -0.158 | 0.334 | -0.284 |
| 3990.00 | -0.203 | -0.158 | 0.334 | -0.284 |
| 4005.00 | -0.209 | -0.158 | 0.324 | -0.284 |
| 4020.00 | -0.203 | -0.158 | 0.324 | -0.315 |
| 4035.00 | -0.203 | -0.158 | 0.334 | -0.284 |
| 4050.00 | -0.209 | -0.158 | 0.324 | -0.284 |
| 4065.00 | -0.216 | -0.158 | 0.315 | -0.284 |
| 4080.00 | -0.216 | -0.158 | 0.315 | -0.315 |
| 4095.00 | -0.216 | -0.158 | 0.315 | -0.315 |
| 4110.00 | -0.222 | -0.158 | 0.305 | -0.315 |
| 4125.00 | -0.228 | -0.158 | 0.296 | -0.315 |
| 4140.00 | -0.228 | -0.158 | 0.296 | -0.315 |
| 4155.00 | -0.235 | -0.158 | 0.296 | -0.315 |
| 4170.00 | -0.241 | -0.158 | 0.296 | -0.315 |
| 4185.00 | -0.241 | -0.158 | 0.286 | -0.315 |
| 4200.00 | -0.247 | -0.237 | 0.286 | -0.315 |
| 4215.00 | -0.254 | -0.237 | 0.276 | -0.347 |
| 4230.00 | -0.260 | -0.237 | 0.267 | -0.347 |
| 4245.00 | -0.260 | -0.237 | 0.267 | -0.347 |
| 4260.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4275.00 | -0.266 | -0.237 | 0.257 | -0.347 |
| 4290.00 | -0.266 | -0.237 | 0.257 | -0.347 |
| 4305.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4320.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4335.00 | -0.273 | -0.237 | 0.267 | -0.379 |
| 4350.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4365.00 | -0.273 | -0.237 | 0.257 | -0.347 |
| 4380.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4395.00 | -0.273 | -0.237 | 0.267 | -0.379 |
| 4410.00 | -0.273 | -0.237 | 0.267 | -0.379 |
| 4425.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4440.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4455.00 | -0.273 | -0.237 | 0.257 | -0.379 |



CHM 003 0832

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 4470.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4485.00 | -0.266 | -0.237 | 0.267 | -0.379 |
| 4500.00 | -0.266 | -0.237 | 0.267 | -0.379 |
| 4515.00 | -0.266 | -0.237 | 0.267 | -0.347 |
| 4530.00 | -0.273 | -0.237 | 0.257 | -0.347 |
| 4545.00 | -0.266 | -0.237 | 0.257 | -0.379 |
| 4560.00 | -0.273 | -0.237 | 0.257 | -0.379 |
| 4575.00 | -0.273 | -0.237 | 0.248 | -0.379 |
| 4590.00 | -0.273 | -0.237 | 0.248 | -0.379 |
| 4605.00 | -0.279 | -0.237 | 0.238 | -0.379 |
| 4620.00 | -0.279 | -0.237 | 0.238 | -0.379 |
| 4635.00 | -0.279 | -0.237 | 0.238 | -0.347 |
| 4650.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4665.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4680.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4695.00 | -0.279 | -0.237 | 0.229 | -0.379 |
| 4710.00 | -0.286 | -0.237 | 0.229 | -0.379 |
| 4725.00 | -0.286 | -0.237 | 0.219 | -0.379 |
| 4740.00 | -0.292 | -0.237 | 0.219 | -0.379 |
| 4755.00 | -0.292 | -0.237 | 0.210 | -0.379 |
| 4770.00 | -0.298 | -0.237 | 0.210 | -0.379 |
| 4785.00 | -0.305 | -0.237 | 0.200 | -0.410 |
| 4800.00 | -0.311 | -0.317 | 0.200 | -0.410 |
| 4815.00 | -0.317 | -0.237 | 0.191 | -0.410 |
| 4830.00 | -0.317 | -0.237 | 0.181 | -0.410 |
| 4845.00 | -0.330 | -0.317 | 0.171 | -0.410 |
| 4860.00 | -0.343 | -0.317 | 0.162 | -0.442 |
| 4875.00 | -0.349 | -0.317 | 0.152 | -0.442 |
| 4890.00 | -0.362 | -0.317 | 0.133 | -0.473 |
| 4905.00 | -0.375 | -0.317 | 0.124 | -0.473 |
| 4920.00 | -0.387 | -0.317 | 0.114 | -0.473 |
| 4935.00 | -0.394 | -0.396 | 0.105 | -0.505 |
| 4950.00 | -0.406 | -0.317 | 0.095 | -0.505 |
| 4965.00 | -0.413 | -0.396 | 0.085 | -0.505 |
| 4980.00 | -0.419 | -0.396 | 0.076 | -0.505 |
| 4995.00 | -0.432 | -0.396 | 0.066 | -0.505 |
| 5010.00 | -0.444 | -0.396 | 0.057 | -0.536 |
| 5025.00 | -0.451 | -0.396 | 0.047 | -0.536 |
| 5040.00 | -0.464 | -0.396 | 0.038 | -0.536 |
| 5055.00 | -0.470 | -0.396 | 0.028 | -0.568 |
| 5070.00 | -0.476 | -0.396 | 0.019 | -0.568 |
| 5085.00 | -0.495 | -0.475 | 0.009 | -0.568 |
| 5100.00 | -0.502 | -0.475 | 0.000 | -0.600 |
| 5115.00 | -0.508 | -0.475 | -0.019 | -0.600 |
| 5130.00 | -0.521 | -0.475 | -0.028 | -0.600 |
| 5145.00 | -0.521 | -0.475 | -0.028 | -0.600 |
| 5160.00 | -0.533 | -0.475 | -0.038 | -0.631 |
| 5175.00 | -0.546 | -0.475 | -0.047 | -0.631 |
| 5190.00 | -0.559 | -0.475 | -0.057 | -0.663 |
| 5205.00 | -0.565 | -0.475 | -0.076 | -0.663 |
| 5220.00 | -0.584 | -0.554 | -0.085 | -0.694 |
| 5235.00 | -0.591 | -0.554 | -0.085 | -0.663 |
| 5250.00 | -0.591 | -0.554 | -0.095 | -0.694 |
| 5265.00 | -0.603 | -0.554 | -0.095 | -0.694 |



CHM 003 0833

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 5280.00 | -0.610 | -0.554 | -0.114 | -0.694 |
| 5295.00 | -0.616 | -0.554 | -0.105 | -0.726 |
| 5310.00 | -0.622 | -0.554 | -0.114 | -0.694 |
| 5325.00 | -0.622 | -0.554 | -0.114 | -0.694 |
| 5340.00 | -0.635 | -0.634 | -0.124 | -0.726 |
| 5355.00 | -0.648 | -0.634 | -0.124 | -0.726 |
| 5370.00 | -0.699 | -0.634 | -0.162 | -0.789 |
| 5385.00 | -0.705 | -0.634 | -0.171 | -0.789 |
| 5400.00 | -0.718 | -0.634 | -0.181 | -0.821 |
| 5415.00 | -0.737 | -0.634 | -0.200 | -0.821 |
| 5430.00 | -0.743 | -0.713 | -0.210 | -0.821 |
| 5445.00 | -0.756 | -0.713 | -0.219 | -0.852 |
| 5460.00 | -0.756 | -0.713 | -0.210 | -0.852 |
| 5475.00 | -0.775 | -0.713 | -0.238 | -0.852 |
| 5490.00 | -0.781 | -0.713 | -0.248 | -0.852 |
| 5505.00 | -0.788 | -0.713 | -0.248 | -0.884 |
| 5520.00 | -0.800 | -0.713 | -0.248 | -0.884 |
| 5535.00 | -0.807 | -0.713 | -0.267 | -0.884 |
| 5550.00 | -0.819 | -0.792 | -0.276 | -0.884 |
| 5565.00 | -0.832 | -0.792 | -0.286 | -0.915 |
| 5580.00 | -0.845 | -0.792 | -0.296 | -0.947 |
| 5595.00 | -0.858 | -0.792 | -0.315 | -0.947 |
| 5610.00 | -0.870 | -0.792 | -0.315 | -0.947 |
| 5625.00 | -0.877 | -0.792 | -0.324 | -0.947 |
| 5640.00 | -0.889 | -0.792 | -0.324 | -0.979 |
| 5655.00 | -0.896 | -0.792 | -0.334 | -0.979 |
| 5670.00 | -0.908 | -0.872 | -0.343 | -0.979 |
| 5685.00 | -0.915 | -0.872 | -0.353 | -1.010 |
| 5700.00 | -0.921 | -0.872 | -0.343 | -1.010 |
| 5715.00 | -0.915 | -0.872 | -0.343 | -1.010 |
| 5730.00 | -0.921 | -0.872 | -0.343 | -1.010 |
| 5745.00 | -0.921 | -0.872 | -0.334 | -1.010 |
| 5760.00 | -0.921 | -0.872 | -0.334 | -1.010 |
| 5775.00 | -0.921 | -0.872 | -0.334 | -1.010 |
| 5790.00 | -0.928 | -0.872 | -0.334 | -1.010 |
| 5805.00 | -0.934 | -0.872 | -0.343 | -1.042 |
| 5820.00 | -0.934 | -0.872 | -0.343 | -1.042 |
| 5835.00 | -0.934 | -0.951 | -0.343 | -1.042 |
| 5850.00 | -0.934 | -0.872 | -0.334 | -1.042 |
| 5865.00 | -0.928 | -0.872 | -0.324 | -1.042 |
| 5880.00 | -0.921 | -0.872 | -0.315 | -1.010 |
| 5895.00 | -0.915 | -0.872 | -0.305 | -1.010 |
| 5910.00 | -0.915 | -0.872 | -0.296 | -1.010 |
| 5925.00 | -0.902 | -0.951 | -0.276 | -1.010 |
| 5940.00 | -0.896 | -0.872 | -0.267 | -1.010 |
| 5955.00 | -0.889 | -0.872 | -0.257 | -1.010 |
| 5970.00 | -0.883 | -0.872 | -0.248 | -1.010 |
| 5985.00 | -0.883 | -0.872 | -0.238 | -0.979 |
| 6000.00 | -0.870 | -0.872 | -0.238 | -0.979 |
| 6015.00 | -0.870 | -0.872 | -0.229 | -0.979 |
| 6030.00 | -0.864 | -0.872 | -0.219 | -0.979 |
| 6045.00 | -0.858 | -0.872 | -0.210 | -0.979 |
| 6060.00 | -0.851 | -0.872 | -0.200 | -0.979 |
| 6075.00 | -0.845 | -0.872 | -0.200 | -0.979 |



CHM 003 0834

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 6090.00 | -0.839 | -0.872 | -0.191 | -0.947 |
| 6105.00 | -0.839 | -0.872 | -0.191 | -0.947 |
| 6120.00 | -0.832 | -0.872 | -0.181 | -0.947 |
| 6135.00 | -0.832 | -0.872 | -0.181 | -0.947 |
| 6150.00 | -0.826 | -0.872 | -0.181 | -0.947 |
| 6165.00 | -0.832 | -0.792 | -0.171 | -0.947 |
| 6180.00 | -0.826 | -0.872 | -0.171 | -0.947 |
| 6195.00 | -0.826 | -0.872 | -0.171 | -0.947 |
| 6210.00 | -0.819 | -0.872 | -0.152 | -0.947 |
| 6225.00 | -0.819 | -0.792 | -0.152 | -0.947 |
| 6240.00 | -0.813 | -0.872 | -0.152 | -0.947 |
| 6255.00 | -0.813 | -0.872 | -0.152 | -0.947 |
| 6270.00 | -0.819 | -0.872 | -0.152 | -0.947 |
| 6285.00 | -0.819 | -0.872 | -0.143 | -0.947 |
| 6300.00 | -0.819 | -0.872 | -0.143 | -0.947 |
| 6315.00 | -0.819 | -0.872 | -0.143 | -0.947 |
| 6330.00 | -0.819 | -0.872 | -0.133 | -0.947 |
| 6345.00 | -0.819 | -0.872 | -0.133 | -0.947 |
| 6360.00 | -0.819 | -0.872 | -0.124 | -0.947 |
| 6375.00 | -0.819 | -0.872 | -0.124 | -0.947 |
| 6390.00 | -0.826 | -0.872 | -0.124 | -0.947 |
| 6405.00 | -0.826 | -0.872 | -0.124 | -0.947 |
| 6420.00 | -0.826 | -0.872 | -0.124 | -0.947 |
| 6435.00 | -0.832 | -0.872 | -0.124 | -0.947 |
| 6450.00 | -0.832 | -0.872 | -0.124 | -0.979 |
| 6465.00 | -0.839 | -0.872 | -0.124 | -0.979 |
| 6480.00 | -0.845 | -0.872 | -0.124 | -0.979 |
| 6495.00 | -0.845 | -0.872 | -0.124 | -0.979 |
| 6510.00 | -0.851 | -0.872 | -0.124 | -0.979 |
| 6525.00 | -0.858 | -0.872 | -0.124 | -0.979 |
| 6540.00 | -0.858 | -0.872 | -0.133 | -0.979 |
| 6555.00 | -0.864 | -0.872 | -0.133 | -0.979 |
| 6570.00 | -0.864 | -0.872 | -0.133 | -1.010 |
| 6585.00 | -0.864 | -0.951 | -0.124 | -1.010 |
| 6600.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6615.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6630.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6645.00 | -0.870 | -0.951 | -0.124 | -1.010 |
| 6660.00 | -0.870 | -0.951 | -0.114 | -1.010 |
| 6675.00 | -0.870 | -0.951 | -0.114 | -1.010 |
| 6690.00 | -0.864 | -0.951 | -0.114 | -1.010 |
| 6705.00 | -0.864 | -0.951 | -0.095 | -1.010 |
| 6720.00 | 24.528 | 12.364 | 9.319 | -0.947 |
| 6735.00 | 24.566 | 131.399 | 31.918 | -0.789 |



CHM 003 0835

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/29 07:53

Unit# 436 Test 1

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 | TW4 | TW3 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 | 0.115 | 0.033 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 | 20.009 | 29.983 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 | 0.091 | -0.012 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/24 15:26:23

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 0.0000 | 0.331 | 0.247 | -0.009 | 0.209 | -0.031 | -0.028 |
| 15.0000 | 0.293 | 0.228 | -0.028 | 0.216 | -0.025 | -0.018 |
| 30.0000 | 0.261 | 0.209 | -0.056 | 0.216 | -0.025 | -0.009 |
| 45.0000 | 0.216 | 0.190 | -0.075 | 0.222 | -0.025 | -0.028 |
| 60.0000 | 0.203 | 0.180 | -0.075 | 0.228 | -0.025 | -0.018 |
| 75.0000 | 0.191 | 0.171 | -0.085 | 0.228 | -0.018 | -0.009 |
| 90.0000 | 0.184 | 0.171 | -0.094 | 0.235 | -0.018 | 0.000 |
| 105.000 | 0.184 | 0.161 | -0.104 | 0.235 | -0.012 | 0.009 |
| 120.000 | 0.159 | 0.161 | -0.104 | 0.235 | -0.012 | -0.009 |
| 135.000 | 0.178 | 0.152 | -0.104 | 0.241 | -0.006 | 0.018 |
| 150.000 | 0.152 | 0.152 | -0.113 | 0.241 | 0.000 | 0.000 |
| 165.000 | 0.146 | 0.152 | -0.113 | 0.235 | 0.000 | 0.009 |
| 180.000 | 0.152 | 0.152 | -0.113 | 0.241 | 0.006 | 0.028 |
| 195.000 | 0.152 | 0.152 | -0.123 | 0.241 | 0.006 | 0.037 |
| 210.000 | 0.159 | 0.142 | -0.123 | 0.241 | 0.012 | 0.047 |
| 225.000 | 0.172 | 0.152 | -0.123 | 0.241 | 0.018 | 0.056 |
| 240.000 | 0.178 | 0.152 | -0.123 | 0.247 | 0.018 | 0.066 |
| 255.000 | 0.165 | 0.142 | -0.123 | 0.241 | 0.025 | 0.056 |
| 270.000 | 0.159 | 0.142 | -0.123 | 0.241 | 0.031 | 0.047 |
| 285.000 | 0.172 | 0.152 | -0.123 | 0.241 | 0.031 | 0.066 |
| 300.000 | 0.172 | 0.152 | -0.123 | 0.241 | 0.044 | 0.075 |
| 315.000 | 0.165 | 0.152 | -0.123 | 0.247 | 0.044 | 0.085 |
| 330.000 | 0.172 | 0.152 | -0.132 | 0.247 | 0.044 | 0.104 |
| 345.000 | 0.165 | 0.152 | -0.123 | 0.247 | 0.050 | 0.094 |
| 360.000 | 0.159 | 0.142 | -0.123 | 0.247 | 0.050 | 0.085 |
| 375.000 | 0.159 | 0.142 | -0.123 | 0.247 | 0.056 | 0.113 |
| 390.000 | 0.159 | 0.152 | -0.123 | 0.241 | 0.063 | 0.113 |
| 405.000 | 0.159 | 0.142 | -0.123 | 0.241 | 0.069 | 0.123 |



CHM 003 0836

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 420.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.075 | 0.113 |
| 435.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.075 | 0.123 |
| 450.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.082 | 0.123 |
| 465.000 | 0.152 | 0.142 | -0.132 | 0.241 | 0.088 | 0.160 |
| 480.000 | 0.152 | 0.133 | -0.132 | 0.241 | 0.094 | 0.151 |
| 495.000 | 0.152 | 0.133 | -0.142 | 0.241 | 0.101 | 0.141 |
| 510.000 | 0.152 | 0.133 | -0.142 | 0.241 | 0.113 | 0.151 |
| 525.000 | 0.146 | 0.123 | -0.142 | 0.241 | 0.113 | 0.160 |
| 540.000 | 0.146 | 0.123 | -0.151 | 0.235 | 0.120 | 0.179 |
| 555.000 | 0.140 | 0.123 | -0.151 | 0.235 | 0.120 | 0.170 |
| 570.000 | 0.133 | 0.114 | -0.151 | 0.228 | 0.126 | 0.151 |
| 585.000 | 0.133 | 0.114 | -0.151 | 0.228 | 0.132 | 0.141 |
| 600.000 | 0.127 | 0.114 | -0.161 | 0.222 | 0.126 | 0.141 |
| 615.000 | 0.127 | 0.104 | -0.161 | 0.222 | 0.132 | 0.160 |
| 630.000 | 0.127 | 0.104 | -0.161 | 0.216 | 0.132 | 0.151 |
| 645.000 | 0.127 | 0.104 | -0.161 | 0.209 | 0.132 | 0.141 |
| 660.000 | 0.127 | 0.104 | -0.161 | 0.209 | 0.139 | 0.132 |
| 675.000 | 0.127 | 0.095 | -0.170 | 0.209 | 0.139 | 0.132 |
| 690.000 | 0.121 | 0.095 | -0.170 | 0.203 | 0.139 | 0.132 |
| 705.000 | 0.121 | 0.095 | -0.170 | 0.203 | 0.145 | 0.123 |
| 720.000 | 0.114 | 0.095 | -0.170 | 0.197 | 0.145 | 0.123 |
| 735.000 | 0.121 | 0.095 | -0.170 | 0.197 | 0.145 | 0.123 |
| 750.000 | 0.114 | 0.095 | -0.170 | 0.190 | 0.145 | 0.123 |
| 765.000 | 0.114 | 0.095 | -0.170 | 0.190 | 0.151 | 0.123 |
| 780.000 | 0.121 | 0.085 | -0.170 | 0.190 | 0.151 | 0.123 |
| 795.000 | 0.114 | 0.085 | -0.170 | 0.184 | 0.151 | 0.123 |
| 810.000 | 0.114 | 0.085 | -0.170 | 0.184 | 0.151 | 0.123 |
| 825.000 | 0.121 | 0.085 | -0.170 | 0.184 | 0.158 | 0.132 |
| 840.000 | 0.121 | 0.095 | -0.161 | 0.184 | 0.158 | 0.132 |
| 855.000 | 0.121 | 0.095 | -0.161 | 0.184 | 0.164 | 0.132 |
| 870.000 | 0.121 | 0.095 | -0.161 | 0.184 | 0.164 | 0.132 |
| 885.000 | 0.127 | 0.095 | -0.151 | 0.184 | 0.164 | 0.141 |
| 900.000 | 0.133 | 0.104 | -0.142 | 0.190 | 0.170 | 0.151 |
| 915.000 | 0.140 | 0.104 | -0.142 | 0.190 | 0.170 | 0.160 |
| 930.000 | 0.133 | 0.114 | -0.142 | 0.190 | 0.177 | 0.160 |
| 945.000 | 0.140 | 0.114 | -0.142 | 0.190 | 0.177 | 0.160 |
| 960.000 | 0.146 | 0.123 | -0.132 | 0.197 | 0.183 | 0.179 |
| 975.000 | 0.152 | 0.123 | -0.132 | 0.197 | 0.189 | 0.179 |
| 990.000 | 0.152 | 0.123 | -0.123 | 0.203 | 0.196 | 0.189 |
| 1005.00 | 0.165 | 0.133 | -0.123 | 0.203 | 0.202 | 0.208 |
| 1020.00 | 0.172 | 0.133 | -0.123 | 0.209 | 0.208 | 0.217 |
| 1035.00 | 0.165 | 0.142 | -0.113 | 0.209 | 0.208 | 0.208 |
| 1050.00 | 0.178 | 0.142 | -0.113 | 0.216 | 0.215 | 0.227 |
| 1065.00 | 0.184 | 0.142 | -0.113 | 0.222 | 0.221 | 0.227 |
| 1080.00 | 0.191 | 0.152 | -0.104 | 0.228 | 0.227 | 0.236 |
| 1095.00 | 0.191 | 0.152 | -0.104 | 0.228 | 0.227 | 0.246 |
| 1110.00 | 0.184 | 0.152 | -0.104 | 0.228 | 0.234 | 0.255 |
| 1125.00 | 0.191 | 0.152 | -0.104 | 0.228 | 0.240 | 0.236 |
| 1140.00 | 0.178 | 0.152 | -0.104 | 0.222 | 0.240 | 0.246 |
| 1155.00 | 0.203 | 0.152 | -0.104 | 0.241 | 0.246 | 0.283 |
| 1170.00 | 0.216 | 0.152 | -0.113 | 0.228 | 0.246 | 0.312 |
| 1185.00 | 0.178 | 0.152 | -0.113 | 0.228 | 0.253 | 0.274 |
| 1200.00 | 0.152 | 0.152 | -0.113 | 0.222 | 0.253 | 0.236 |
| 1215.00 | 0.184 | 0.152 | -0.113 | 0.228 | 0.259 | 0.293 |



CHM 003 0837

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1230.00 | 0.184 | 0.142 | -0.123 | 0.222 | 0.259 | 0.293 |
| 1245.00 | 0.172 | 0.133 | -0.123 | 0.216 | 0.265 | 0.274 |
| 1260.00 | 0.191 | 0.133 | -0.123 | 0.222 | 0.265 | 0.302 |
| 1275.00 | 0.178 | 0.133 | -0.132 | 0.222 | 0.265 | 0.302 |
| 1290.00 | 0.172 | 0.123 | -0.132 | 0.228 | 0.265 | 0.293 |
| 1305.00 | 0.152 | 0.123 | -0.142 | 0.216 | 0.265 | 0.274 |
| 1320.00 | 0.133 | 0.123 | -0.142 | 0.216 | 0.265 | 0.255 |
| 1335.00 | 0.146 | 0.114 | -0.142 | 0.209 | 0.265 | 0.274 |
| 1350.00 | 0.133 | 0.114 | -0.151 | 0.209 | 0.265 | 0.265 |
| 1365.00 | 0.152 | 0.114 | -0.151 | 0.209 | 0.265 | 0.293 |
| 1380.00 | 0.121 | 0.104 | -0.151 | 0.203 | 0.265 | 0.255 |
| 1395.00 | 0.133 | 0.104 | -0.151 | 0.190 | 0.265 | 0.265 |
| 1410.00 | 0.133 | 0.104 | -0.151 | 0.190 | 0.265 | 0.255 |
| 1425.00 | 0.133 | 0.104 | -0.151 | 0.190 | 0.265 | 0.265 |
| 1440.00 | 0.121 | 0.095 | -0.161 | 0.190 | 0.265 | 0.246 |
| 1455.00 | 0.121 | 0.095 | -0.161 | 0.190 | 0.265 | 0.255 |
| 1470.00 | 0.114 | 0.095 | -0.161 | 0.184 | 0.265 | 0.246 |
| 1485.00 | 0.108 | 0.095 | -0.161 | 0.178 | 0.265 | 0.236 |
| 1500.00 | 0.108 | 0.085 | -0.161 | 0.171 | 0.265 | 0.236 |
| 1515.00 | 0.108 | 0.085 | -0.161 | 0.178 | 0.265 | 0.246 |
| 1530.00 | 0.121 | 0.085 | -0.161 | 0.178 | 0.265 | 0.255 |
| 1545.00 | 0.127 | 0.085 | -0.161 | 0.171 | 0.265 | 0.255 |
| 1560.00 | 0.121 | 0.085 | -0.161 | 0.171 | 0.265 | 0.255 |
| 1575.00 | 0.127 | 0.085 | -0.161 | 0.171 | 0.265 | 0.265 |
| 1590.00 | 0.127 | 0.085 | -0.161 | 0.171 | 0.265 | 0.265 |
| 1605.00 | 0.127 | 0.085 | -0.151 | 0.171 | 0.265 | 0.265 |
| 1620.00 | 0.133 | 0.085 | -0.161 | 0.171 | 0.265 | 0.255 |
| 1635.00 | 0.133 | 0.095 | -0.151 | 0.171 | 0.265 | 0.265 |
| 1650.00 | 0.133 | 0.095 | -0.151 | 0.165 | 0.272 | 0.265 |
| 1665.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1680.00 | 0.146 | 0.085 | -0.161 | 0.171 | 0.272 | 0.274 |
| 1695.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1710.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1725.00 | 0.140 | 0.095 | -0.151 | 0.171 | 0.272 | 0.274 |
| 1740.00 | 0.140 | 0.095 | -0.151 | 0.165 | 0.278 | 0.265 |
| 1755.00 | 0.140 | 0.095 | -0.151 | 0.165 | 0.278 | 0.274 |
| 1770.00 | 0.140 | 0.095 | -0.151 | 0.165 | 0.278 | 0.283 |
| 1785.00 | 0.146 | 0.095 | -0.151 | 0.165 | 0.284 | 0.312 |
| 1800.00 | 0.146 | 0.095 | -0.151 | 0.165 | 0.284 | 0.331 |
| 1815.00 | 0.152 | 0.095 | -0.161 | 0.165 | 0.284 | 0.340 |
| 1830.00 | 0.140 | 0.085 | -0.161 | 0.165 | 0.284 | 0.321 |
| 1845.00 | 0.140 | 0.085 | -0.161 | 0.158 | 0.284 | 0.312 |
| 1860.00 | 0.133 | 0.085 | -0.170 | 0.158 | 0.284 | 0.302 |
| 1875.00 | 0.127 | 0.076 | -0.170 | 0.158 | 0.284 | 0.302 |
| 1890.00 | 0.127 | 0.076 | -0.170 | 0.152 | 0.284 | 0.293 |
| 1905.00 | 0.127 | 0.066 | -0.180 | 0.152 | 0.284 | 0.283 |
| 1920.00 | 0.121 | 0.057 | -0.189 | 0.146 | 0.284 | 0.274 |
| 1935.00 | 0.114 | 0.057 | -0.189 | 0.146 | 0.284 | 15.300 |
| 1950.00 | 0.108 | 0.047 | -0.199 | 0.139 | 0.278 | 15.300 |
| 1965.00 | 0.101 | 0.047 | -0.208 | 0.133 | 0.278 | 15.300 |
| 1980.00 | 0.101 | 0.038 | -0.208 | 0.133 | 0.278 | 15.300 |
| 1995.00 | 0.095 | 0.028 | -0.218 | 0.127 | 0.272 | 15.300 |
| 2010.00 | 0.082 | 0.019 | -0.227 | 0.120 | 0.272 | 15.300 |
| 2025.00 | 0.076 | 0.019 | -0.227 | 0.114 | 0.265 | 15.300 |



CHM 003 0838

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2040.00 | 0.070 | 0.009 | -0.237 | 0.108 | 0.265 | 15.300 |
| 2055.00 | 0.063 | 0.000 | -0.246 | 0.101 | 0.259 | 15.300 |
| 2070.00 | 0.050 | -0.009 | -0.256 | 0.095 | 0.259 | 15.300 |
| 2085.00 | 0.044 | -0.019 | -0.265 | 0.089 | 0.253 | 15.300 |
| 2100.00 | 0.044 | -0.019 | -0.265 | 0.076 | 0.253 | 15.300 |
| 2115.00 | 0.038 | -0.028 | -0.275 | 0.069 | 0.246 | 15.300 |
| 2130.00 | 0.025 | -0.028 | -0.275 | 0.069 | 0.240 | 15.300 |
| 2145.00 | 0.019 | -0.038 | -0.284 | 0.057 | 0.240 | 15.300 |
| 2160.00 | 0.019 | -0.047 | -0.284 | 0.050 | 0.234 | 15.300 |
| 2175.00 | 0.012 | -0.047 | -0.294 | 0.044 | 0.234 | 15.300 |
| 2190.00 | 0.000 | -0.057 | -0.294 | 0.038 | 0.227 | 15.300 |
| 2205.00 | 0.000 | -0.066 | -0.303 | 0.031 | 0.221 | 15.300 |
| 2220.00 | 0.000 | -0.066 | -0.313 | 0.025 | 0.221 | 15.300 |
| 2235.00 | -0.006 | -0.066 | -0.313 | 0.019 | 0.215 | 15.300 |
| 2250.00 | -0.012 | -0.076 | -0.313 | 0.012 | 0.215 | 15.300 |
| 2265.00 | -0.012 | -0.085 | -0.322 | 0.012 | 0.208 | 15.300 |
| 2280.00 | -0.019 | -0.076 | -0.322 | 0.006 | 0.208 | 15.300 |
| 2295.00 | -0.019 | -0.095 | -0.322 | 0.000 | 0.202 | 15.300 |
| 2310.00 | -0.025 | -0.085 | -0.332 | -0.006 | 0.202 | 15.300 |
| 2325.00 | -0.025 | -0.095 | -0.322 | -0.006 | 0.196 | 15.300 |
| 2340.00 | -0.031 | -0.095 | -0.332 | -0.012 | 0.196 | 15.300 |
| 2355.00 | -0.031 | -0.095 | -0.322 | -0.012 | 0.189 | 15.300 |
| 2370.00 | -0.025 | -0.095 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2385.00 | -0.019 | -0.095 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2400.00 | -0.012 | -0.095 | -0.322 | -0.025 | 0.189 | 15.300 |
| 2415.00 | -0.006 | -0.095 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2430.00 | -0.012 | -0.085 | -0.322 | -0.025 | 0.189 | 15.300 |
| 2445.00 | -0.012 | -0.085 | -0.322 | -0.019 | 0.189 | 15.300 |
| 2460.00 | -0.006 | -0.085 | -0.322 | -0.019 | 0.196 | 15.300 |
| 2475.00 | 0.000 | -0.076 | -0.313 | -0.019 | 0.196 | 15.300 |
| 2490.00 | 0.000 | -0.076 | -0.313 | -0.019 | 0.196 | 15.300 |
| 2505.00 | 0.006 | -0.076 | -0.313 | -0.019 | 0.196 | 15.300 |
| 2520.00 | -0.044 | -0.076 | -0.313 | -0.025 | 0.202 | 15.300 |
| 2535.00 | 0.012 | -0.076 | -0.313 | -0.012 | 0.202 | 15.300 |
| 2550.00 | -0.038 | -0.076 | -0.322 | -0.025 | 0.202 | 15.300 |
| 2565.00 | 0.050 | -0.076 | -0.313 | 0.000 | 0.208 | 15.300 |
| 2580.00 | 0.012 | -0.085 | -0.322 | -0.019 | 0.208 | 15.300 |
| 2595.00 | 0.000 | -0.085 | -0.322 | -0.025 | 0.208 | 15.300 |
| 2610.00 | -0.006 | -0.085 | -0.322 | -0.025 | 0.208 | 15.300 |
| 2625.00 | -0.025 | -0.085 | -0.332 | -0.019 | 0.208 | 15.300 |
| 2640.00 | 0.000 | -0.095 | -0.332 | -0.025 | 0.208 | 15.300 |
| 2655.00 | -0.038 | -0.095 | -0.332 | -0.031 | 0.208 | 15.300 |
| 2670.00 | -0.038 | -0.104 | -0.341 | -0.038 | 0.202 | 15.300 |
| 2685.00 | -0.070 | -0.104 | -0.341 | -0.044 | 0.202 | 15.300 |
| 2700.00 | -0.050 | -0.104 | -0.351 | -0.038 | 0.202 | 15.300 |
| 2715.00 | -0.038 | -0.114 | -0.351 | -0.038 | 0.202 | 15.300 |
| 2730.00 | -0.070 | -0.114 | -0.360 | -0.050 | 0.196 | 15.300 |
| 2745.00 | -0.044 | -0.123 | -0.360 | -0.050 | 0.196 | 15.300 |
| 2760.00 | -0.063 | -0.123 | -0.370 | -0.057 | 0.196 | 15.300 |
| 2775.00 | -0.063 | -0.133 | -0.379 | -0.057 | 0.189 | 15.300 |
| 2790.00 | -0.076 | -0.133 | -0.379 | -0.063 | 0.183 | 15.300 |
| 2805.00 | -0.082 | -0.142 | -0.389 | -0.069 | 0.183 | 15.300 |
| 2820.00 | -0.095 | -0.142 | -0.389 | -0.069 | 0.177 | 15.300 |
| 2835.00 | -0.095 | -0.152 | -0.398 | -0.076 | 0.177 | 15.300 |



CHM 003 0839

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2850.00 | -0.095 | -0.152 | -0.398 | -0.076 | 0.170 | 15.300 |
| 2865.00 | -0.101 | -0.161 | -0.398 | -0.082 | 0.170 | 15.300 |
| 2880.00 | -0.095 | -0.161 | -0.398 | -0.082 | 0.164 | 15.300 |
| 2895.00 | -0.095 | -0.161 | -0.398 | -0.089 | 0.164 | 15.300 |
| 2910.00 | -0.108 | -0.171 | -0.408 | -0.089 | 0.164 | 15.300 |
| 2925.00 | -0.121 | -0.171 | -0.408 | -0.101 | 0.158 | 15.300 |
| 2940.00 | -0.108 | -0.171 | -0.408 | -0.095 | 0.158 | 15.300 |
| 2955.00 | -0.114 | -0.171 | -0.408 | -0.095 | 0.158 | 15.300 |
| 2970.00 | -0.108 | -0.171 | -0.408 | -0.101 | 0.151 | 15.300 |
| 2985.00 | -0.127 | -0.171 | -0.408 | -0.108 | 0.151 | 15.300 |
| 3000.00 | -0.127 | -0.171 | -0.408 | -0.108 | 0.151 | 15.300 |
| 3015.00 | -0.108 | -0.171 | -0.398 | -0.108 | 0.151 | 15.300 |
| 3030.00 | -0.101 | -0.171 | -0.398 | -0.101 | 0.151 | 15.300 |
| 3045.00 | -0.101 | -0.161 | -0.398 | -0.108 | 0.151 | 15.300 |
| 3060.00 | -0.101 | -0.161 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3075.00 | -0.095 | -0.161 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3090.00 | -0.095 | -0.152 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3105.00 | -0.089 | -0.152 | -0.389 | -0.101 | 0.151 | 15.300 |
| 3120.00 | -0.089 | -0.152 | -0.389 | -0.095 | 0.158 | 15.300 |
| 3135.00 | -0.082 | -0.152 | -0.379 | -0.095 | 0.158 | 15.300 |
| 3150.00 | -0.076 | -0.142 | -0.379 | -0.089 | 0.158 | 15.300 |
| 3165.00 | -0.070 | -0.142 | -0.370 | -0.089 | 0.164 | 15.300 |
| 3180.00 | -0.070 | -0.133 | -0.370 | -0.089 | 0.164 | 15.300 |
| 3195.00 | -0.070 | -0.133 | -0.370 | -0.082 | 0.164 | 15.300 |
| 3210.00 | -0.063 | -0.133 | -0.370 | -0.082 | 0.170 | 15.300 |
| 3225.00 | -0.063 | -0.123 | -0.370 | -0.076 | 0.170 | 15.300 |
| 3240.00 | -0.063 | -0.123 | -0.360 | -0.076 | 0.177 | 15.300 |
| 3255.00 | -0.057 | -0.123 | -0.360 | -0.069 | 0.177 | 15.300 |
| 3270.00 | -0.050 | -0.123 | -0.360 | -0.069 | 0.183 | 15.300 |
| 3285.00 | -0.050 | -0.123 | -0.360 | -0.063 | 0.183 | 15.300 |
| 3300.00 | -0.050 | -0.123 | -0.360 | -0.063 | 0.189 | 15.300 |
| 3315.00 | -0.057 | -0.123 | -0.360 | -0.063 | 0.189 | 15.300 |
| 3330.00 | -0.050 | -0.123 | -0.370 | -0.063 | 0.189 | 15.300 |
| 3345.00 | -0.050 | -0.123 | -0.370 | -0.063 | 0.196 | 15.300 |
| 3360.00 | -0.057 | -0.123 | -0.370 | -0.063 | 0.196 | 15.300 |
| 3375.00 | -0.031 | -0.133 | -0.370 | -0.057 | 0.196 | 15.300 |
| 3390.00 | -0.050 | -0.133 | -0.379 | -0.063 | 0.196 | 15.300 |
| 3405.00 | -0.070 | -0.142 | -0.379 | -0.069 | 0.196 | 15.300 |
| 3420.00 | -0.076 | -0.152 | -0.389 | -0.069 | 0.196 | 15.300 |
| 3435.00 | -0.070 | -0.152 | -0.398 | -0.069 | 0.196 | 15.300 |
| 3450.00 | -0.063 | -0.161 | -0.398 | -0.076 | 0.196 | 15.300 |
| 3465.00 | -0.076 | -0.161 | -0.408 | -0.082 | 0.189 | 15.300 |
| 3480.00 | -0.089 | -0.171 | -0.408 | -0.089 | 0.189 | 15.300 |
| 3495.00 | -0.095 | -0.180 | -0.417 | -0.089 | 0.183 | 15.300 |
| 3510.00 | -0.101 | -0.180 | -0.427 | -0.095 | 0.183 | 15.300 |
| 3525.00 | -0.101 | -0.190 | -0.427 | -0.101 | 0.177 | 15.300 |
| 3540.00 | -0.108 | -0.190 | -0.436 | -0.108 | 0.177 | 15.300 |
| 3555.00 | -0.121 | -0.199 | -0.446 | -0.114 | 0.177 | 15.300 |
| 3570.00 | -0.127 | -0.209 | -0.446 | -0.114 | 0.170 | 15.300 |
| 3585.00 | -0.152 | -0.218 | -0.455 | -0.127 | 0.164 | 15.300 |
| 3600.00 | -0.140 | -0.218 | -0.465 | -0.127 | 0.164 | 15.300 |
| 3615.00 | -0.146 | -0.228 | -0.465 | -0.133 | 0.158 | 15.300 |
| 3630.00 | -0.152 | -0.228 | -0.465 | -0.139 | 0.158 | 15.300 |
| 3645.00 | -0.165 | -0.237 | -0.474 | -0.152 | 0.151 | 15.300 |



CHM 003 0840

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3660.00 | -0.159 | -0.237 | -0.474 | -0.152 | 0.151 | 15.300 |
| 3675.00 | -0.172 | -0.247 | -0.484 | -0.158 | 0.145 | 15.300 |
| 3690.00 | -0.165 | -0.247 | -0.484 | -0.158 | 0.139 | 15.300 |
| 3705.00 | -0.172 | -0.247 | -0.484 | -0.171 | 0.139 | 15.300 |
| 3720.00 | -0.178 | -0.257 | -0.493 | -0.178 | 0.132 | 15.300 |
| 3735.00 | -0.172 | -0.257 | -0.493 | -0.178 | 0.132 | 15.300 |
| 3750.00 | -0.172 | -0.257 | -0.493 | -0.184 | 0.126 | 15.300 |
| 3765.00 | -0.191 | -0.266 | -0.503 | -0.184 | 0.126 | 15.300 |
| 3780.00 | -0.191 | -0.266 | -0.503 | -0.190 | 0.120 | 15.300 |
| 3795.00 | -0.184 | -0.266 | -0.503 | -0.197 | 0.120 | 15.300 |
| 3810.00 | -0.197 | -0.266 | -0.503 | -0.203 | 0.113 | 15.300 |
| 3825.00 | -0.184 | -0.266 | -0.503 | -0.197 | 0.107 | 15.300 |
| 3840.00 | -0.184 | -0.266 | -0.503 | -0.203 | 0.107 | 15.300 |
| 3855.00 | -0.178 | -0.266 | -0.493 | -0.197 | 0.107 | 15.300 |
| 3870.00 | -0.178 | -0.266 | -0.503 | -0.203 | 0.107 | 15.300 |
| 3885.00 | -0.178 | -0.266 | -0.503 | -0.203 | 0.107 | 15.300 |
| 3900.00 | -0.184 | -0.266 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3915.00 | -0.178 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3930.00 | -0.178 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3945.00 | -0.178 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3960.00 | -0.172 | -0.257 | -0.484 | -0.203 | 0.101 | 15.300 |
| 3975.00 | -0.172 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 3990.00 | -0.165 | -0.257 | -0.493 | -0.197 | 0.101 | 15.300 |
| 4005.00 | -0.172 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 4020.00 | -0.159 | -0.257 | -0.493 | -0.197 | 0.101 | 15.300 |
| 4035.00 | -0.184 | -0.257 | -0.493 | -0.203 | 0.101 | 15.300 |
| 4050.00 | -0.172 | -0.257 | -0.503 | -0.197 | 0.101 | 15.300 |
| 4065.00 | -0.127 | -0.266 | -0.503 | -0.190 | 0.101 | 15.300 |
| 4080.00 | -0.159 | -0.266 | -0.512 | -0.203 | 0.094 | 15.300 |
| 4095.00 | -0.223 | -0.266 | -0.503 | -0.216 | 0.094 | 15.300 |
| 4110.00 | -0.184 | -0.276 | -0.512 | -0.203 | 0.088 | 15.300 |
| 4125.00 | -0.178 | -0.276 | -0.522 | -0.203 | 0.088 | 15.300 |
| 4140.00 | -0.203 | -0.285 | -0.522 | -0.203 | 0.088 | 15.300 |
| 4155.00 | -0.223 | -0.285 | -0.522 | -0.216 | 0.082 | 15.300 |
| 4170.00 | -0.216 | -0.295 | -0.531 | -0.209 | 0.075 | 15.300 |
| 4185.00 | -0.223 | -0.295 | -0.531 | -0.216 | 0.075 | 15.300 |
| 4200.00 | -0.223 | -0.295 | -0.541 | -0.222 | 0.075 | 15.300 |
| 4215.00 | -0.242 | -0.304 | -0.541 | -0.228 | 0.069 | 15.300 |
| 4230.00 | -0.235 | -0.314 | -0.550 | -0.228 | 0.063 | 15.300 |
| 4245.00 | -0.242 | -0.314 | -0.550 | -0.235 | 0.063 | 15.300 |
| 4260.00 | -0.248 | -0.323 | -0.560 | -0.247 | 0.056 | 15.300 |
| 4275.00 | -0.248 | -0.323 | -0.560 | -0.241 | 0.056 | 15.300 |
| 4290.00 | -0.254 | -0.333 | -0.560 | -0.247 | 0.050 | 15.300 |
| 4305.00 | -0.254 | -0.333 | -0.569 | -0.247 | 0.050 | 15.300 |
| 4320.00 | -0.261 | -0.333 | -0.560 | -0.254 | 0.050 | 15.300 |
| 4335.00 | -0.254 | -0.333 | -0.560 | -0.254 | 0.044 | 15.300 |
| 4350.00 | -0.261 | -0.333 | -0.569 | -0.254 | 0.044 | 15.300 |
| 4365.00 | -0.261 | -0.333 | -0.569 | -0.260 | 0.044 | 15.300 |
| 4380.00 | -0.267 | -0.333 | -0.569 | -0.260 | 0.037 | 15.300 |
| 4395.00 | -0.267 | -0.333 | -0.569 | -0.267 | 0.037 | 15.300 |
| 4410.00 | -0.261 | -0.333 | -0.569 | -0.267 | 0.037 | 15.300 |
| 4425.00 | -0.261 | -0.333 | -0.569 | -0.260 | 0.037 | 15.300 |
| 4440.00 | -0.261 | -0.342 | -0.569 | -0.260 | 0.031 | 15.300 |
| 4455.00 | -0.261 | -0.333 | -0.569 | -0.267 | 0.037 | 15.300 |



CHM 003 0841

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 4470.00 | -0.254 | -0.333 | -0.560 | -0.267 | 0.037 | 15.300 |
| 4485.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.031 | 15.300 |
| 4500.00 | -0.254 | -0.323 | -0.560 | -0.267 | 0.031 | 15.300 |
| 4515.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.031 | 15.300 |
| 4530.00 | -0.248 | -0.323 | -0.560 | -0.260 | 0.031 | 15.300 |
| 4545.00 | -0.248 | -0.323 | -0.560 | -0.267 | 0.031 | 15.300 |
| 4560.00 | -0.248 | -0.333 | -0.560 | -0.267 | 0.025 | 15.300 |
| 4575.00 | -0.254 | -0.323 | -0.560 | -0.267 | 0.025 | 15.300 |
| 4590.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.025 | 15.300 |
| 4605.00 | -0.248 | -0.323 | -0.560 | -0.267 | 0.025 | 15.300 |
| 4620.00 | -0.248 | -0.323 | -0.560 | -0.260 | 0.018 | 15.300 |
| 4635.00 | -0.254 | -0.323 | -0.560 | -0.260 | 0.018 | 15.300 |
| 4650.00 | -0.254 | -0.333 | -0.560 | -0.267 | 0.018 | 15.300 |
| 4665.00 | -0.248 | -0.333 | -0.560 | -0.267 | 0.018 | 15.300 |
| 4680.00 | -0.248 | -0.333 | -0.560 | -0.260 | 0.012 | 15.300 |
| 4695.00 | -0.254 | -0.333 | -0.569 | -0.267 | 0.012 | 15.300 |
| 4710.00 | -0.254 | -0.333 | -0.560 | -0.267 | 0.006 | 15.300 |
| 4725.00 | -0.254 | -0.333 | -0.569 | -0.267 | 0.012 | 15.300 |
| 4740.00 | -0.254 | -0.333 | -0.569 | -0.267 | 0.006 | 15.300 |
| 4755.00 | -0.254 | -0.342 | -0.569 | -0.267 | 0.006 | 15.300 |
| 4770.00 | -0.261 | -0.342 | -0.569 | -0.267 | 0.000 | 15.300 |
| 4785.00 | -0.267 | -0.342 | -0.579 | -0.273 | 0.000 | 15.300 |
| 4800.00 | -0.261 | -0.352 | -0.588 | -0.273 | 0.000 | 15.300 |
| 4815.00 | -0.274 | -0.352 | -0.588 | -0.279 | -0.006 | 15.300 |
| 4830.00 | -0.274 | -0.361 | -0.598 | -0.279 | -0.012 | 15.300 |
| 4845.00 | -0.280 | -0.371 | -0.607 | -0.286 | -0.012 | 15.300 |
| 4860.00 | -0.299 | -0.380 | -0.617 | -0.292 | -0.018 | 15.300 |
| 4875.00 | -0.305 | -0.390 | -0.626 | -0.298 | -0.025 | 15.300 |
| 4890.00 | -0.312 | -0.399 | -0.636 | -0.305 | -0.031 | 15.300 |
| 4905.00 | -0.318 | -0.409 | -0.645 | -0.311 | -0.037 | 15.300 |
| 4920.00 | -0.324 | -0.418 | -0.655 | -0.317 | -0.044 | 15.300 |
| 4935.00 | -0.344 | -0.428 | -0.664 | -0.324 | -0.050 | 15.300 |
| 4950.00 | -0.344 | -0.437 | -0.674 | -0.336 | -0.056 | 15.300 |
| 4965.00 | -0.363 | -0.447 | -0.683 | -0.343 | -0.063 | 15.300 |
| 4980.00 | -0.369 | -0.456 | -0.693 | -0.356 | -0.069 | 15.300 |
| 4995.00 | -0.382 | -0.466 | -0.702 | -0.356 | -0.075 | 15.300 |
| 5010.00 | -0.395 | -0.475 | -0.712 | -0.368 | -0.088 | 15.300 |
| 5025.00 | -0.401 | -0.485 | -0.721 | -0.381 | -0.094 | 15.300 |
| 5040.00 | -0.407 | -0.504 | -0.731 | -0.387 | -0.101 | 15.300 |
| 5055.00 | -0.426 | -0.514 | -0.740 | -0.400 | -0.113 | 15.300 |
| 5070.00 | -0.433 | -0.523 | -0.750 | -0.406 | -0.120 | 15.300 |
| 5085.00 | -0.439 | -0.533 | -0.759 | -0.419 | -0.132 | 15.300 |
| 5100.00 | -0.446 | -0.542 | -0.778 | -0.432 | -0.139 | 15.300 |
| 5115.00 | -0.458 | -0.552 | -0.788 | -0.438 | -0.145 | 15.300 |
| 5130.00 | -0.471 | -0.561 | -0.797 | -0.451 | -0.158 | 15.300 |
| 5145.00 | -0.484 | -0.571 | -0.807 | -0.457 | -0.164 | 15.300 |
| 5160.00 | -0.490 | -0.580 | -0.816 | -0.476 | -0.177 | 15.300 |
| 5175.00 | -0.497 | -0.590 | -0.826 | -0.483 | -0.183 | 15.300 |
| 5190.00 | -0.503 | -0.609 | -0.845 | -0.502 | -0.189 | 15.300 |
| 5205.00 | -0.516 | -0.618 | -0.854 | -0.515 | -0.202 | 15.300 |
| 5220.00 | -0.528 | -0.637 | -0.864 | -0.527 | -0.208 | 15.300 |
| 5235.00 | -0.541 | -0.656 | -0.883 | -0.540 | -0.221 | 15.300 |
| 5250.00 | -0.554 | -0.666 | -0.892 | -0.559 | -0.227 | 15.300 |
| 5265.00 | -0.560 | -0.685 | -0.911 | -0.572 | -0.234 | 15.300 |



CHM 003 0842

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 5280.00 | -0.573 | -0.694 | -0.921 | -0.591 | -0.240 | 15.300 |
| 5295.00 | -0.586 | -0.713 | -0.930 | -0.610 | -0.253 | 15.300 |
| 5310.00 | -0.599 | -0.723 | -0.940 | -0.629 | -0.259 | 15.300 |
| 5325.00 | -0.605 | -0.733 | -0.949 | -0.635 | -0.265 | 15.300 |
| 5340.00 | -0.611 | -0.733 | -0.959 | -0.648 | -0.265 | 15.300 |
| 5355.00 | -0.630 | -0.752 | -0.978 | -0.667 | -0.278 | 15.300 |
| 5370.00 | -0.643 | -0.771 | -1.016 | -0.673 | -0.284 | 15.300 |
| 5385.00 | -0.669 | -0.799 | -1.035 | -0.693 | -0.291 | 15.300 |
| 5400.00 | -0.688 | -0.818 | -1.054 | -0.712 | -0.303 | 15.300 |
| 5415.00 | -0.707 | -0.837 | -1.063 | -0.724 | -0.310 | 15.300 |
| 5430.00 | -0.713 | -0.818 | -1.073 | -0.737 | -0.322 | 15.300 |
| 5445.00 | -0.739 | -0.780 | -1.082 | -0.756 | -0.335 | 15.300 |
| 5460.00 | -0.739 | -0.790 | -1.082 | -0.763 | -0.348 | 15.300 |
| 5475.00 | -0.739 | -0.723 | -1.092 | -0.769 | -0.360 | 15.300 |
| 5490.00 | -0.764 | -0.875 | -1.092 | -0.788 | -0.373 | 15.300 |
| 5505.00 | -0.771 | -0.875 | -1.101 | -0.794 | -0.386 | 15.300 |
| 5520.00 | -0.777 | -0.885 | -1.101 | -0.801 | -0.392 | 15.300 |
| 5535.00 | -0.783 | -0.885 | -1.101 | -0.807 | -0.405 | 15.300 |
| 5550.00 | -0.771 | -0.894 | -1.111 | -0.813 | -0.417 | 15.300 |
| 5565.00 | -0.777 | -0.904 | -1.120 | -0.820 | -0.430 | 15.300 |
| 5580.00 | -0.802 | -0.913 | -1.129 | -0.832 | -0.443 | 15.300 |
| 5595.00 | -0.802 | -0.913 | -1.129 | -0.839 | -0.455 | 15.300 |
| 5610.00 | -0.822 | -0.923 | -1.139 | -0.852 | -0.468 | 15.300 |
| 5625.00 | -0.834 | -0.932 | -1.148 | -0.858 | -0.481 | 15.300 |
| 5640.00 | -0.834 | -0.932 | -1.158 | -0.864 | -0.493 | 15.300 |
| 5655.00 | -0.847 | -0.942 | -1.158 | -0.871 | -0.506 | 15.300 |
| 5670.00 | -0.853 | -0.951 | -1.167 | -0.883 | -0.519 | 15.300 |
| 5685.00 | -0.853 | -0.961 | -1.177 | -0.877 | -0.531 | 15.300 |
| 5700.00 | -0.873 | -0.961 | -1.177 | -0.896 | -0.544 | 15.300 |
| 5715.00 | -0.885 | -0.971 | -1.177 | -0.902 | -0.550 | 15.300 |
| 5730.00 | -0.879 | -0.971 | -1.186 | -0.902 | -0.563 | 15.300 |
| 5745.00 | -0.873 | -0.971 | -1.186 | -0.909 | -0.569 | 15.300 |
| 5760.00 | -0.879 | -0.971 | -1.186 | -0.915 | -0.576 | 15.300 |
| 5775.00 | -0.873 | -0.971 | -1.186 | -0.915 | -0.588 | 15.300 |
| 5790.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.595 | 15.300 |
| 5805.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.601 | 15.300 |
| 5820.00 | -0.892 | -0.971 | -1.186 | -0.922 | -0.607 | 15.300 |
| 5835.00 | -0.892 | -0.971 | -1.186 | -0.922 | -0.614 | 15.300 |
| 5850.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.614 | 15.300 |
| 5865.00 | -0.885 | -0.971 | -1.186 | -0.922 | -0.620 | 15.300 |
| 5880.00 | -0.885 | -0.971 | -1.177 | -0.922 | -0.626 | 15.300 |
| 5895.00 | -0.892 | -0.961 | -1.177 | -0.922 | -0.626 | 15.300 |
| 5910.00 | -0.892 | -0.951 | -1.167 | -0.922 | -0.626 | 15.300 |
| 5925.00 | -0.885 | -0.951 | -1.158 | -0.915 | -0.626 | 15.300 |
| 5940.00 | -0.879 | -0.942 | -1.158 | -0.915 | -0.626 | 15.300 |
| 5955.00 | -0.860 | -0.932 | -1.148 | -0.902 | -0.626 | 15.300 |
| 5970.00 | -0.860 | -0.932 | -1.139 | -0.902 | -0.626 | 15.300 |
| 5985.00 | -0.853 | -0.923 | -1.129 | -0.896 | -0.626 | 15.300 |
| 6000.00 | -0.847 | -0.913 | -1.129 | -0.890 | -0.620 | 15.300 |
| 6015.00 | -0.841 | -0.913 | -1.120 | -0.890 | -0.620 | 15.300 |
| 6030.00 | -0.828 | -0.904 | -1.111 | -0.877 | -0.620 | 15.300 |
| 6045.00 | -0.828 | -0.894 | -1.111 | -0.871 | -0.614 | 15.300 |
| 6060.00 | -0.822 | -0.885 | -1.101 | -0.864 | -0.614 | 15.300 |
| 6075.00 | -0.822 | -0.875 | -1.092 | -0.864 | -0.614 | 15.300 |



CHM 003 0843

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 6090.00 | -0.815 | -0.875 | -1.092 | -0.852 | -0.607 | 15.300 |
| 6105.00 | -0.802 | -0.866 | -1.082 | -0.839 | -0.601 | 15.300 |
| 6120.00 | -0.802 | -0.856 | -1.082 | -0.839 | -0.607 | 15.300 |
| 6135.00 | -0.790 | -0.856 | -1.073 | -0.832 | -0.601 | 15.300 |
| 6150.00 | -0.783 | -0.847 | -1.073 | -0.826 | -0.595 | 15.300 |
| 6165.00 | -0.796 | -0.847 | -1.073 | -0.826 | -0.595 | 15.300 |
| 6180.00 | -0.783 | -0.837 | -1.073 | -0.813 | -0.588 | 15.300 |
| 6195.00 | -0.777 | -0.837 | -1.063 | -0.813 | -0.588 | 15.300 |
| 6210.00 | -0.783 | -0.837 | -1.063 | -0.807 | -0.582 | 15.300 |
| 6225.00 | -0.777 | -0.828 | -1.063 | -0.801 | -0.582 | 15.300 |
| 6240.00 | -0.771 | -0.828 | -1.054 | -0.794 | -0.576 | 15.300 |
| 6255.00 | -0.777 | -0.828 | -1.054 | -0.788 | -0.576 | 15.300 |
| 6270.00 | -0.764 | -0.828 | -1.054 | -0.788 | -0.569 | 15.300 |
| 6285.00 | -0.771 | -0.828 | -1.054 | -0.782 | -0.569 | 15.300 |
| 6300.00 | -0.771 | -0.828 | -1.063 | -0.782 | -0.569 | 15.300 |
| 6315.00 | -0.777 | -0.828 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6330.00 | -0.771 | -0.828 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6345.00 | -0.777 | -0.837 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6360.00 | -0.783 | -0.837 | -1.063 | -0.782 | -0.563 | 15.300 |
| 6375.00 | -0.777 | -0.837 | -1.063 | -0.782 | -0.557 | 15.300 |
| 6390.00 | -0.777 | -0.837 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6405.00 | -0.777 | -0.837 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6420.00 | -0.783 | -0.837 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6435.00 | -0.790 | -0.847 | -1.073 | -0.782 | -0.557 | 15.300 |
| 6450.00 | -0.790 | -0.847 | -1.082 | -0.782 | -0.557 | 15.300 |
| 6465.00 | -0.796 | -0.856 | -1.082 | -0.782 | -0.557 | 15.300 |
| 6480.00 | -0.790 | -0.856 | -1.092 | -0.788 | -0.557 | 15.300 |
| 6495.00 | -0.802 | -0.856 | -1.092 | -0.788 | -0.557 | 15.300 |
| 6510.00 | -0.809 | -0.866 | -1.101 | -0.788 | -0.557 | 15.300 |
| 6525.00 | -0.822 | -0.866 | -1.101 | -0.794 | -0.557 | 15.300 |
| 6540.00 | -0.822 | -0.875 | -1.101 | -0.801 | -0.557 | 15.300 |
| 6555.00 | -0.809 | -0.875 | -1.111 | -0.801 | -0.563 | 15.300 |
| 6570.00 | -0.815 | -0.875 | -1.111 | -0.807 | -0.563 | 15.300 |
| 6585.00 | -0.822 | -0.885 | -1.111 | -0.807 | -0.563 | 15.300 |
| 6600.00 | -0.822 | -0.885 | -1.111 | -0.813 | -0.569 | 15.300 |
| 6615.00 | -0.828 | -0.885 | -1.120 | -0.820 | -0.569 | 15.300 |
| 6630.00 | -0.828 | -0.885 | -1.120 | -0.820 | -0.569 | 15.300 |
| 6645.00 | -0.828 | -0.885 | -1.111 | -0.820 | -0.569 | 15.300 |
| 6660.00 | -0.822 | -0.885 | -1.111 | -0.820 | -0.569 | 15.300 |
| 6675.00 | -0.828 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |
| 6690.00 | -0.828 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |
| 6705.00 | -0.815 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |
| 6720.00 | -0.809 | -0.885 | -1.111 | -0.820 | -0.576 | 15.300 |



CHM 003 0844

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: TW-2

SE1000B
Environmental Logger
11/29 09:08

Unit# 03010 Test# 1

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 10.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 11/24 15:33

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.12 |
| 30.0000 | 10.12 |
| 60.0000 | 10.13 |
| 90.0000 | 10.13 |
| 120.000 | 10.13 |
| 150.000 | 10.14 |
| 180.000 | 10.15 |
| 210.000 | 10.15 |
| 240.000 | 10.16 |
| 270.000 | 10.17 |
| 300.000 | 10.18 |
| 330.000 | 10.19 |
| 360.000 | 10.20 |
| 390.000 | 10.22 |
| 420.000 | 10.21 |
| 450.000 | 10.24 |
| 480.000 | 10.23 |
| 510.000 | 10.24 |
| 540.000 | 10.25 |
| 570.000 | 10.23 |
| 600.000 | 10.24 |
| 630.000 | 10.24 |
| 660.000 | 10.22 |
| 690.000 | 10.22 |
| 720.000 | 10.23 |
| 750.000 | 10.22 |
| 780.000 | 10.23 |
| 810.000 | 10.24 |
| 840.000 | 10.24 |
| 870.000 | 10.24 |
| 900.000 | 10.27 |
| 930.000 | 10.27 |
| 960.000 | 10.29 |
| 990.000 | 10.30 |
| 1020.00 | 10.30 |



CHM 003 0845

| Elapsed Time | Value |
|---|---|
| 1050.00 | 10.32 |
| 1080.00 | 10.33 |
| 1110.00 | 10.34 |
| 1140.00 | 10.35 |
| 1170.00 | 10.35 |
| 1200.00 | 10.36 |
| 1230.00 | 10.34 |
| 1260.00 | 10.34 |
| 1290.00 | 10.35 |
| 1320.00 | 10.34 |
| 1350.00 | 10.34 |
| 1380.00 | 10.33 |
| 1410.00 | 10.33 |
| 1440.00 | 10.33 |
| 1470.00 | 10.32 |
| 1500.00 | 10.32 |
| 1530.00 | 10.32 |
| 1560.00 | 10.32 |
| 1590.00 | 10.32 |
| 1620.00 | 10.33 |
| 1650.00 | 10.33 |
| 1680.00 | 10.34 |
| 1710.00 | 10.33 |
| 1740.00 | 10.33 |
| 1770.00 | 10.36 |
| 1800.00 | 10.37 |
| 1830.00 | 10.35 |
| 1860.00 | 10.34 |
| 1890.00 | 10.32 |
| 1920.00 | 10.31 |
| 1950.00 | 10.30 |
| 1980.00 | 10.29 |
| 2010.00 | 10.28 |
| 2040.00 | 10.27 |
| 2070.00 | 10.25 |
| 2100.00 | 10.25 |
| 2130.00 | 10.24 |
| 2160.00 | 10.23 |
| 2190.00 | 10.22 |
| 2220.00 | 10.21 |
| 2250.00 | 10.21 |
| 2280.00 | 10.20 |
| 2310.00 | 10.20 |
| 2340.00 | 10.21 |
| 2370.00 | 10.20 |
| 2400.00 | 10.22 |
| 2430.00 | 10.23 |
| 2460.00 | 10.24 |
| 2490.00 | 10.24 |
| 2520.00 | 10.26 |
| 2550.00 | 10.27 |
| 2580.00 | 10.27 |
| 2610.00 | 10.26 |
| 2640.00 | 10.24 |

| Elapsed Time | Value |
|---|---|
| 2670.00 | 10.24 |
| 2700.00 | 10.23 |
| 2730.00 | 10.22 |
| 2760.00 | 10.20 |
| 2790.00 | 10.20 |
| 2820.00 | 10.19 |
| 2850.00 | 10.18 |
| 2880.00 | 10.18 |
| 2910.00 | 10.18 |
| 2940.00 | 10.17 |
| 2970.00 | 10.17 |
| 3000.00 | 10.17 |
| 3030.00 | 10.18 |
| 3060.00 | 10.18 |
| 3090.00 | 10.19 |
| 3120.00 | 10.20 |
| 3150.00 | 10.21 |
| 3180.00 | 10.22 |
| 3210.00 | 10.22 |
| 3240.00 | 10.22 |
| 3270.00 | 10.24 |
| 3300.00 | 10.22 |
| 3330.00 | 10.22 |
| 3360.00 | 10.23 |
| 3390.00 | 10.21 |
| 3420.00 | 10.20 |
| 3450.00 | 10.20 |
| 3480.00 | 10.18 |
| 3510.00 | 10.17 |
| 3540.00 | 10.17 |
| 3570.00 | 10.15 |
| 3600.00 | 10.14 |
| 3630.00 | 10.14 |
| 3660.00 | 10.13 |
| 3690.00 | 10.12 |
| 3720.00 | 10.12 |
| 3750.00 | 10.11 |
| 3780.00 | 10.10 |
| 3810.00 | 10.10 |
| 3840.00 | 10.11 |
| 3870.00 | 10.11 |
| 3900.00 | 10.11 |
| 3930.00 | 10.12 |
| 3960.00 | 10.13 |
| 3990.00 | 10.12 |
| 4020.00 | 10.12 |
| 4050.00 | 10.12 |
| 4080.00 | 10.11 |
| 4110.00 | 10.10 |
| 4140.00 | 10.09 |
| 4170.00 | 10.08 |
| 4200.00 | 10.07 |
| 4230.00 | 10.06 |
| 4260.00 | 10.05 |



CHM 003 0847

| Elapsed Time | Value |
|---|---|
| 4290.00 | 10.05 |
| 4320.00 | 10.06 |
| 4350.00 | 10.05 |
| 4380.00 | 10.06 |
| 4410.00 | 10.06 |
| 4440.00 | 10.05 |
| 4470.00 | 10.06 |
| 4500.00 | 10.06 |
| 4530.00 | 10.06 |
| 4560.00 | 10.05 |
| 4590.00 | 10.05 |
| 4620.00 | 10.05 |
| 4650.00 | 10.05 |
| 4680.00 | 10.05 |
| 4710.00 | 10.03 |
| 4740.00 | 10.03 |
| 4770.00 | 10.02 |
| 4800.00 | 10.00 |
| 4830.00 | 10.00 |
| 4860.00 | 9.97 |
| 4890.00 | 9.94 |
| 4920.00 | 9.93 |
| 4950.00 | 9.91 |
| 4980.00 | 9.89 |
| 5010.00 | 9.87 |
| 5040.00 | 9.85 |
| 5070.00 | 9.83 |
| 5100.00 | 9.81 |
| 5130.00 | 9.79 |
| 5160.00 | 9.78 |
| 5190.00 | 9.76 |
| 5220.00 | 9.74 |
| 5250.00 | 9.71 |
| 5280.00 | 9.68 |
| 5310.00 | 9.65 |
| 5340.00 | 9.64 |
| 5370.00 | 9.55 |
| 5400.00 | 9.34 |
| 5430.00 | 9.26 |
| 5460.00 | 9.31 |
| 5490.00 | 9.31 |
| 5520.00 | 9.30 |
| 5550.00 | 9.28 |
| 5580.00 | 9.26 |
| 5610.00 | 9.24 |
| 5640.00 | 9.22 |
| 5670.00 | 9.20 |
| 5700.00 | 9.20 |
| 5730.00 | 9.20 |
| 5760.00 | 9.21 |
| 5790.00 | 9.20 |
| 5820.00 | 9.20 |
| 5850.00 | 9.21 |
| 5880.00 | 9.21 |

| Elapsed Time | Value |
|---|---|
| 5910.00 | 9.23 |
| 5940.00 | 9.24 |
| 5970.00 | 9.25 |
| 6000.00 | 9.27 |
| 6030.00 | 9.29 |
| 6060.00 | 9.29 |
| 6090.00 | 9.31 |
| 6120.00 | 9.32 |
| 6150.00 | 9.32 |
| 6180.00 | 9.34 |
| 6210.00 | 9.35 |
| 6240.00 | 9.34 |
| 6270.00 | 9.35 |
| 6300.00 | 9.36 |
| 6330.00 | 9.36 |
| 6360.00 | 9.36 |
| 6390.00 | 9.36 |
| 6420.00 | 9.36 |
| 6450.00 | 9.36 |
| 6480.00 | 9.35 |
| 6510.00 | 9.34 |
| 6540.00 | 9.34 |
| 6570.00 | 9.34 |
| 6600.00 | 9.33 |
| 6630.00 | 9.34 |
| 6660.00 | 9.34 |
| 6690.00 | 9.35 |
| 6720.00 | 9.39 |
| 6750.00 | 9.42 |



CHM 003 0849

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: C-9

SE1000B
Environmental Logger
11/30 08:48

Unit# 03010 Test# 0

INPUT 2: Level (F) TOC

Reference 10.00
Scale factor 29.98
Offset - 0.01

Step# 0 11/29 09:32

| Elapsed Time | Value |
|---|---|
| 0.0000 | -6.17 |
| 2.0000 | -6.16 |
| 4.0000 | -6.16 |
| 6.0000 | -6.16 |
| 8.0000 | -6.16 |
| 10.0000 | -6.16 |
| 12.0000 | -6.16 |
| 14.0000 | -6.16 |
| 16.0000 | -6.16 |
| 18.0000 | -6.16 |
| 20.0000 | -6.16 |
| 22.0000 | -6.16 |
| 24.0000 | -6.17 |
| 26.0000 | -6.18 |
| 28.0000 | -6.19 |
| 30.0000 | -6.19 |
| 32.0000 | -6.19 |
| 34.0000 | -6.19 |
| 36.0000 | -6.19 |
| 38.0000 | -6.20 |
| 40.0000 | -6.20 |
| 42.0000 | -6.20 |
| 44.0000 | -6.20 |
| 46.0000 | -6.20 |
| 48.0000 | -6.21 |
| 50.0000 | -6.21 |
| 52.0000 | -6.22 |
| 54.0000 | -6.23 |
| 56.0000 | -6.23 |
| 58.0000 | -6.24 |
| 60.0000 | -6.24 |
| 62.0000 | -6.24 |
| 64.0000 | -6.24 |
| 66.0000 | -6.24 |
| 68.0000 | -6.25 |



CHM 003 0850

| Elapsed Time | Value |
|---|---|
| 70.0000 | -6.24 |
| 72.0000 | -6.25 |
| 74.0000 | -6.25 |
| 76.0000 | -6.26 |
| 78.0000 | -6.26 |
| 80.0000 | -6.26 |
| 82.0000 | -6.25 |
| 84.0000 | -6.25 |
| 86.0000 | -6.25 |
| 88.0000 | -6.26 |
| 90.0000 | -6.26 |
| 92.0000 | -6.25 |
| 94.0000 | -6.26 |
| 96.0000 | -6.25 |
| 98.0000 | -6.25 |
| 100.000 | -6.25 |
| 102.000 | -6.25 |
| 104.000 | -6.24 |
| 106.000 | -6.24 |
| 108.000 | -6.23 |
| 110.000 | -6.23 |
| 112.000 | -6.23 |
| 114.000 | -6.23 |
| 116.000 | -6.22 |
| 118.000 | -6.22 |
| 120.000 | -6.22 |
| 122.000 | -6.22 |
| 124.000 | -6.22 |
| 126.000 | -6.21 |
| 128.000 | -6.22 |
| 130.000 | -6.22 |
| 132.000 | -6.22 |
| 134.000 | -6.22 |
| 136.000 | -6.22 |
| 138.000 | -6.21 |
| 140.000 | -6.21 |
| 142.000 | -6.21 |
| 144.000 | -6.21 |
| 146.000 | -6.21 |
| 148.000 | -6.21 |
| 150.000 | -6.21 |
| 152.000 | -6.21 |
| 154.000 | -6.21 |
| 156.000 | -6.21 |
| 158.000 | -6.21 |
| 160.000 | -6.21 |
| 162.000 | -6.21 |
| 164.000 | -6.21 |
| 166.000 | -6.21 |
| 168.000 | -6.21 |
| 170.000 | -6.21 |
| 172.000 | -6.21 |
| 174.000 | -6.21 |
| 176.000 | -6.21 |



CHM 003 0851

| Elapsed Time | Value |
|---|---|
| 178.000 | -6.21 |
| 180.000 | -6.21 |
| 182.000 | -6.21 |
| 184.000 | -6.21 |
| 186.000 | -6.21 |
| 188.000 | -6.21 |
| 190.000 | -6.21 |
| 192.000 | -6.21 |
| 194.000 | -6.21 |
| 196.000 | -6.22 |
| 198.000 | -6.22 |
| 200.000 | -6.22 |
| 202.000 | -6.22 |
| 204.000 | -6.22 |
| 206.000 | -6.22 |
| 208.000 | -6.22 |
| 210.000 | -6.22 |
| 212.000 | -6.22 |
| 214.000 | -6.22 |
| 216.000 | -6.22 |
| 218.000 | -6.22 |
| 220.000 | -6.22 |
| 222.000 | -6.22 |
| 224.000 | -6.22 |
| 226.000 | -6.22 |
| 228.000 | -6.22 |
| 230.000 | -6.22 |
| 232.000 | -6.23 |
| 234.000 | -6.22 |
| 236.000 | -6.22 |
| 238.000 | -6.22 |
| 240.000 | -6.22 |
| 242.000 | -6.22 |
| 244.000 | -6.22 |
| 246.000 | -6.21 |
| 248.000 | -6.20 |
| 250.000 | -6.19 |
| 252.000 | -6.19 |
| 254.000 | -6.19 |
| 256.000 | -6.19 |
| 258.000 | -6.19 |
| 260.000 | -6.19 |
| 262.000 | -6.19 |
| 264.000 | -6.20 |
| 266.000 | -6.20 |
| 268.000 | -6.20 |
| 270.000 | -6.20 |
| 272.000 | -6.20 |
| 274.000 | -6.20 |
| 276.000 | -6.20 |
| 278.000 | -6.20 |
| 280.000 | -6.21 |
| 282.000 | -6.20 |
| 284.000 | -6.21 |



CHM 003 0852

| Elapsed Time | Value |
|---|---|
| 286.000 | -6.21 |
| 288.000 | -6.21 |
| 290.000 | -6.21 |
| 292.000 | -6.21 |
| 294.000 | -6.21 |
| 296.000 | -6.21 |
| 298.000 | -6.21 |
| 300.000 | -6.21 |
| 302.000 | -6.21 |
| 304.000 | -6.21 |
| 306.000 | -6.21 |
| 308.000 | -6.21 |
| 310.000 | -6.21 |
| 312.000 | -6.22 |
| 314.000 | -6.22 |
| 316.000 | -6.22 |
| 318.000 | -6.22 |
| 320.000 | -6.21 |
| 322.000 | -6.21 |
| 324.000 | -6.21 |
| 326.000 | -6.21 |
| 328.000 | -6.21 |
| 330.000 | -6.22 |
| 332.000 | -6.22 |
| 334.000 | -6.22 |
| 336.000 | -6.22 |
| 338.000 | -6.22 |
| 340.000 | -6.22 |
| 342.000 | -6.22 |
| 344.000 | -6.22 |
| 346.000 | -6.22 |
| 348.000 | -6.22 |
| 350.000 | -6.23 |
| 352.000 | -6.23 |
| 354.000 | -6.23 |
| 356.000 | -6.20 |
| 358.000 | -6.19 |
| 360.000 | -6.18 |
| 362.000 | -6.18 |
| 364.000 | -6.18 |
| 366.000 | -6.17 |
| 368.000 | -6.17 |
| 370.000 | -6.17 |
| 372.000 | -6.17 |
| 374.000 | -6.17 |
| 376.000 | -6.17 |
| 378.000 | -6.17 |
| 380.000 | -6.17 |
| 382.000 | -6.17 |
| 384.000 | -6.17 |
| 386.000 | -6.17 |
| 388.000 | -6.17 |
| 390.000 | -6.16 |
| 392.000 | -6.16 |



CHM 003 0853

| Elapsed Time | Value |
|---|---|
| 394.000 | -6.16 |
| 396.000 | -6.16 |
| 398.000 | -6.16 |
| 400.000 | -6.16 |
| 402.000 | -6.16 |
| 404.000 | -6.16 |
| 406.000 | -6.16 |
| 408.000 | -6.16 |
| 410.000 | -6.16 |
| 412.000 | -6.16 |
| 414.000 | -6.16 |
| 416.000 | -6.16 |
| 418.000 | -6.16 |
| 420.000 | -6.16 |
| 422.000 | -6.16 |
| 424.000 | -6.16 |
| 426.000 | -6.16 |
| 428.000 | -6.16 |
| 430.000 | -6.16 |
| 432.000 | -6.16 |
| 434.000 | -6.16 |
| 436.000 | -6.16 |
| 438.000 | -6.16 |
| 440.000 | -6.16 |
| 442.000 | -6.16 |
| 444.000 | -6.16 |
| 446.000 | -6.16 |
| 448.000 | -6.16 |
| 450.000 | -6.16 |
| 452.000 | -6.16 |
| 454.000 | -6.17 |
| 456.000 | -6.16 |
| 458.000 | -6.16 |
| 460.000 | -6.16 |
| 462.000 | -6.16 |
| 464.000 | -6.16 |
| 466.000 | -6.16 |
| 468.000 | -6.16 |
| 470.000 | -6.16 |
| 472.000 | -6.16 |
| 474.000 | -6.16 |
| 476.000 | -6.16 |
| 478.000 | -6.16 |
| 480.000 | -6.16 |
| 482.000 | -6.16 |
| 484.000 | -6.16 |
| 486.000 | -6.16 |
| 488.000 | -6.16 |
| 490.000 | -6.16 |
| 492.000 | -6.16 |
| 494.000 | -6.16 |
| 496.000 | -6.16 |
| 498.000 | -6.16 |
| 500.000 | -6.16 |



CHM 003 0854

| Elapsed Time | Value |
|---|---|
| 502.000 | -6.16 |
| 504.000 | -6.16 |
| 506.000 | -6.16 |
| 508.000 | -6.16 |
| 510.000 | -6.16 |
| 512.000 | -6.16 |
| 514.000 | -6.15 |
| 516.000 | -6.16 |
| 518.000 | -6.16 |
| 520.000 | -6.15 |
| 522.000 | -6.16 |
| 524.000 | -6.15 |
| 526.000 | -6.15 |
| 528.000 | -6.15 |
| 530.000 | -6.15 |
| 532.000 | -6.15 |
| 534.000 | -6.16 |
| 536.000 | -6.15 |
| 538.000 | -6.15 |
| 540.000 | -6.15 |
| 542.000 | -6.15 |
| 544.000 | -6.15 |
| 546.000 | -6.15 |
| 548.000 | -6.15 |
| 550.000 | -6.15 |
| 552.000 | -6.15 |
| 554.000 | -6.15 |
| 556.000 | -6.15 |
| 558.000 | -6.15 |
| 560.000 | -6.15 |
| 562.000 | -6.15 |
| 564.000 | -6.15 |
| 566.000 | -6.15 |
| 568.000 | -6.15 |
| 570.000 | -6.15 |
| 572.000 | -6.15 |
| 574.000 | -6.15 |
| 576.000 | -6.15 |
| 578.000 | -6.15 |
| 580.000 | -6.15 |
| 582.000 | -6.15 |
| 584.000 | -6.15 |
| 586.000 | -6.15 |
| 588.000 | -6.14 |
| 590.000 | -6.14 |
| 592.000 | -6.14 |
| 594.000 | -6.14 |
| 596.000 | -6.14 |
| 598.000 | -6.14 |
| 600.000 | -6.15 |
| 602.000 | -6.14 |
| 604.000 | -6.14 |
| 606.000 | -6.14 |
| 608.000 | -6.14 |



CHM 003 0855

| Elapsed Time | Value |
|---|---|
| 610.000 | -6.14 |
| 612.000 | -6.14 |
| 614.000 | -6.14 |
| 616.000 | -6.14 |
| 618.000 | -6.14 |
| 620.000 | -6.14 |
| 622.000 | -6.14 |
| 624.000 | -6.14 |
| 626.000 | -6.14 |
| 628.000 | -6.14 |
| 630.000 | -6.14 |
| 632.000 | -6.14 |
| 634.000 | -6.14 |
| 636.000 | -6.14 |
| 638.000 | -6.14 |
| 640.000 | -6.14 |
| 642.000 | -6.14 |
| 644.000 | -6.13 |
| 646.000 | -6.14 |
| 648.000 | -6.14 |
| 650.000 | -6.13 |
| 652.000 | -6.13 |
| 654.000 | -6.13 |
| 656.000 | -6.13 |
| 658.000 | -6.12 |
| 660.000 | -6.12 |
| 662.000 | -6.12 |
| 664.000 | -6.12 |
| 666.000 | -6.12 |
| 668.000 | -6.12 |
| 670.000 | -6.12 |
| 672.000 | -6.12 |
| 674.000 | -6.12 |
| 676.000 | -6.12 |
| 678.000 | -6.11 |
| 680.000 | -6.12 |
| 682.000 | -6.12 |
| 684.000 | -6.12 |
| 686.000 | -6.12 |
| 688.000 | -6.12 |
| 690.000 | -6.12 |
| 692.000 | -6.12 |
| 694.000 | -6.12 |
| 696.000 | -6.12 |
| 698.000 | -6.12 |
| 700.000 | -6.12 |
| 702.000 | -6.12 |
| 704.000 | -6.12 |
| 706.000 | -6.12 |
| 708.000 | -6.12 |
| 710.000 | -6.12 |
| 712.000 | -6.12 |
| 714.000 | -6.12 |
| 716.000 | -6.12 |



CHM 003 0856

| Elapsed Time | Value |
|---|---|
| 718.000 | -6.12 |
| 720.000 | -6.12 |
| 722.000 | -6.12 |
| 724.000 | -6.12 |
| 726.000 | -6.12 |
| 728.000 | -6.12 |
| 730.000 | -6.12 |
| 732.000 | -6.11 |
| 734.000 | -6.11 |
| 736.000 | -6.12 |
| 738.000 | -6.12 |
| 740.000 | -6.11 |
| 742.000 | -6.12 |
| 744.000 | -6.11 |
| 746.000 | -6.11 |
| 748.000 | -6.11 |
| 750.000 | -6.12 |
| 752.000 | -6.12 |
| 754.000 | -6.11 |
| 756.000 | -6.11 |
| 758.000 | -6.11 |
| 760.000 | -6.11 |
| 762.000 | -6.11 |
| 764.000 | -6.11 |
| 766.000 | -6.11 |
| 768.000 | -6.11 |
| 770.000 | -6.11 |
| 772.000 | -6.11 |
| 774.000 | -6.11 |
| 776.000 | -6.11 |
| 778.000 | -6.11 |
| 780.000 | -6.11 |
| 782.000 | -6.11 |
| 784.000 | -6.11 |
| 786.000 | -6.11 |
| 788.000 | -6.11 |
| 790.000 | -6.11 |
| 792.000 | -6.11 |
| 794.000 | -6.11 |
| 796.000 | -6.11 |
| 798.000 | -6.11 |
| 800.000 | -6.11 |
| 802.000 | -6.11 |
| 804.000 | -6.11 |
| 806.000 | -6.11 |
| 808.000 | -6.11 |
| 810.000 | -6.11 |
| 812.000 | -6.11 |
| 814.000 | -6.11 |
| 816.000 | -6.11 |
| 818.000 | -6.11 |
| 820.000 | -6.11 |
| 822.000 | -6.11 |
| 824.000 | -6.11 |



CHM 003 0857

| Elapsed Time | Value |
|---|---|
| 826.000 | -6.11 |
| 828.000 | -6.11 |
| 830.000 | -6.11 |
| 832.000 | -6.11 |
| 834.000 | -6.11 |
| 836.000 | -6.11 |
| 838.000 | -6.11 |
| 840.000 | -6.11 |
| 842.000 | -6.11 |
| 844.000 | -6.11 |
| 846.000 | -6.11 |
| 848.000 | -6.11 |
| 850.000 | -6.11 |
| 852.000 | -6.11 |
| 854.000 | -6.11 |
| 856.000 | -6.11 |
| 858.000 | -6.11 |
| 860.000 | -6.11 |
| 862.000 | -6.11 |
| 864.000 | -6.11 |
| 866.000 | -6.11 |
| 868.000 | -6.11 |
| 870.000 | -6.11 |
| 872.000 | -6.11 |
| 874.000 | -6.11 |
| 876.000 | -6.11 |
| 878.000 | -6.11 |
| 880.000 | -6.11 |
| 882.000 | -6.11 |
| 884.000 | -6.11 |
| 886.000 | -6.11 |
| 888.000 | -6.11 |
| 890.000 | -6.11 |
| 892.000 | -6.11 |
| 894.000 | -6.11 |
| 896.000 | -6.11 |
| 898.000 | -6.11 |
| 900.000 | -6.11 |
| 902.000 | -6.11 |
| 904.000 | -6.11 |
| 906.000 | -6.11 |
| 908.000 | -6.11 |
| 910.000 | -6.11 |
| 912.000 | -6.11 |
| 914.000 | -6.11 |
| 916.000 | -6.11 |
| 918.000 | -6.12 |
| 920.000 | -6.12 |
| 922.000 | -6.12 |
| 924.000 | -6.12 |
| 926.000 | -6.12 |
| 928.000 | -6.12 |
| 930.000 | -6.12 |
| 932.000 | -6.12 |



CHM 003 0858

| Elapsed Time | Value |
|---|---|
| 934.000 | -6.12 |
| 936.000 | -6.12 |
| 938.000 | -6.12 |
| 940.000 | -6.12 |
| 942.000 | -6.12 |
| 944.000 | -6.12 |
| 946.000 | -6.12 |
| 948.000 | -6.12 |
| 950.000 | -6.12 |
| 952.000 | -6.12 |
| 954.000 | -6.12 |
| 956.000 | -6.12 |
| 958.000 | -6.12 |
| 960.000 | -6.12 |
| 962.000 | -6.12 |
| 964.000 | -6.12 |
| 966.000 | -6.12 |
| 968.000 | -6.12 |
| 970.000 | -6.12 |
| 972.000 | -6.12 |
| 974.000 | -6.12 |
| 976.000 | -6.12 |
| 978.000 | -6.12 |
| 980.000 | -6.12 |
| 982.000 | -6.12 |
| 984.000 | -6.13 |
| 986.000 | -6.13 |
| 988.000 | -6.12 |
| 990.000 | -6.12 |
| 992.000 | -6.13 |
| 994.000 | -6.12 |
| 996.000 | -6.12 |
| 998.000 | -6.12 |
| 1000.00 | -6.13 |
| 1002.00 | -6.13 |
| 1004.00 | -6.13 |
| 1006.00 | -6.13 |
| 1008.00 | -6.13 |
| 1010.00 | -6.13 |
| 1012.00 | -6.13 |
| 1014.00 | -6.13 |
| 1016.00 | -6.13 |
| 1018.00 | -6.13 |
| 1020.00 | -6.13 |
| 1022.00 | -6.13 |
| 1024.00 | -6.14 |
| 1026.00 | -6.14 |
| 1028.00 | -6.14 |
| 1030.00 | -6.14 |
| 1032.00 | -6.14 |
| 1034.00 | -6.14 |
| 1036.00 | -6.14 |
| 1038.00 | -6.14 |
| 1040.00 | -6.14 |



CHM 003 0859

| Elapsed Time | Value |
|---|---|
| 1042.00 | -6.14 |
| 1044.00 | -6.14 |
| 1046.00 | -6.14 |
| 1048.00 | -6.14 |
| 1050.00 | -6.14 |
| 1052.00 | -6.14 |
| 1054.00 | -6.14 |
| 1056.00 | -6.14 |
| 1058.00 | -6.15 |
| 1060.00 | -6.15 |
| 1062.00 | -6.15 |
| 1064.00 | -6.15 |
| 1066.00 | -6.15 |
| 1068.00 | -6.15 |
| 1070.00 | -6.15 |
| 1072.00 | -6.15 |
| 1074.00 | -6.15 |
| 1076.00 | -6.15 |
| 1078.00 | -6.15 |
| 1080.00 | -6.15 |
| 1082.00 | -6.15 |
| 1084.00 | -6.15 |
| 1086.00 | -6.15 |
| 1088.00 | -6.15 |
| 1090.00 | -6.15 |
| 1092.00 | -6.15 |
| 1094.00 | -6.15 |
| 1096.00 | -6.15 |
| 1098.00 | -6.15 |
| 1100.00 | -6.15 |
| 1102.00 | -6.16 |
| 1104.00 | -6.16 |
| 1106.00 | -6.16 |
| 1108.00 | -6.16 |
| 1110.00 | -6.16 |
| 1112.00 | -6.16 |
| 1114.00 | -6.16 |
| 1116.00 | -6.16 |
| 1118.00 | -6.16 |
| 1120.00 | -6.16 |
| 1122.00 | -6.16 |
| 1124.00 | -6.16 |
| 1126.00 | -6.16 |
| 1128.00 | -6.16 |
| 1130.00 | -6.16 |
| 1132.00 | -6.16 |
| 1134.00 | -6.16 |
| 1136.00 | -6.16 |
| 1138.00 | -6.16 |
| 1140.00 | -6.16 |
| 1142.00 | -6.16 |
| 1144.00 | -6.16 |
| 1146.00 | -6.16 |
| 1148.00 | -6.17 |



CHM 003 0860

| Elapsed Time | Value |
|---|---|
| 1150.00 | -6.16 |
| 1152.00 | -6.16 |
| 1154.00 | -6.17 |
| 1156.00 | -6.17 |
| 1158.00 | -6.17 |
| 1160.00 | -6.17 |
| 1162.00 | -6.17 |
| 1164.00 | -6.17 |
| 1166.00 | -6.17 |
| 1168.00 | -6.17 |
| 1170.00 | -6.17 |
| 1172.00 | -6.17 |
| 1174.00 | -6.17 |
| 1176.00 | -6.17 |
| 1178.00 | -6.17 |
| 1180.00 | -6.17 |
| 1182.00 | -6.17 |
| 1184.00 | -6.17 |
| 1186.00 | -6.17 |
| 1188.00 | -6.17 |
| 1190.00 | -6.17 |
| 1192.00 | -6.17 |
| 1194.00 | -6.17 |
| 1196.00 | -6.17 |
| 1198.00 | -6.17 |
| 1200.00 | -6.17 |
| 1202.00 | -6.17 |
| 1204.00 | -6.17 |
| 1206.00 | -6.17 |
| 1208.00 | -6.17 |
| 1210.00 | -6.17 |
| 1212.00 | -6.17 |
| 1214.00 | -6.17 |
| 1216.00 | -6.17 |
| 1218.00 | -6.17 |
| 1220.00 | -6.17 |
| 1222.00 | -6.17 |
| 1224.00 | -6.17 |
| 1226.00 | -6.17 |
| 1228.00 | -6.17 |
| 1230.00 | -6.17 |
| 1232.00 | -6.17 |
| 1234.00 | -6.17 |
| 1236.00 | -6.17 |
| 1238.00 | -6.17 |
| 1240.00 | -6.17 |
| 1242.00 | -6.17 |
| 1244.00 | -6.17 |
| 1246.00 | -6.17 |
| 1248.00 | -6.17 |
| 1250.00 | -6.17 |
| 1252.00 | -6.17 |
| 1254.00 | -6.17 |
| 1256.00 | -6.17 |



CHM 003 0861

| Elapsed Time | Value |
|---|---|
| 1258.00 | -6.17 |
| 1260.00 | -6.16 |
| 1262.00 | -6.16 |
| 1264.00 | -6.16 |
| 1266.00 | -6.16 |
| 1268.00 | -6.16 |
| 1270.00 | -6.16 |
| 1272.00 | -6.16 |
| 1274.00 | -6.16 |
| 1276.00 | -6.16 |
| 1278.00 | -6.16 |
| 1280.00 | -6.16 |
| 1282.00 | -6.16 |
| 1284.00 | -6.16 |
| 1286.00 | -6.16 |
| 1288.00 | -6.16 |
| 1290.00 | -6.16 |
| 1292.00 | -6.15 |
| 1294.00 | -6.15 |
| 1296.00 | -6.15 |
| 1298.00 | -6.15 |



CHM 003 0862

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/29 07:04

Unit# 151 Test 1

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC |
| I.D. | DMW11ST2 | DMW11MT2 | DMW11DT2 | C2 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.096 | 2.309 | 0.274 | 0.068 |
| Scale factor | 20.030 | 250.105 | 29.998 | 100.007 |
| Offset | -0.001 | 0.645 | -0.084 | -0.138 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/24 07:38:31

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 0.0000 | 0.000 | -0.079 | 0.019 | -0.031 |
| 1.0000 | 0.000 | 0.000 | 0.019 | 0.000 |
| 2.0000 | 0.000 | 0.000 | 0.019 | 0.000 |
| 3.0000 | 0.000 | 0.000 | 0.019 | 0.000 |
| 4.0000 | 0.000 | 0.000 | 0.019 | 0.000 |
| 5.0000 | 0.000 | 0.000 | 0.028 | 0.000 |
| 6.0000 | 0.000 | 0.000 | 0.028 | -0.031 |
| 7.0000 | -0.006 | 0.000 | 0.019 | 0.000 |
| 8.0000 | 0.000 | 0.000 | 0.028 | 0.000 |
| 9.0000 | 0.000 | 0.000 | 0.028 | 0.000 |
| 10.0000 | 0.000 | 0.000 | 0.028 | 0.000 |
| 11.0000 | 0.000 | 0.000 | 0.028 | 0.000 |
| 12.0000 | 0.000 | 0.000 | 0.028 | 0.000 |
| 13.0000 | 0.000 | 0.000 | 0.038 | 0.000 |
| 14.0000 | 0.000 | 0.000 | 0.038 | 0.000 |
| 15.0000 | 0.000 | 0.000 | 0.038 | 0.000 |
| 16.0000 | -0.642 | -0.634 | -0.420 | -0.063 |
| 17.0000 | -0.273 | -0.237 | -0.133 | -0.252 |
| 18.0000 | -0.177 | 0.317 | 0.315 | -0.157 |
| 19.0000 | -0.152 | 0.396 | 0.353 | -0.126 |
| 20.0000 | -0.139 | 0.396 | 0.363 | -0.094 |
| 21.0000 | -0.133 | 0.475 | 0.373 | -0.094 |
| 22.0000 | -0.133 | 0.475 | 0.373 | -0.094 |
| 23.0000 | -0.133 | 0.475 | 0.382 | -0.094 |
| 24.0000 | -0.127 | 0.475 | 0.392 | -0.063 |
| 25.0000 | -0.127 | 0.396 | 0.392 | -0.094 |
| 26.0000 | -0.127 | 0.475 | 0.392 | -0.063 |
| 27.0000 | 0.133 | 81.017 | 1.061 | 0.157 |



CHM 003 0863

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 28.0000 | -0.063 | 71.683 | 1.042 | 0.063 |
| 29.0000 | -0.184 | 69.705 | 1.013 | 0.000 |
| 30.0000 | -0.235 | 35.030 | 0.726 | -0.063 |
| 31.0000 | -0.254 | 73.423 | 0.918 | -0.094 |
| 32.0000 | -0.260 | 70.417 | 0.918 | -0.094 |
| 33.0000 | -0.266 | 73.819 | 0.927 | -0.126 |
| 34.0000 | -0.279 | 54.351 | 0.822 | -0.126 |
| 35.0000 | -0.286 | 54.114 | 0.793 | -0.126 |
| 36.0000 | -0.286 | 54.668 | 0.784 | -0.126 |
| 37.0000 | -0.292 | 61.475 | 0.784 | -0.126 |
| 38.0000 | -0.286 | 73.819 | 0.851 | -0.126 |
| 39.0000 | -0.286 | 66.302 | 0.832 | -0.126 |
| 40.0000 | -0.292 | 65.353 | 0.822 | -0.126 |
| 41.0000 | -0.279 | 64.799 | 0.813 | -0.126 |
| 42.0000 | -0.273 | 65.036 | 0.803 | -0.126 |
| 43.0000 | -0.286 | 65.194 | 0.803 | -0.126 |
| 44.0000 | -0.292 | 65.669 | 0.793 | -0.126 |
| 45.0000 | -0.279 | 65.748 | 0.784 | -0.126 |
| 46.0000 | -0.292 | 66.065 | 0.784 | -0.126 |
| 47.0000 | -0.286 | 66.540 | 0.784 | -0.126 |
| 48.0000 | -0.273 | 66.856 | 0.774 | -0.126 |
| 49.0000 | -0.273 | 67.015 | 0.774 | -0.126 |
| 50.0000 | -0.279 | 73.661 | 0.793 | -0.126 |
| 51.0000 | -0.266 | 72.474 | 0.793 | -0.126 |
| 52.0000 | -0.273 | 73.186 | 0.793 | -0.126 |
| 53.0000 | -0.273 | 71.366 | 0.803 | -0.126 |
| 54.0000 | -0.273 | 71.683 | 0.793 | -0.094 |
| 55.0000 | -0.273 | 71.445 | 0.793 | -0.094 |
| 56.0000 | -0.266 | 71.999 | 0.793 | -0.094 |
| 57.0000 | -0.273 | 72.553 | 0.793 | -0.094 |
| 58.0000 | -0.279 | 72.158 | 0.784 | -0.094 |
| 59.0000 | -0.266 | 72.395 | 0.784 | -0.094 |
| 60.0000 | -0.273 | 72.078 | 0.784 | -0.094 |
| 61.0000 | -0.273 | 72.158 | 0.784 | -0.094 |
| 62.0000 | -0.273 | 72.158 | 0.784 | -0.094 |
| 63.0000 | -0.279 | 72.078 | 0.784 | -0.094 |
| 64.0000 | -0.273 | 72.078 | 0.784 | -0.094 |
| 65.0000 | -0.273 | 71.920 | 0.784 | -0.094 |
| 66.0000 | -0.279 | 71.920 | 0.784 | -0.094 |
| 67.0000 | -0.279 | 71.683 | 0.774 | -0.094 |
| 68.0000 | -0.279 | 68.518 | 0.774 | -0.094 |
| 69.0000 | -0.273 | 68.043 | 0.774 | -0.094 |
| 70.0000 | -0.266 | 68.043 | 0.774 | -0.094 |
| 71.0000 | -0.279 | 67.885 | 0.774 | -0.094 |
| 72.0000 | -0.273 | 67.252 | 0.774 | -0.094 |
| 73.0000 | -0.273 | 67.806 | 0.774 | -0.094 |
| 74.0000 | -0.279 | 67.964 | 0.774 | -0.094 |
| 75.0000 | -0.273 | 67.806 | 0.765 | -0.094 |
| 76.0000 | -0.266 | 67.964 | 0.774 | -0.126 |
| 77.0000 | -0.286 | 68.043 | 0.774 | -0.126 |
| 78.0000 | -0.279 | 67.964 | 0.774 | -0.094 |
| 79.0000 | -0.286 | 67.885 | 0.774 | -0.094 |
| 80.0000 | -0.279 | 67.806 | 0.774 | -0.094 |
| 81.0000 | -0.279 | 67.727 | 0.765 | -0.094 |



CHM 003 0864

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 82.0000 | -0.279 | 67.489 | 0.774 | -0.094 |
| 83.0000 | -0.273 | 67.094 | 0.774 | -0.094 |
| 84.0000 | -0.266 | 67.331 | 0.774 | -0.094 |
| 85.0000 | -0.279 | 67.331 | 0.765 | -0.094 |
| 86.0000 | -0.279 | 67.015 | 0.784 | -0.126 |
| 87.0000 | -0.286 | 67.410 | 0.774 | -0.094 |
| 88.0000 | -0.286 | 67.648 | 0.774 | -0.094 |
| 89.0000 | -0.273 | 67.173 | 0.784 | -0.094 |
| 90.0000 | -0.286 | 67.331 | 0.784 | -0.094 |
| 91.0000 | -0.286 | 67.173 | 0.784 | -0.094 |
| 92.0000 | -0.273 | 67.173 | 0.784 | -0.094 |
| 93.0000 | -0.273 | 89.084 | 0.813 | -0.094 |
| 94.0000 | -0.286 | 76.192 | 0.813 | -0.094 |
| 95.0000 | -0.273 | 83.074 | 0.822 | -0.094 |
| 96.0000 | -0.273 | 84.576 | 0.832 | -0.094 |
| 97.0000 | -0.266 | 88.609 | 0.841 | -0.094 |
| 98.0000 | -0.260 | 87.898 | 0.851 | -0.063 |
| 99.0000 | -0.260 | 87.502 | 0.851 | -0.094 |
| 100.000 | -0.260 | 88.214 | 0.860 | -0.063 |
| 101.000 | -0.260 | 88.056 | 0.860 | -0.063 |
| 102.000 | -0.260 | 87.819 | 0.870 | -0.094 |
| 103.000 | -0.241 | 87.740 | 0.860 | -0.063 |
| 104.000 | -0.254 | 96.674 | 0.889 | -0.063 |
| 105.000 | -0.247 | 95.093 | 0.899 | -0.063 |
| 106.000 | -0.235 | 90.270 | 0.889 | -0.063 |
| 107.000 | -0.247 | 93.749 | 0.899 | -0.063 |
| 108.000 | -0.235 | 93.275 | 0.899 | -0.063 |
| 109.000 | -0.247 | 93.037 | 0.899 | -0.063 |
| 110.000 | -0.228 | 92.800 | 0.908 | -0.063 |
| 111.000 | -0.235 | 94.144 | 0.908 | -0.063 |
| 112.000 | -0.241 | 91.851 | 0.908 | -0.063 |
| 113.000 | -0.241 | 91.851 | 0.908 | -0.063 |
| 114.000 | -0.241 | 90.507 | 0.908 | -0.063 |
| 115.000 | -0.241 | 91.377 | 0.908 | -0.063 |
| 116.000 | -0.235 | 91.219 | 0.908 | -0.031 |
| 117.000 | -0.247 | 90.823 | 0.908 | -0.063 |
| 118.000 | -0.228 | 90.665 | 0.908 | -0.031 |
| 119.000 | -0.241 | 90.903 | 0.908 | -0.063 |
| 120.000 | -0.228 | 99.915 | 0.918 | -0.063 |
| 121.000 | -0.222 | 93.828 | 0.918 | -0.031 |
| 122.000 | -0.235 | 93.354 | 0.918 | -0.063 |
| 123.000 | -0.235 | 93.116 | 0.927 | -0.031 |
| 124.000 | -0.235 | 92.958 | 0.927 | -0.031 |
| 125.000 | -0.222 | 92.484 | 0.927 | -0.031 |
| 126.000 | -0.228 | 92.168 | 0.927 | -0.031 |
| 127.000 | -0.241 | 91.614 | 0.927 | -0.031 |
| 128.000 | -0.228 | 107.740 | 0.946 | -0.031 |
| 129.000 | -0.222 | 107.582 | 0.956 | -0.031 |
| 130.000 | -0.216 | 107.345 | 0.966 | -0.031 |
| 131.000 | -0.216 | 107.108 | 0.966 | -0.031 |
| 132.000 | -0.209 | 108.530 | 0.975 | -0.031 |
| 133.000 | -0.203 | 108.372 | 0.985 | -0.031 |
| 134.000 | -0.216 | 108.135 | 0.985 | 0.000 |
| 135.000 | -0.209 | 108.214 | 0.985 | -0.031 |



CHM 003 0865

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 136.000 | -0.209 | 107.898 | 0.994 | -0.031 |
| 137.000 | -0.203 | 107.740 | 0.994 | -0.031 |
| 138.000 | -0.216 | 107.819 | 0.994 | 0.000 |
| 139.000 | -0.197 | 107.819 | 1.004 | 0.000 |
| 140.000 | -0.197 | 107.740 | 1.004 | 0.000 |
| 141.000 | -0.197 | 107.503 | 1.004 | 0.000 |
| 142.000 | -0.197 | 107.503 | 1.004 | 0.000 |
| 143.000 | -0.197 | 107.266 | 1.004 | -0.031 |
| 144.000 | -0.197 | 107.661 | 1.013 | 0.000 |
| 145.000 | -0.197 | 107.187 | 1.013 | 0.000 |
| 146.000 | -0.203 | 107.266 | 1.013 | 0.000 |
| 147.000 | -0.197 | 107.266 | 1.013 | 0.000 |
| 148.000 | -0.184 | 107.029 | 1.023 | 0.000 |
| 149.000 | -0.190 | 106.870 | 1.013 | 0.000 |
| 150.000 | -0.190 | 104.579 | 1.013 | -0.031 |
| 151.000 | -0.190 | 104.341 | 1.023 | 0.000 |
| 152.000 | -0.184 | 104.341 | 1.023 | 0.000 |
| 153.000 | -0.177 | 107.503 | 1.023 | 0.000 |
| 154.000 | -0.184 | 105.764 | 1.023 | 0.000 |
| 155.000 | -0.190 | 106.001 | 1.023 | 0.000 |
| 156.000 | -0.190 | 105.606 | 1.023 | 0.000 |
| 157.000 | -0.190 | 104.737 | 1.023 | 0.000 |
| 158.000 | -0.203 | 97.544 | 1.013 | 0.000 |
| 159.000 | -0.184 | 96.911 | 1.013 | 0.000 |
| 160.000 | -0.184 | 98.176 | 1.013 | 0.000 |
| 161.000 | -0.184 | 104.341 | 1.013 | 0.000 |
| 162.000 | -0.190 | 104.104 | 1.023 | 0.000 |
| 163.000 | -0.190 | 104.025 | 1.023 | 0.000 |
| 164.000 | -0.177 | 102.049 | 1.023 | 0.000 |
| 165.000 | -0.190 | 101.970 | 1.023 | 0.000 |
| 166.000 | -0.190 | 97.307 | 1.023 | 0.000 |
| 167.000 | -0.190 | 111.533 | 1.032 | 0.000 |
| 168.000 | -0.184 | 111.296 | 1.032 | 0.000 |
| 169.000 | -0.184 | 110.743 | 1.032 | 0.031 |
| 170.000 | -0.184 | 96.437 | 1.032 | 0.000 |
| 171.000 | -0.184 | 91.851 | 1.023 | 0.000 |
| 172.000 | -0.101 | 117.143 | 1.042 | 0.031 |
| 173.000 | -0.063 | 124.489 | 1.061 | 0.063 |
| 174.000 | -0.095 | 80.859 | 1.032 | 0.094 |
| 175.000 | -0.139 | 88.293 | 1.023 | 0.063 |
| 176.000 | -0.127 | 109.794 | 1.032 | 0.031 |
| 177.000 | -0.114 | 110.111 | 1.032 | 0.031 |
| 178.000 | -0.108 | 110.031 | 1.032 | 0.031 |
| 179.000 | -0.108 | 109.636 | 1.042 | 0.063 |
| 180.000 | -0.114 | 109.715 | 1.042 | 0.063 |
| 181.000 | -0.120 | 109.478 | 1.052 | 0.063 |
| 182.000 | -0.120 | 109.557 | 1.052 | 0.063 |
| 183.000 | -0.114 | 109.478 | 1.052 | 0.063 |
| 184.000 | -0.108 | 109.794 | 1.061 | 0.063 |
| 185.000 | -0.101 | 109.636 | 1.052 | 0.063 |
| 186.000 | -0.108 | 109.557 | 1.061 | 0.063 |
| 187.000 | -0.101 | 110.031 | 1.061 | 0.063 |
| 188.000 | -0.101 | 109.715 | 1.061 | 0.063 |
| 189.000 | -0.101 | 109.636 | 1.061 | 0.063 |



CHM 003 0866

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 190.000 | -0.108 | 110.111 | 1.061 | 0.063 |
| 191.000 | -0.101 | 110.031 | 1.061 | 0.063 |
| 192.000 | -0.095 | 109.952 | 1.061 | 0.063 |
| 193.000 | -0.108 | 109.794 | 1.061 | 0.063 |
| 194.000 | -0.108 | 109.794 | 1.061 | 0.063 |
| 195.000 | -0.114 | 109.952 | 1.061 | 0.063 |
| 196.000 | -0.114 | 109.715 | 1.061 | 0.063 |
| 197.000 | -0.101 | 109.952 | 1.071 | 0.063 |
| 198.000 | -0.114 | 109.952 | 1.071 | 0.063 |
| 199.000 | -0.114 | 109.794 | 1.071 | 0.063 |
| 200.000 | -0.114 | 109.952 | 1.071 | 0.063 |
| 201.000 | -0.114 | 109.794 | 1.071 | 0.063 |
| 202.000 | -0.120 | 109.794 | 1.071 | 0.094 |
| 203.000 | -0.120 | 109.636 | 1.071 | 0.063 |
| 204.000 | -0.114 | 110.031 | 1.071 | 0.094 |
| 205.000 | -0.108 | 110.031 | 1.071 | 0.063 |
| 206.000 | -0.120 | 110.427 | 1.080 | 0.094 |
| 207.000 | -0.114 | 110.190 | 1.080 | 0.063 |
| 208.000 | -0.120 | 110.427 | 1.071 | 0.063 |
| 209.000 | -0.108 | 110.585 | 1.071 | 0.094 |
| 210.000 | -0.108 | 110.348 | 1.080 | 0.094 |
| 211.000 | -0.114 | 110.269 | 1.080 | 0.063 |
| 212.000 | -0.108 | 110.348 | 1.080 | 0.094 |
| 213.000 | -0.114 | 110.506 | 1.080 | 0.063 |
| 214.000 | -0.114 | 110.190 | 1.080 | 0.063 |
| 215.000 | -0.108 | 110.427 | 1.080 | 0.094 |
| 216.000 | -0.108 | 110.585 | 1.080 | 0.094 |
| 217.000 | -0.108 | 110.585 | 1.080 | 0.094 |
| 218.000 | -0.108 | 110.506 | 1.080 | 0.063 |
| 219.000 | -0.127 | 110.506 | 1.080 | 0.063 |
| 220.000 | -0.114 | 110.506 | 1.080 | 0.094 |
| 221.000 | -0.114 | 110.664 | 1.080 | 0.094 |
| 222.000 | -0.108 | 110.664 | 1.080 | 0.094 |
| 223.000 | -0.114 | 110.585 | 1.080 | 0.094 |
| 224.000 | -0.120 | 110.506 | 1.080 | 0.063 |
| 225.000 | -0.108 | 110.664 | 1.090 | 0.094 |
| 226.000 | -0.108 | 110.427 | 1.090 | 0.094 |
| 227.000 | -0.114 | 110.506 | 1.090 | 0.094 |
| 228.000 | -0.108 | 110.348 | 1.090 | 0.094 |
| 229.000 | -0.108 | 110.585 | 1.090 | 0.063 |
| 230.000 | -0.114 | 110.585 | 1.090 | 0.063 |
| 231.000 | -0.114 | 110.585 | 1.090 | 0.063 |
| 232.000 | -0.114 | 110.743 | 1.090 | 0.094 |
| 233.000 | -0.114 | 110.664 | 1.090 | 0.094 |
| 234.000 | -0.114 | 110.506 | 1.090 | 0.094 |
| 235.000 | -0.101 | 110.664 | 1.090 | 0.094 |
| 236.000 | -0.120 | 110.664 | 1.099 | 0.063 |
| 237.000 | -0.108 | 110.901 | 1.090 | 0.094 |
| 238.000 | -0.114 | 110.506 | 1.090 | 0.094 |
| 239.000 | -0.108 | 110.506 | 1.099 | 0.094 |
| 240.000 | -0.101 | 110.664 | 1.099 | 0.094 |
| 241.000 | -0.108 | 110.664 | 1.099 | 0.094 |
| 242.000 | -0.120 | 110.585 | 1.099 | 0.063 |
| 243.000 | -0.114 | 110.664 | 1.099 | 0.094 |



CHM 003 0867

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 244.000 | -0.108 | 110.585 | 1.099 | 0.094 |
| 245.000 | -0.108 | 110.506 | 1.099 | 0.094 |
| 246.000 | -0.108 | 110.585 | 1.099 | 0.094 |
| 247.000 | -0.114 | 110.664 | 1.099 | 0.094 |
| 248.000 | -0.101 | 110.585 | 1.099 | 0.094 |
| 249.000 | -0.101 | 110.743 | 1.099 | 0.094 |
| 250.000 | -0.101 | 110.664 | 1.099 | 0.094 |
| 251.000 | -0.088 | 110.506 | 1.099 | 0.094 |
| 252.000 | -0.114 | 110.506 | 1.099 | 0.094 |
| 253.000 | -0.108 | 110.743 | 1.099 | 0.094 |
| 254.000 | -0.101 | 110.664 | 1.099 | 0.094 |
| 255.000 | -0.114 | 110.743 | 1.099 | 0.094 |
| 256.000 | -0.108 | 110.664 | 1.099 | 0.094 |
| 257.000 | -0.101 | 110.901 | 1.099 | 0.094 |
| 258.000 | -0.101 | 110.822 | 1.109 | 0.094 |
| 259.000 | -0.095 | 110.822 | 1.099 | 0.094 |
| 260.000 | -0.108 | 110.901 | 1.099 | 0.094 |
| 261.000 | -0.101 | 110.822 | 1.099 | 0.094 |
| 262.000 | -0.108 | 110.901 | 1.109 | 0.094 |
| 263.000 | -0.101 | 110.664 | 1.109 | 0.094 |
| 264.000 | -0.101 | 110.822 | 1.109 | 0.094 |
| 265.000 | -0.108 | 110.822 | 1.109 | 0.094 |
| 266.000 | -0.114 | 110.743 | 1.109 | 0.094 |
| 267.000 | -0.095 | 110.901 | 1.109 | 0.094 |
| 268.000 | -0.108 | 110.980 | 1.109 | 0.094 |
| 269.000 | -0.108 | 111.059 | 1.109 | 0.094 |
| 270.000 | -0.108 | 111.059 | 1.109 | 0.063 |
| 271.000 | -0.108 | 111.217 | 1.109 | 0.094 |
| 272.000 | -0.101 | 110.822 | 1.119 | 0.094 |
| 273.000 | -0.120 | 111.059 | 1.109 | 0.094 |
| 274.000 | -0.101 | 110.822 | 1.119 | 0.094 |
| 275.000 | -0.101 | 110.901 | 1.119 | 0.094 |
| 276.000 | -0.108 | 110.980 | 1.119 | 0.094 |
| 277.000 | -0.101 | 110.822 | 1.119 | 0.094 |
| 278.000 | -0.108 | 110.901 | 1.119 | 0.094 |
| 279.000 | -0.101 | 110.980 | 1.119 | 0.094 |
| 280.000 | -0.095 | 110.980 | 1.119 | 0.094 |
| 281.000 | -0.101 | 110.822 | 1.119 | 0.094 |
| 282.000 | -0.108 | 110.980 | 1.119 | 0.094 |
| 283.000 | -0.101 | 111.217 | 1.119 | 0.094 |
| 284.000 | -0.108 | 110.980 | 1.119 | 0.094 |
| 285.000 | -0.108 | 111.217 | 1.119 | 0.094 |
| 286.000 | -0.101 | 111.217 | 1.128 | 0.094 |
| 287.000 | -0.108 | 110.980 | 1.128 | 0.094 |
| 288.000 | -0.101 | 110.980 | 1.128 | 0.094 |
| 289.000 | -0.108 | 111.138 | 1.128 | 0.094 |
| 290.000 | -0.095 | 110.980 | 1.128 | 0.094 |
| 291.000 | -0.101 | 111.217 | 1.128 | 0.094 |
| 292.000 | -0.095 | 111.059 | 1.128 | 0.094 |
| 293.000 | -0.108 | 111.138 | 1.128 | 0.094 |
| 294.000 | -0.101 | 110.901 | 1.128 | 0.094 |
| 295.000 | -0.108 | 111.059 | 1.128 | 0.094 |
| 296.000 | -0.095 | 110.901 | 1.128 | 0.094 |
| 297.000 | -0.101 | 111.059 | 1.128 | 0.094 |



CHM 003 0868

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 298.000 | -0.101 | 110.822 | 1.138 | 0.094 |
| 299.000 | -0.101 | 110.980 | 1.128 | 0.094 |
| 300.000 | -0.101 | 110.980 | 1.138 | 0.094 |
| 301.000 | -0.095 | 111.217 | 1.128 | 0.094 |
| 302.000 | -0.108 | 111.138 | 1.128 | 0.094 |
| 303.000 | -0.063 | 8.404 | 1.042 | 0.094 |
| 304.000 | -0.012 | 4.519 | 0.975 | 0.126 |
| 305.000 | -0.006 | 3.568 | 0.918 | 0.094 |
| 306.000 | -0.006 | 3.171 | 0.879 | 0.126 |
| 307.000 | -0.012 | 3.013 | 0.851 | 0.126 |
| 308.000 | -0.012 | 2.775 | 0.822 | 0.126 |
| 309.000 | -0.019 | 2.696 | 0.813 | 0.094 |
| 310.000 | -0.025 | 2.616 | 0.793 | 0.094 |
| 311.000 | -0.031 | 2.537 | 0.774 | 0.094 |
| 312.000 | -0.038 | 2.537 | 0.765 | 0.094 |
| 313.000 | -0.038 | 2.458 | 0.755 | 0.094 |
| 314.000 | -0.044 | 2.378 | 0.746 | 0.063 |
| 315.000 | -0.044 | 2.378 | 0.736 | 0.094 |
| 316.000 | -0.044 | 2.299 | 0.726 | 0.063 |
| 317.000 | -0.044 | 2.378 | 0.726 | 0.063 |
| 318.000 | -0.050 | 2.378 | 0.717 | 0.094 |
| 319.000 | -0.057 | 2.299 | 0.707 | 0.063 |
| 320.000 | -0.057 | 2.378 | 0.707 | 0.063 |
| 321.000 | -0.057 | 2.378 | 0.698 | 0.063 |
| 322.000 | -0.063 | 2.299 | 0.688 | 0.063 |
| 323.000 | -0.063 | 2.220 | 0.688 | 0.063 |
| 324.000 | -0.063 | 2.299 | 0.679 | 0.063 |
| 325.000 | -0.063 | 2.299 | 0.679 | 0.031 |
| 326.000 | -0.063 | 2.220 | 0.669 | 0.063 |
| 327.000 | -0.063 | 2.220 | 0.659 | 0.063 |
| 328.000 | -0.069 | 2.220 | 0.659 | 0.063 |
| 329.000 | -0.069 | 2.220 | 0.659 | 0.031 |
| 330.000 | -0.063 | 2.220 | 0.659 | 0.031 |
| 331.000 | -0.069 | 2.220 | 0.659 | 0.063 |
| 332.000 | -0.069 | 2.220 | 0.650 | 0.063 |
| 333.000 | -0.069 | 2.220 | 0.650 | 0.063 |
| 334.000 | -0.069 | 2.220 | 0.640 | 0.063 |
| 335.000 | -0.069 | 2.220 | 0.640 | 0.063 |
| 336.000 | -0.069 | 2.220 | 0.640 | 0.063 |
| 337.000 | -0.069 | 2.220 | 0.640 | 0.031 |
| 338.000 | -0.069 | 2.140 | 0.631 | 0.031 |
| 339.000 | -0.069 | 2.140 | 0.631 | 0.031 |
| 340.000 | -0.069 | 2.140 | 0.631 | 0.031 |
| 341.000 | -0.069 | 2.140 | 0.631 | 0.031 |
| 342.000 | -0.069 | 2.220 | 0.631 | 0.063 |
| 343.000 | -0.069 | 2.140 | 0.631 | 0.063 |
| 344.000 | 0.082 | 1.427 | 0.143 | 0.063 |
| 345.000 | 0.686 | 2.061 | 0.602 | 0.252 |
| 346.000 | 0.222 | 1.665 | 0.258 | 0.315 |
| 347.000 | 0.165 | 2.933 | 1.291 | 0.221 |
| 348.000 | 0.394 | 9.752 | 6.518 | 0.252 |
| 349.000 | 0.127 | 9.435 | 6.107 | 0.221 |
| 350.000 | 0.095 | 9.355 | 6.098 | 0.189 |
| 351.000 | 0.088 | 9.355 | 6.088 | 0.157 |



CHM 003 0869

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 352.000 | 0.082 | 9.435 | 6.088 | 0.157 |
| 353.000 | 0.082 | 9.435 | 6.088 | 0.157 |
| 354.000 | 0.076 | 9.355 | 6.088 | 0.157 |
| 355.000 | 0.076 | 9.435 | 6.088 | 0.157 |
| 356.000 | 0.076 | 9.435 | 6.079 | 0.157 |
| 357.000 | 0.076 | 9.435 | 6.088 | 0.157 |
| 358.000 | 0.076 | 9.355 | 6.088 | 0.126 |
| 359.000 | 0.076 | 9.355 | 6.079 | 0.157 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/29 07:42

Unit# 436 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 | TW4 | TW3 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 | 0.115 | 0.033 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 | 20.009 | 29.983 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 | 0.091 | -0.012 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/24 08:00:01

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 0.0000 | 0.006 | -0.009 | 0.000 | 0.012 | 0.000 | 0.009 |
| 2.0000 | 0.006 | -0.009 | 0.000 | 0.012 | 0.000 | 0.009 |
| 4.0000 | 0.006 | -0.009 | 0.000 | 0.019 | 0.000 | 0.000 |
| 6.0000 | 0.006 | -0.009 | 0.000 | 0.019 | 0.000 | 0.009 |
| 8.0000 | 0.006 | -0.009 | 0.000 | 0.019 | 0.000 | 0.009 |
| 10.0000 | 0.006 | -0.009 | 0.000 | 0.019 | 0.000 | 0.009 |
| 12.0000 | 0.000 | -0.009 | 0.000 | 0.019 | 0.000 | 0.000 |
| 14.0000 | 0.000 | -0.009 | 0.000 | 0.019 | 0.000 | 0.000 |
| 16.0000 | 0.000 | -0.009 | 0.000 | 0.025 | 0.000 | 0.000 |
| 18.0000 | 0.000 | -0.009 | 0.000 | 0.025 | 0.000 | 0.000 |
| 20.0000 | 0.000 | -0.009 | 0.000 | 0.025 | 0.000 | 0.000 |
| 22.0000 | 0.000 | -0.019 | -0.009 | 0.025 | 0.000 | 0.000 |
| 24.0000 | 0.000 | -0.009 | 0.000 | 0.025 | 0.000 | 0.000 |
| 26.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 28.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 30.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 32.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 34.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 36.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 38.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 40.0000 | 0.000 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 42.0000 | 0.000 | -0.009 | 0.000 | 0.038 | 0.000 | 0.000 |
| 44.0000 | 0.006 | -0.009 | 0.000 | 0.031 | 0.000 | 0.000 |
| 46.0000 | 0.012 | -0.009 | 0.000 | 0.038 | 0.000 | 0.000 |
| 48.0000 | 0.000 | -0.009 | 0.000 | 0.038 | -0.006 | -0.009 |
| 50.0000 | 0.006 | -0.009 | 0.000 | 0.038 | -0.006 | -0.009 |
| 52.0000 | 0.000 | -0.009 | 0.000 | 0.038 | 0.000 | -0.009 |
| 54.0000 | 0.006 | -0.009 | 0.000 | 0.038 | 0.000 | 0.000 |



CHM 003 0871

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 56.0000 | 0.006 | -0.009 | 0.000 | 0.038 | 0.000 | 0.000 |
| 58.0000 | 0.006 | -0.009 | 0.000 | 0.038 | -0.006 | -0.009 |
| 60.0000 | 0.000 | -0.009 | 0.000 | 0.038 | 0.000 | -0.009 |
| 62.0000 | 0.000 | -0.009 | 0.000 | 0.038 | 0.000 | -0.009 |
| 64.0000 | 0.006 | -0.009 | 0.000 | 0.038 | 0.000 | -0.009 |
| 66.0000 | 0.006 | -0.009 | 0.000 | 0.044 | 0.000 | 0.000 |
| 68.0000 | 0.006 | -0.009 | 0.000 | 0.044 | -0.006 | -0.009 |
| 70.0000 | 0.006 | -0.009 | 0.000 | 0.044 | -0.006 | -0.009 |
| 72.0000 | 0.000 | -0.009 | 0.000 | 0.044 | 0.000 | 0.000 |
| 74.0000 | 0.006 | -0.009 | 0.000 | 0.038 | -0.006 | 0.000 |
| 76.0000 | 0.000 | -0.009 | 0.000 | 0.044 | -0.006 | -0.009 |
| 78.0000 | -0.006 | -0.009 | 0.000 | 0.038 | -0.006 | -0.009 |
| 80.0000 | 0.000 | -0.009 | 0.000 | 0.044 | -0.006 | 0.000 |
| 82.0000 | 0.000 | -0.009 | 0.000 | 0.044 | -0.006 | 0.000 |
| 84.0000 | 0.000 | -0.009 | 0.000 | 0.044 | 0.000 | 0.000 |
| 86.0000 | 0.000 | -0.009 | 0.000 | 0.038 | 0.000 | 0.000 |
| 88.0000 | 0.006 | -0.009 | 0.000 | 0.044 | 0.000 | 0.009 |
| 90.0000 | 0.000 | -0.009 | 0.000 | 0.044 | -0.006 | 0.000 |
| 92.0000 | 0.000 | -0.009 | 0.000 | 0.044 | 0.000 | 0.009 |
| 94.0000 | 0.000 | -0.009 | 0.000 | 0.044 | -0.006 | 0.009 |
| 96.0000 | 0.006 | -0.009 | 0.000 | 0.044 | 0.000 | 0.018 |
| 98.0000 | 0.012 | -0.009 | 0.009 | 0.050 | 0.000 | 0.018 |
| 100.000 | 0.006 | -0.009 | 0.000 | 0.044 | 0.000 | 0.028 |
| 102.000 | 0.006 | -0.009 | 0.000 | 0.050 | 0.000 | 0.028 |
| 104.000 | 0.006 | -0.009 | 0.009 | 0.044 | -0.006 | 0.018 |
| 106.000 | 0.000 | -0.009 | 0.009 | 0.044 | -0.006 | 0.018 |
| 108.000 | -0.006 | -0.009 | 0.009 | 0.044 | -0.006 | 0.018 |
| 110.000 | 0.006 | -0.009 | 0.009 | 0.050 | -0.006 | 0.018 |
| 112.000 | 0.006 | -0.009 | 0.009 | 0.050 | 0.000 | 0.028 |
| 114.000 | 0.000 | -0.009 | 0.009 | 0.050 | 0.000 | 0.028 |
| 116.000 | 0.038 | 0.000 | 0.018 | 0.057 | 0.000 | 0.075 |
| 118.000 | 0.012 | -0.009 | 0.018 | 0.050 | -0.006 | 0.037 |
| 120.000 | 0.000 | 0.000 | 0.018 | 0.044 | 0.000 | 0.000 |
| 122.000 | 0.000 | -0.009 | 0.047 | 0.050 | 0.000 | 0.018 |
| 124.000 | 0.025 | 0.000 | 0.085 | 0.063 | 0.000 | 0.056 |
| 126.000 | 0.031 | 0.000 | 0.113 | 0.050 | 0.000 | 0.047 |
| 128.000 | 0.038 | 0.000 | 0.132 | 0.050 | 0.000 | 0.056 |
| 130.000 | 0.089 | 0.000 | 0.151 | 0.063 | 0.000 | 0.113 |
| 132.000 | 0.114 | 0.000 | 0.161 | 0.063 | 0.000 | 0.132 |
| 134.000 | 0.089 | 0.009 | 0.180 | 0.057 | 0.000 | 0.104 |
| 136.000 | 0.076 | 0.009 | 0.189 | 0.057 | 0.000 | 0.085 |
| 138.000 | 0.070 | 0.009 | 0.208 | 0.057 | 0.000 | 0.056 |
| 140.000 | 0.057 | 0.009 | 0.218 | 0.050 | 0.000 | 0.018 |
| 142.000 | 0.076 | 0.019 | 0.227 | 0.050 | 0.000 | 0.009 |
| 144.000 | 0.031 | 0.009 | 0.227 | 0.038 | -0.006 | -0.056 |
| 146.000 | 0.025 | 0.019 | 0.237 | 0.038 | 0.000 | -0.056 |
| 148.000 | 0.044 | 0.019 | 0.246 | 0.044 | -0.006 | -0.047 |
| 150.000 | 0.127 | 0.028 | 0.265 | 0.063 | 0.000 | 0.056 |
| 152.000 | 0.152 | 0.028 | 0.265 | 0.069 | 0.000 | 0.085 |
| 154.000 | 0.146 | 0.038 | 0.275 | 0.063 | 0.000 | 0.075 |
| 156.000 | 0.133 | 0.038 | 0.284 | 0.057 | 0.000 | 0.028 |
| 158.000 | 0.152 | 0.038 | 0.284 | 0.063 | 0.000 | 0.028 |
| 160.000 | 0.152 | 0.038 | 0.294 | 0.063 | -0.006 | 0.018 |
| 162.000 | 0.133 | 0.047 | 0.294 | 0.057 | -0.006 | 0.009 |



CHM 003 0872

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 164.000 | 0.159 | 0.047 | 0.303 | 0.063 | 0.000 | 0.028 |
| 166.000 | 0.178 | 0.057 | 0.303 | 0.069 | -0.006 | 0.056 |
| 168.000 | 0.159 | 0.057 | 0.303 | 0.063 | -0.006 | 0.000 |
| 170.000 | 0.140 | 0.057 | 0.313 | 0.063 | -0.006 | -0.037 |
| 172.000 | 0.159 | 0.057 | 0.313 | 0.063 | -0.006 | 0.000 |
| 174.000 | 0.210 | 0.066 | 0.313 | 0.069 | -0.006 | 0.028 |
| 176.000 | 0.191 | 0.066 | 0.322 | 0.063 | -0.006 | 0.009 |
| 178.000 | 0.172 | 0.066 | 0.322 | 0.063 | -0.006 | -0.018 |
| 180.000 | 0.203 | 0.066 | 0.322 | 0.069 | -0.006 | 0.000 |
| 182.000 | 0.184 | 0.076 | 0.322 | 0.057 | -0.012 | -0.018 |
| 184.000 | 0.133 | 0.076 | 0.322 | 0.057 | -0.012 | -0.085 |
| 186.000 | 0.216 | 0.076 | 0.332 | 0.076 | -0.006 | 0.009 |
| 188.000 | 0.140 | 0.076 | 0.341 | 0.050 | -0.012 | -0.075 |
| 190.000 | 0.172 | 0.085 | 0.351 | 0.063 | -0.012 | -0.066 |
| 192.000 | 0.178 | 0.085 | 0.351 | 0.069 | -0.006 | -0.056 |
| 194.000 | 0.191 | 0.085 | 0.370 | 0.069 | -0.012 | -0.028 |
| 196.000 | 0.197 | 0.095 | 0.370 | 0.069 | -0.012 | -0.028 |
| 198.000 | 0.203 | 0.095 | 0.379 | 0.069 | -0.012 | -0.028 |
| 200.000 | 0.203 | 0.095 | 0.389 | 0.069 | -0.012 | -0.037 |
| 202.000 | 0.216 | 0.104 | 0.398 | 0.069 | -0.012 | -0.028 |
| 204.000 | 0.229 | 0.104 | 0.398 | 0.076 | -0.012 | -0.018 |
| 206.000 | 0.235 | 0.104 | 0.408 | 0.069 | -0.012 | -0.018 |
| 208.000 | 0.235 | 0.104 | 0.408 | 0.076 | -0.012 | -0.018 |
| 210.000 | 0.235 | 0.104 | 0.417 | 0.076 | -0.012 | -0.018 |
| 212.000 | 0.242 | 0.114 | 0.417 | 0.076 | -0.012 | -0.018 |
| 214.000 | 0.248 | 0.114 | 0.427 | 0.076 | -0.012 | -0.009 |
| 216.000 | 0.261 | 0.114 | 0.427 | 0.082 | -0.012 | 0.000 |
| 218.000 | 0.261 | 0.123 | 0.436 | 0.076 | -0.012 | -0.018 |
| 220.000 | 0.273 | 0.123 | 0.436 | 0.076 | -0.012 | -0.018 |
| 222.000 | 0.286 | 0.123 | 0.436 | 0.082 | -0.018 | -0.009 |
| 224.000 | 0.286 | 0.123 | 0.446 | 0.076 | -0.012 | -0.018 |
| 226.000 | 0.331 | 0.133 | 0.455 | 0.089 | -0.012 | 0.037 |
| 228.000 | 0.318 | 0.133 | 0.465 | 0.076 | -0.018 | 0.009 |
| 230.000 | 0.350 | 0.133 | 0.474 | 0.095 | -0.012 | 0.037 |
| 232.000 | 0.344 | 0.142 | 0.484 | 0.076 | -0.018 | 0.018 |
| 234.000 | 0.350 | 0.133 | 0.484 | 0.089 | -0.018 | 0.028 |
| 236.000 | 0.280 | 0.142 | 0.484 | 0.063 | -0.018 | -0.066 |
| 238.000 | 0.280 | 0.142 | 0.493 | 0.076 | -0.018 | -0.066 |
| 240.000 | 0.305 | 0.152 | 0.493 | 0.089 | -0.018 | -0.028 |
| 242.000 | 0.420 | 0.152 | 0.503 | 0.108 | -0.018 | 0.113 |
| 244.000 | 0.293 | 0.152 | 0.503 | 0.069 | -0.018 | -0.085 |
| 246.000 | 0.280 | 0.161 | 0.512 | 0.076 | -0.018 | -0.085 |
| 248.000 | 0.305 | 0.161 | 0.512 | 0.089 | -0.018 | -0.047 |
| 250.000 | 0.331 | 0.161 | 0.512 | 0.089 | -0.018 | -0.028 |
| 252.000 | 0.344 | 0.171 | 0.522 | 0.095 | -0.018 | -0.009 |
| 254.000 | 0.318 | 0.171 | 0.522 | 0.082 | -0.018 | -0.056 |
| 256.000 | 0.324 | 0.171 | 0.522 | 0.089 | -0.018 | -0.047 |
| 258.000 | 0.344 | 0.171 | 0.522 | 0.095 | -0.018 | -0.018 |
| 260.000 | 0.356 | 0.180 | 0.522 | 0.101 | -0.018 | -0.018 |
| 262.000 | 0.356 | 0.180 | 0.531 | 0.101 | -0.018 | -0.009 |
| 264.000 | 0.369 | 0.180 | 0.531 | 0.108 | -0.018 | -0.009 |
| 266.000 | 0.395 | 0.190 | 0.541 | 0.108 | -0.018 | 0.018 |
| 268.000 | 0.375 | 0.190 | 0.541 | 0.101 | -0.018 | -0.009 |
| 270.000 | 0.363 | 0.190 | 0.531 | 0.101 | -0.018 | -0.028 |



CHM 003 0873

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 272.000 | 0.369 | 0.190 | 0.541 | 0.108 | -0.018 | -0.028 |
| 274.000 | 0.369 | 0.190 | 0.550 | 0.108 | -0.018 | -0.028 |
| 276.000 | 0.375 | 0.199 | 0.550 | 0.108 | -0.018 | -0.028 |
| 278.000 | 0.375 | 0.199 | 0.550 | 0.108 | -0.018 | -0.018 |
| 280.000 | 0.388 | 0.190 | 0.550 | 0.108 | -0.025 | -0.018 |
| 282.000 | 0.401 | 0.199 | 0.560 | 0.108 | -0.018 | -0.018 |
| 284.000 | 0.420 | 0.199 | 0.569 | 0.120 | -0.018 | 0.000 |
| 286.000 | 0.426 | 0.199 | 0.569 | 0.114 | -0.018 | 0.000 |
| 288.000 | 0.433 | 0.209 | 0.569 | 0.120 | -0.025 | 0.000 |
| 290.000 | 0.401 | 0.209 | 0.569 | 0.108 | -0.025 | -0.028 |
| 292.000 | 0.388 | 0.209 | 0.569 | 0.108 | -0.025 | -0.047 |
| 294.000 | 0.395 | 0.209 | 0.569 | 0.114 | -0.025 | -0.047 |
| 296.000 | 0.407 | 0.209 | 0.579 | 0.120 | -0.025 | -0.028 |
| 298.000 | 0.420 | 0.218 | 0.579 | 0.120 | -0.025 | 0.000 |
| 300.000 | 0.401 | 0.218 | 0.579 | 0.114 | -0.025 | -0.037 |
| 302.000 | 0.401 | 0.218 | 0.588 | 0.114 | -0.025 | -0.056 |
| 304.000 | 0.420 | 0.218 | 0.588 | 0.120 | -0.025 | -0.028 |
| 306.000 | 0.420 | 0.218 | 0.588 | 0.120 | -0.025 | -0.028 |
| 308.000 | 0.414 | 0.218 | 0.588 | 0.120 | -0.025 | -0.037 |
| 310.000 | 0.420 | 0.228 | 0.588 | 0.120 | -0.025 | -0.047 |
| 312.000 | 0.407 | 0.228 | 0.598 | 0.120 | -0.025 | -0.056 |
| 314.000 | 0.407 | 0.228 | 0.588 | 0.127 | -0.025 | -0.056 |
| 316.000 | 0.414 | 0.228 | 0.598 | 0.127 | -0.025 | -0.047 |
| 318.000 | 0.420 | 0.228 | 0.598 | 0.127 | -0.025 | -0.047 |
| 320.000 | 0.426 | 0.237 | 0.598 | 0.127 | -0.025 | -0.047 |
| 322.000 | 0.439 | 0.237 | 0.598 | 0.133 | -0.025 | -0.028 |
| 324.000 | 0.446 | 0.237 | 0.607 | 0.133 | -0.025 | -0.018 |
| 326.000 | 0.446 | 0.237 | 0.607 | 0.133 | -0.025 | -0.018 |
| 328.000 | 0.439 | 0.237 | 0.607 | 0.133 | -0.025 | -0.037 |
| 330.000 | 0.446 | 0.237 | 0.607 | 0.133 | -0.031 | -0.037 |
| 332.000 | 0.452 | 0.237 | 0.607 | 0.139 | -0.031 | -0.018 |
| 334.000 | 0.458 | 0.247 | 0.607 | 0.139 | -0.031 | -0.028 |
| 336.000 | 0.465 | 0.247 | 0.617 | 0.139 | -0.031 | -0.018 |
| 338.000 | 0.465 | 0.247 | 0.617 | 0.146 | -0.025 | -0.009 |
| 340.000 | 0.471 | 0.247 | 0.617 | 0.139 | -0.031 | -0.009 |
| 342.000 | 0.471 | 0.247 | 0.617 | 0.146 | -0.031 | -0.018 |
| 344.000 | 0.471 | 0.247 | 0.626 | 0.146 | -0.031 | -0.009 |
| 346.000 | 0.465 | 0.256 | 0.626 | 0.146 | -0.031 | -0.018 |
| 348.000 | 0.465 | 0.256 | 0.626 | 0.146 | -0.031 | -0.018 |
| 350.000 | 0.458 | 0.256 | 0.626 | 0.146 | -0.031 | -0.028 |
| 352.000 | 0.458 | 0.256 | 0.626 | 0.152 | -0.031 | -0.018 |
| 354.000 | 0.465 | 0.256 | 0.626 | 0.152 | -0.031 | -0.018 |
| 356.000 | 0.471 | 0.256 | 0.626 | 0.152 | -0.031 | -0.009 |
| 358.000 | 0.471 | 0.256 | 0.626 | 0.152 | -0.031 | -0.018 |
| 360.000 | 0.477 | 0.247 | 0.626 | 0.152 | -0.037 | -0.028 |
| 362.000 | 0.477 | 0.256 | 0.636 | 0.152 | -0.031 | -0.028 |
| 364.000 | 0.471 | 0.266 | 0.636 | 0.152 | -0.031 | -0.037 |
| 366.000 | 0.477 | 0.266 | 0.636 | 0.158 | -0.031 | -0.028 |
| 368.000 | 0.477 | 0.266 | 0.636 | 0.158 | -0.031 | -0.028 |
| 370.000 | 0.484 | 0.266 | 0.636 | 0.165 | -0.031 | -0.018 |
| 372.000 | 0.490 | 0.266 | 0.645 | 0.165 | -0.031 | -0.018 |
| 374.000 | 0.490 | 0.266 | 0.645 | 0.165 | -0.031 | -0.018 |
| 376.000 | 0.496 | 0.276 | 0.645 | 0.165 | -0.031 | -0.018 |
| 378.000 | 0.496 | 0.276 | 0.645 | 0.165 | -0.031 | -0.018 |



CHM 003 0874

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 380.000 | 0.496 | 0.276 | 0.655 | 0.171 | -0.031 | -0.018 |
| 382.000 | 0.496 | 0.276 | 0.655 | 0.171 | -0.031 | -0.018 |
| 384.000 | 0.496 | 0.276 | 0.655 | 0.171 | -0.031 | -0.018 |
| 386.000 | 0.509 | 0.276 | 0.655 | 0.178 | -0.031 | -0.009 |
| 388.000 | 0.509 | 0.276 | 0.655 | 0.171 | -0.031 | -0.009 |
| 390.000 | 0.503 | 0.285 | 0.655 | 0.178 | -0.031 | -0.018 |
| 392.000 | 0.509 | 0.285 | 0.655 | 0.178 | -0.031 | -0.018 |
| 394.000 | 0.522 | 0.285 | 0.655 | 0.178 | -0.031 | -0.018 |
| 396.000 | 0.496 | 0.285 | 0.655 | 0.178 | -0.031 | -0.028 |
| 398.000 | 0.496 | 0.285 | 0.617 | 0.178 | -0.031 | -0.037 |
| 400.000 | 0.503 | 0.285 | 0.569 | 0.178 | -0.031 | -0.047 |
| 402.000 | 0.490 | 0.285 | 0.531 | 0.178 | -0.031 | -0.047 |
| 404.000 | 0.484 | 0.285 | 0.503 | 0.184 | -0.031 | -0.047 |
| 406.000 | 0.484 | 0.285 | 0.484 | 0.184 | -0.031 | -0.037 |
| 408.000 | 0.490 | 0.285 | 0.465 | 0.190 | -0.031 | -0.028 |
| 410.000 | 0.484 | 0.285 | 0.446 | 0.190 | -0.031 | -0.018 |
| 412.000 | 0.471 | 0.285 | 0.427 | 0.190 | -0.031 | -0.028 |
| 414.000 | 0.465 | 0.285 | 0.417 | 0.190 | -0.031 | -0.028 |
| 416.000 | 0.465 | 0.285 | 0.398 | 0.190 | -0.031 | -0.028 |
| 418.000 | 0.458 | 0.276 | 0.389 | 0.197 | -0.031 | -0.018 |
| 420.000 | 0.452 | 0.276 | 0.379 | 0.197 | -0.031 | -0.018 |
| 422.000 | 0.433 | 0.276 | 0.370 | 0.197 | -0.031 | -0.028 |
| 424.000 | 0.414 | 0.266 | 0.351 | 0.190 | -0.031 | -0.047 |
| 426.000 | 0.401 | 0.266 | 0.341 | 0.190 | -0.031 | -0.047 |
| 428.000 | 0.395 | 0.266 | 0.332 | 0.190 | -0.037 | -0.047 |
| 430.000 | 0.395 | 0.266 | 0.341 | 0.197 | -0.031 | -0.037 |
| 432.000 | 0.407 | 0.266 | 0.332 | 0.209 | -0.031 | 0.000 |
| 434.000 | 0.407 | 0.266 | 0.332 | 0.209 | -0.031 | 0.009 |
| 436.000 | 0.382 | 0.266 | 0.322 | 0.203 | -0.031 | -0.028 |
| 438.000 | 0.356 | 0.256 | 0.313 | 0.203 | -0.031 | -0.047 |
| 440.000 | 0.344 | 0.256 | 0.303 | 0.203 | -0.031 | -0.047 |
| 442.000 | 0.337 | 0.256 | 0.294 | 0.203 | -0.031 | -0.047 |



CHM 003 0875

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 2 PUMP ZONE: 167' - 192' IN DMW-11

WELL ID: TW-2

SE1000B
Environmental Logger
11/29 09:01

Unit# 03010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 10.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 11/24 08:20

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.00 |
| 2.0000 | 10.00 |
| 4.0000 | 10.00 |
| 6.0000 | 10.00 |
| 8.0000 | 10.00 |
| 10.0000 | 10.00 |
| 12.0000 | 10.00 |
| 14.0000 | 10.00 |
| 16.0000 | 10.00 |
| 18.0000 | 10.01 |
| 20.0000 | 10.01 |
| 22.0000 | 10.01 |
| 24.0000 | 10.01 |
| 26.0000 | 10.00 |
| 28.0000 | 10.01 |
| 30.0000 | 10.01 |
| 32.0000 | 10.01 |
| 34.0000 | 10.01 |
| 36.0000 | 10.01 |
| 38.0000 | 10.01 |
| 40.0000 | 10.01 |
| 42.0000 | 10.01 |
| 44.0000 | 10.02 |
| 46.0000 | 10.02 |
| 48.0000 | 10.02 |
| 50.0000 | 10.02 |
| 52.0000 | 10.03 |
| 54.0000 | 10.03 |
| 56.0000 | 10.03 |
| 58.0000 | 10.04 |
| 60.0000 | 10.04 |
| 62.0000 | 10.04 |
| 64.0000 | 10.04 |
| 66.0000 | 10.04 |
| 68.0000 | 10.04 |



CHM 003 0876

| Elapsed Time | Value |
|---|---|
| 70.0000 | 10.04 |
| 72.0000 | 10.05 |
| 74.0000 | 10.05 |
| 76.0000 | 10.05 |
| 78.0000 | 10.05 |
| 80.0000 | 10.05 |
| 82.0000 | 10.05 |
| 84.0000 | 10.05 |
| 86.0000 | 10.05 |
| 88.0000 | 10.05 |
| 90.0000 | 10.05 |
| 92.0000 | 10.05 |
| 94.0000 | 10.05 |
| 96.0000 | 10.05 |
| 98.0000 | 10.05 |
| 100.000 | 10.05 |
| 102.000 | 10.05 |
| 104.000 | 10.05 |
| 106.000 | 10.04 |
| 108.000 | 10.04 |
| 110.000 | 10.04 |
| 112.000 | 10.03 |
| 114.000 | 10.02 |
| 116.000 | 10.01 |
| 118.000 | 10.01 |
| 120.000 | 10.01 |
| 122.000 | 10.00 |
| 124.000 | 10.00 |
| 126.000 | 10.01 |
| 128.000 | 10.01 |
| 130.000 | 10.01 |
| 132.000 | 10.01 |
| 134.000 | 10.01 |
| 136.000 | 10.01 |
| 138.000 | 10.01 |
| 140.000 | 10.01 |
| 142.000 | 10.01 |
| 144.000 | 10.01 |
| 146.000 | 10.01 |
| 148.000 | 10.00 |
| 150.000 | 10.01 |
| 152.000 | 10.00 |
| 154.000 | 10.00 |
| 156.000 | 10.01 |
| 158.000 | 10.00 |
| 160.000 | 10.00 |
| 162.000 | 10.01 |
| 164.000 | 10.00 |
| 166.000 | 10.00 |
| 168.000 | 10.00 |
| 170.000 | 10.01 |
| 172.000 | 10.01 |
| 174.000 | 10.01 |
| 176.000 | 10.01 |



CHM 003 0877

| Elapsed Time | Value |
|---|---|
| 178.000 | 10.01 |
| 180.000 | 10.02 |
| 182.000 | 10.01 |
| 184.000 | 10.02 |
| 186.000 | 10.02 |
| 188.000 | 10.02 |
| 190.000 | 10.02 |
| 192.000 | 10.02 |
| 194.000 | 10.02 |
| 196.000 | 10.02 |
| 198.000 | 10.02 |
| 200.000 | 10.02 |
| 202.000 | 10.03 |
| 204.000 | 10.03 |
| 206.000 | 10.03 |
| 208.000 | 10.03 |
| 210.000 | 10.03 |
| 212.000 | 10.03 |
| 214.000 | 10.03 |
| 216.000 | 10.03 |
| 218.000 | 10.05 |
| 220.000 | 10.03 |
| 222.000 | 10.04 |
| 224.000 | 10.04 |
| 226.000 | 10.05 |
| 228.000 | 10.05 |
| 230.000 | 10.04 |
| 232.000 | 10.04 |
| 234.000 | 10.05 |
| 236.000 | 10.05 |
| 238.000 | 10.05 |
| 240.000 | 10.05 |
| 242.000 | 10.05 |
| 244.000 | 10.05 |
| 246.000 | 10.05 |
| 248.000 | 10.05 |
| 250.000 | 10.05 |
| 252.000 | 10.05 |
| 254.000 | 10.05 |
| 256.000 | 10.05 |
| 258.000 | 10.06 |
| 260.000 | 10.06 |
| 262.000 | 10.06 |
| 264.000 | 10.07 |
| 266.000 | 10.06 |
| 268.000 | 10.06 |
| 270.000 | 10.06 |
| 272.000 | 10.06 |
| 274.000 | 10.06 |
| 276.000 | 10.06 |
| 278.000 | 10.06 |
| 280.000 | 10.06 |
| 282.000 | 10.06 |
| 284.000 | 10.06 |



CHM 003 0878

| Elapsed Time | Value |
|---|---|
| 286.000 | 10.06 |
| 288.000 | 10.06 |
| 290.000 | 10.06 |
| 292.000 | 10.06 |
| 294.000 | 10.06 |
| 296.000 | 10.06 |
| 298.000 | 10.06 |
| 300.000 | 10.06 |
| 302.000 | 10.07 |
| 304.000 | 10.07 |
| 306.000 | 10.08 |
| 308.000 | 10.08 |
| 310.000 | 10.08 |
| 312.000 | 10.08 |
| 314.000 | 10.08 |
| 316.000 | 10.08 |
| 318.000 | 10.08 |
| 320.000 | 10.08 |
| 322.000 | 10.08 |
| 324.000 | 10.08 |
| 326.000 | 10.08 |
| 328.000 | 10.08 |
| 330.000 | 10.08 |
| 332.000 | 10.08 |
| 334.000 | 10.08 |
| 336.000 | 10.08 |
| 338.000 | 10.08 |
| 340.000 | 10.07 |
| 342.000 | 10.07 |
| 344.000 | 10.07 |
| 346.000 | 10.08 |
| 348.000 | 10.08 |
| 350.000 | 10.08 |
| 352.000 | 10.08 |
| 354.000 | 10.08 |
| 356.000 | 10.08 |
| 358.000 | 10.08 |
| 360.000 | 10.08 |
| 362.000 | 10.08 |
| 364.000 | 10.08 |
| 366.000 | 10.08 |
| 368.000 | 10.08 |
| 370.000 | 10.08 |
| 372.000 | 10.08 |
| 374.000 | 10.08 |
| 376.000 | 10.08 |
| 378.000 | 10.08 |
| 380.000 | 10.08 |
| 382.000 | 10.09 |
| 384.000 | 10.09 |
| 386.000 | 10.09 |
| 388.000 | 10.09 |
| 390.000 | 10.09 |
| 392.000 | 10.09 |



CHM 003 0879

| Elapsed Time | Value |
|---|---|
| 394.000 | 10.09 |
| 396.000 | 10.09 |
| 398.000 | 10.09 |
| 400.000 | 10.09 |
| 402.000 | 10.09 |
| 404.000 | 10.09 |
| 406.000 | 10.09 |
| 408.000 | 10.09 |
| 410.000 | 10.09 |
| 412.000 | 10.08 |
| 414.000 | 10.09 |
| 416.000 | 10.10 |
| 418.000 | 10.10 |
| 420.000 | 10.10 |
| 422.000 | 10.11 |
| 424.000 | 10.11 |
| 426.000 | 10.12 |
| 428.000 | 10.12 |
| 430.000 | 10.12 |



CHM 003 0680

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 3 PUMP ZONE: 125' - 150' IN DMW-11

WELL ID: C-9

SE1000B
Environmental Logger
11/30 08:48

Unit# 03010 Test# 0

INPUT 2: Level (F) TOC

Reference 10.00
Scale factor 29.98
Offset - 0.01

Step# 0 11/29 09:32

| Elapsed Time | Value |
|---|---|
| 0.0000 | -6.17 |
| 2.0000 | -6.16 |
| 4.0000 | -6.16 |
| 6.0000 | -6.16 |
| 8.0000 | -6.16 |
| 10.0000 | -6.16 |
| 12.0000 | -6.16 |
| 14.0000 | -6.16 |
| 16.0000 | -6.16 |
| 18.0000 | -6.16 |
| 20.0000 | -6.16 |
| 22.0000 | -6.16 |
| 24.0000 | -6.17 |
| 26.0000 | -6.18 |
| 28.0000 | -6.19 |
| 30.0000 | -6.19 |
| 32.0000 | -6.19 |
| 34.0000 | -6.19 |
| 36.0000 | -6.19 |
| 38.0000 | -6.20 |
| 40.0000 | -6.20 |
| 42.0000 | -6.20 |
| 44.0000 | -6.20 |
| 46.0000 | -6.20 |
| 48.0000 | -6.21 |
| 50.0000 | -6.21 |
| 52.0000 | -6.22 |
| 54.0000 | -6.23 |
| 56.0000 | -6.23 |
| 58.0000 | -6.24 |
| 60.0000 | -6.24 |
| 62.0000 | -6.24 |
| 64.0000 | -6.24 |
| 66.0000 | -6.24 |
| 68.0000 | -6.25 |

| Elapsed Time | Value |
|---|---|
| 70.0000 | -6.24 |
| 72.0000 | -6.25 |
| 74.0000 | -6.25 |
| 76.0000 | -6.26 |
| 78.0000 | -6.26 |
| 80.0000 | -6.26 |
| 82.0000 | -6.25 |
| 84.0000 | -6.25 |
| 86.0000 | -6.25 |
| 88.0000 | -6.26 |
| 90.0000 | -6.26 |
| 92.0000 | -6.25 |
| 94.0000 | -6.26 |
| 96.0000 | -6.25 |
| 98.0000 | -6.25 |
| 100.000 | -6.25 |
| 102.000 | -6.25 |
| 104.000 | -6.24 |
| 106.000 | -6.24 |
| 108.000 | -6.23 |
| 110.000 | -6.23 |
| 112.000 | -6.23 |
| 114.000 | -6.23 |
| 116.000 | -6.22 |
| 118.000 | -6.22 |
| 120.000 | -6.22 |
| 122.000 | -6.22 |
| 124.000 | -6.22 |
| 126.000 | -6.21 |
| 128.000 | -6.22 |
| 130.000 | -6.22 |
| 132.000 | -6.22 |
| 134.000 | -6.22 |
| 136.000 | -6.22 |
| 138.000 | -6.21 |
| 140.000 | -6.21 |
| 142.000 | -6.21 |
| 144.000 | -6.21 |
| 146.000 | -6.21 |
| 148.000 | -6.21 |
| 150.000 | -6.21 |
| 152.000 | -6.21 |
| 154.000 | -6.21 |
| 156.000 | -6.21 |
| 158.000 | -6.21 |
| 160.000 | -6.21 |
| 162.000 | -6.21 |
| 164.000 | -6.21 |
| 166.000 | -6.21 |
| 168.000 | -6.21 |
| 170.000 | -6.21 |
| 172.000 | -6.21 |
| 174.000 | -6.21 |
| 176.000 | -6.21 |



CHM 003 0882

| Elapsed Time | Value |
|---|---|
| 178.000 | -6.21 |
| 180.000 | -6.21 |
| 182.000 | -6.21 |
| 184.000 | -6.21 |
| 186.000 | -6.21 |
| 188.000 | -6.21 |
| 190.000 | -6.21 |
| 192.000 | -6.21 |
| 194.000 | -6.21 |
| 196.000 | -6.22 |
| 198.000 | -6.22 |
| 200.000 | -6.22 |
| 202.000 | -6.22 |
| 204.000 | -6.22 |
| 206.000 | -6.22 |
| 208.000 | -6.22 |
| 210.000 | -6.22 |
| 212.000 | -6.22 |
| 214.000 | -6.22 |
| 216.000 | -6.22 |
| 218.000 | -6.22 |
| 220.000 | -6.22 |
| 222.000 | -6.22 |
| 224.000 | -6.22 |
| 226.000 | -6.22 |
| 228.000 | -6.22 |
| 230.000 | -6.22 |
| 232.000 | -6.23 |
| 234.000 | -6.22 |
| 236.000 | -6.22 |
| 238.000 | -6.22 |
| 240.000 | -6.22 |
| 242.000 | -6.22 |
| 244.000 | -6.22 |
| 246.000 | -6.21 |
| 248.000 | -6.20 |
| 250.000 | -6.19 |
| 252.000 | -6.19 |
| 254.000 | -6.19 |
| 256.000 | -6.19 |
| 258.000 | -6.19 |
| 260.000 | -6.19 |
| 262.000 | -6.19 |
| 264.000 | -6.20 |
| 266.000 | -6.20 |
| 268.000 | -6.20 |
| 270.000 | -6.20 |
| 272.000 | -6.20 |
| 274.000 | -6.20 |
| 276.000 | -6.20 |
| 278.000 | -6.20 |
| 280.000 | -6.21 |
| 282.000 | -6.20 |
| 284.000 | -6.21 |



CHM 003 0883

| Elapsed Time | Value |
|---|---|
| 394.000 | -6.16 |
| 396.000 | -6.16 |
| 398.000 | -6.16 |
| 400.000 | -6.16 |
| 402.000 | -6.16 |
| 404.000 | -6.16 |
| 406.000 | -6.16 |
| 408.000 | -6.16 |
| 410.000 | -6.16 |
| 412.000 | -6.16 |
| 414.000 | -6.16 |
| 416.000 | -6.16 |
| 418.000 | -6.16 |
| 420.000 | -6.16 |
| 422.000 | -6.16 |
| 424.000 | -6.16 |
| 426.000 | -6.16 |
| 428.000 | -6.16 |
| 430.000 | -6.16 |
| 432.000 | -6.16 |
| 434.000 | -6.16 |
| 436.000 | -6.16 |
| 438.000 | -6.16 |
| 440.000 | -6.16 |
| 442.000 | -6.16 |
| 444.000 | -6.16 |
| 446.000 | -6.16 |
| 448.000 | -6.16 |
| 450.000 | -6.16 |
| 452.000 | -6.16 |
| 454.000 | -6.17 |
| 456.000 | -6.16 |
| 458.000 | -6.16 |
| 460.000 | -6.16 |
| 462.000 | -6.16 |
| 464.000 | -6.16 |
| 466.000 | -6.16 |
| 468.000 | -6.16 |
| 470.000 | -6.16 |
| 472.000 | -6.16 |
| 474.000 | -6.16 |
| 476.000 | -6.16 |
| 478.000 | -6.16 |
| 480.000 | -6.16 |
| 482.000 | -6.16 |
| 484.000 | -6.16 |
| 486.000 | -6.16 |
| 488.000 | -6.16 |
| 490.000 | -6.16 |
| 492.000 | -6.16 |
| 494.000 | -6.16 |
| 496.000 | -6.16 |
| 498.000 | -6.16 |
| 500.000 | -6.16 |



CHM 003 0884

| Elapsed Time | Value |
|---|---|
| 502.000 | -6.16 |
| 504.000 | -6.16 |
| 506.000 | -6.16 |
| 508.000 | -6.16 |
| 510.000 | -6.16 |
| 512.000 | -6.16 |
| 514.000 | -6.15 |
| 516.000 | -6.16 |
| 518.000 | -6.16 |
| 520.000 | -6.15 |
| 522.000 | -6.16 |
| 524.000 | -6.15 |
| 526.000 | -6.15 |
| 528.000 | -6.15 |
| 530.000 | -6.15 |
| 532.000 | -6.15 |
| 534.000 | -6.16 |
| 536.000 | -6.15 |
| 538.000 | -6.15 |
| 540.000 | -6.15 |
| 542.000 | -6.15 |
| 544.000 | -6.15 |
| 546.000 | -6.15 |
| 548.000 | -6.15 |
| 550.000 | -6.15 |
| 552.000 | -6.15 |
| 554.000 | -6.15 |
| 556.000 | -6.15 |
| 558.000 | -6.15 |
| 560.000 | -6.15 |
| 562.000 | -6.15 |
| 564.000 | -6.15 |
| 566.000 | -6.15 |
| 568.000 | -6.15 |
| 570.000 | -6.15 |
| 572.000 | -6.15 |
| 574.000 | -6.15 |
| 576.000 | -6.15 |
| 578.000 | -6.15 |
| 580.000 | -6.15 |
| 582.000 | -6.15 |
| 584.000 | -6.15 |
| 586.000 | -6.15 |
| 588.000 | -6.14 |
| 590.000 | -6.14 |
| 592.000 | -6.14 |
| 594.000 | -6.14 |
| 596.000 | -6.14 |
| 598.000 | -6.14 |
| 600.000 | -6.15 |
| 602.000 | -6.14 |
| 604.000 | -6.14 |
| 606.000 | -6.14 |
| 608.000 | -6.14 |



CHM 065 0885

| Elapsed Time | Value |
|---|---|
| 610.000 | -6.14 |
| 612.000 | -6.14 |
| 614.000 | -6.14 |
| 616.000 | -6.14 |
| 618.000 | -6.14 |
| 620.000 | -6.14 |
| 622.000 | -6.14 |
| 624.000 | -6.14 |
| 626.000 | -6.14 |
| 628.000 | -6.14 |
| 630.000 | -6.14 |
| 632.000 | -6.14 |
| 634.000 | -6.14 |
| 636.000 | -6.14 |
| 638.000 | -6.14 |
| 640.000 | -6.14 |
| 642.000 | -6.14 |
| 644.000 | -6.13 |
| 646.000 | -6.14 |
| 648.000 | -6.14 |
| 650.000 | -6.13 |
| 652.000 | -6.13 |
| 654.000 | -6.13 |
| 656.000 | -6.13 |
| 658.000 | -6.12 |
| 660.000 | -6.12 |
| 662.000 | -6.12 |
| 664.000 | -6.12 |
| 666.000 | -6.12 |
| 668.000 | -6.12 |
| 670.000 | -6.12 |
| 672.000 | -6.12 |
| 674.000 | -6.12 |
| 676.000 | -6.12 |
| 678.000 | -6.11 |
| 680.000 | -6.12 |
| 682.000 | -6.12 |
| 684.000 | -6.12 |
| 686.000 | -6.12 |
| 688.000 | -6.12 |
| 690.000 | -6.12 |
| 692.000 | -6.12 |
| 694.000 | -6.12 |
| 696.000 | -6.12 |
| 698.000 | -6.12 |
| 700.000 | -6.12 |
| 702.000 | -6.12 |
| 704.000 | -6.12 |
| 706.000 | -6.12 |
| 708.000 | -6.12 |
| 710.000 | -6.12 |
| 712.000 | -6.12 |
| 714.000 | -6.12 |
| 716.000 | -6.12 |



CHM 003 0886

| Elapsed Time | Value |
|---|---|
| 718.000 | -6.12 |
| 720.000 | -6.12 |
| 722.000 | -6.12 |
| 724.000 | -6.12 |
| 726.000 | -6.12 |
| 728.000 | -6.12 |
| 730.000 | -6.12 |
| 732.000 | -6.11 |
| 734.000 | -6.11 |
| 736.000 | -6.12 |
| 738.000 | -6.12 |
| 740.000 | -6.11 |
| 742.000 | -6.12 |
| 744.000 | -6.11 |
| 746.000 | -6.11 |
| 748.000 | -6.11 |
| 750.000 | -6.12 |
| 752.000 | -6.12 |
| 754.000 | -6.11 |
| 756.000 | -6.11 |
| 758.000 | -6.11 |
| 760.000 | -6.11 |
| 762.000 | -6.11 |
| 764.000 | -6.11 |
| 766.000 | -6.11 |
| 768.000 | -6.11 |
| 770.000 | -6.11 |
| 772.000 | -6.11 |
| 774.000 | -6.11 |
| 776.000 | -6.11 |
| 778.000 | -6.11 |
| 780.000 | -6.11 |
| 782.000 | -6.11 |
| 784.000 | -6.11 |
| 786.000 | -6.11 |
| 788.000 | -6.11 |
| 790.000 | -6.11 |
| 792.000 | -6.11 |
| 794.000 | -6.11 |
| 796.000 | -6.11 |
| 798.000 | -6.11 |
| 800.000 | -6.11 |
| 802.000 | -6.11 |
| 804.000 | -6.11 |
| 806.000 | -6.11 |
| 808.000 | -6.11 |
| 810.000 | -6.11 |
| 812.000 | -6.11 |
| 814.000 | -6.11 |
| 816.000 | -6.11 |
| 818.000 | -6.11 |
| 820.000 | -6.11 |
| 822.000 | -6.11 |
| 824.000 | -6.11 |



CHM 003 0887

| Elapsed Time | Value |
|---|---|
| 826.000 | -6.11 |
| 828.000 | -6.11 |
| 830.000 | -6.11 |
| 832.000 | -6.11 |
| 834.000 | -6.11 |
| 836.000 | -6.11 |
| 838.000 | -6.11 |
| 840.000 | -6.11 |
| 842.000 | -6.11 |
| 844.000 | -6.11 |
| 846.000 | -6.11 |
| 848.000 | -6.11 |
| 850.000 | -6.11 |
| 852.000 | -6.11 |
| 854.000 | -6.11 |
| 856.000 | -6.11 |
| 858.000 | -6.11 |
| 860.000 | -6.11 |
| 862.000 | -6.11 |
| 864.000 | -6.11 |
| 866.000 | -6.11 |
| 868.000 | -6.11 |
| 870.000 | -6.11 |
| 872.000 | -6.11 |
| 874.000 | -6.11 |
| 876.000 | -6.11 |
| 878.000 | -6.11 |
| 880.000 | -6.11 |
| 882.000 | -6.11 |
| 884.000 | -6.11 |
| 886.000 | -6.11 |
| 888.000 | -6.11 |
| 890.000 | -6.11 |
| 892.000 | -6.11 |
| 894.000 | -6.11 |
| 896.000 | -6.11 |
| 898.000 | -6.11 |
| 900.000 | -6.11 |
| 902.000 | -6.11 |
| 904.000 | -6.11 |
| 906.000 | -6.11 |
| 908.000 | -6.11 |
| 910.000 | -6.11 |
| 912.000 | -6.11 |
| 914.000 | -6.11 |
| 916.000 | -6.11 |
| 918.000 | -6.12 |
| 920.000 | -6.12 |
| 922.000 | -6.12 |
| 924.000 | -6.12 |
| 926.000 | -6.12 |
| 928.000 | -6.12 |
| 930.000 | -6.12 |
| 932.000 | -6.12 |



CHM 003 0888

| Elapsed Time | Value |
|---|---|
| 934.000 | -6.12 |
| 936.000 | -6.12 |
| 938.000 | -6.12 |
| 940.000 | -6.12 |
| 942.000 | -6.12 |
| 944.000 | -6.12 |
| 946.000 | -6.12 |
| 948.000 | -6.12 |
| 950.000 | -6.12 |
| 952.000 | -6.12 |
| 954.000 | -6.12 |
| 956.000 | -6.12 |
| 958.000 | -6.12 |
| 960.000 | -6.12 |
| 962.000 | -6.12 |
| 964.000 | -6.12 |
| 966.000 | -6.12 |
| 968.000 | -6.12 |
| 970.000 | -6.12 |
| 972.000 | -6.12 |
| 974.000 | -6.12 |
| 976.000 | -6.12 |
| 978.000 | -6.12 |
| 980.000 | -6.12 |
| 982.000 | -6.12 |
| 984.000 | -6.13 |
| 986.000 | -6.13 |
| 988.000 | -6.12 |
| 990.000 | -6.12 |
| 992.000 | -6.13 |
| 994.000 | -6.12 |
| 996.000 | -6.12 |
| 998.000 | -6.12 |
| 1000.00 | -6.13 |
| 1002.00 | -6.13 |
| 1004.00 | -6.13 |
| 1006.00 | -6.13 |
| 1008.00 | -6.13 |
| 1010.00 | -6.13 |
| 1012.00 | -6.13 |
| 1014.00 | -6.13 |
| 1016.00 | -6.13 |
| 1018.00 | -6.13 |
| 1020.00 | -6.13 |
| 1022.00 | -6.13 |
| 1024.00 | -6.14 |
| 1026.00 | -6.14 |
| 1028.00 | -6.14 |
| 1030.00 | -6.14 |
| 1032.00 | -6.14 |
| 1034.00 | -6.14 |
| 1036.00 | -6.14 |
| 1038.00 | -6.14 |
| 1040.00 | -6.14 |



CHM 003 0889

| Elapsed Time | Value |
|---|---|
| 1042.00 | -6.14 |
| 1044.00 | -6.14 |
| 1046.00 | -6.14 |
| 1048.00 | -6.14 |
| 1050.00 | -6.14 |
| 1052.00 | -6.14 |
| 1054.00 | -6.14 |
| 1056.00 | -6.14 |
| 1058.00 | -6.15 |
| 1060.00 | -6.15 |
| 1062.00 | -6.15 |
| 1064.00 | -6.15 |
| 1066.00 | -6.15 |
| 1068.00 | -6.15 |
| 1070.00 | -6.15 |
| 1072.00 | -6.15 |
| 1074.00 | -6.15 |
| 1076.00 | -6.15 |
| 1078.00 | -6.15 |
| 1080.00 | -6.15 |
| 1082.00 | -6.15 |
| 1084.00 | -6.15 |
| 1086.00 | -6.15 |
| 1088.00 | -6.15 |
| 1090.00 | -6.15 |
| 1092.00 | -6.15 |
| 1094.00 | -6.15 |
| 1096.00 | -6.15 |
| 1098.00 | -6.15 |
| 1100.00 | -6.15 |
| 1102.00 | -6.16 |
| 1104.00 | -6.16 |
| 1106.00 | -6.16 |
| 1108.00 | -6.16 |
| 1110.00 | -6.16 |
| 1112.00 | -6.16 |
| 1114.00 | -6.16 |
| 1116.00 | -6.16 |
| 1118.00 | -6.16 |
| 1120.00 | -6.16 |
| 1122.00 | -6.16 |
| 1124.00 | -6.16 |
| 1126.00 | -6.16 |
| 1128.00 | -6.16 |
| 1130.00 | -6.16 |
| 1132.00 | -6.16 |
| 1134.00 | -6.16 |
| 1136.00 | -6.16 |
| 1138.00 | -6.16 |
| 1140.00 | -6.16 |
| 1142.00 | -6.16 |
| 1144.00 | -6.16 |
| 1146.00 | -6.16 |
| 1148.00 | -6.17 |



CHM 003 0890

| Elapsed Time | Value |
|---|---|
| 1150.00 | -6.16 |
| 1152.00 | -6.16 |
| 1154.00 | -6.17 |
| 1156.00 | -6.17 |
| 1158.00 | -6.17 |
| 1160.00 | -6.17 |
| 1162.00 | -6.17 |
| 1164.00 | -6.17 |
| 1166.00 | -6.17 |
| 1168.00 | -6.17 |
| 1170.00 | -6.17 |
| 1172.00 | -6.17 |
| 1174.00 | -6.17 |
| 1176.00 | -6.17 |
| 1178.00 | -6.17 |
| 1180.00 | -6.17 |
| 1182.00 | -6.17 |
| 1184.00 | -6.17 |
| 1186.00 | -6.17 |
| 1188.00 | -6.17 |
| 1190.00 | -6.17 |
| 1192.00 | -6.17 |
| 1194.00 | -6.17 |
| 1196.00 | -6.17 |
| 1198.00 | -6.17 |
| 1200.00 | -6.17 |
| 1202.00 | -6.17 |
| 1204.00 | -6.17 |
| 1206.00 | -6.17 |
| 1208.00 | -6.17 |
| 1210.00 | -6.17 |
| 1212.00 | -6.17 |
| 1214.00 | -6.17 |
| 1216.00 | -6.17 |
| 1218.00 | -6.17 |
| 1220.00 | -6.17 |
| 1222.00 | -6.17 |
| 1224.00 | -6.17 |
| 1226.00 | -6.17 |
| 1228.00 | -6.17 |
| 1230.00 | -6.17 |
| 1232.00 | -6.17 |
| 1234.00 | -6.17 |
| 1236.00 | -6.17 |
| 1238.00 | -6.17 |
| 1240.00 | -6.17 |
| 1242.00 | -6.17 |
| 1244.00 | -6.17 |
| 1246.00 | -6.17 |
| 1248.00 | -6.17 |
| 1250.00 | -6.17 |
| 1252.00 | -6.17 |
| 1254.00 | -6.17 |
| 1256.00 | -6.17 |



CHM 003 0891

| Elapsed Time | Value |
|---|---|
| 1258.00 | -6.17 |
| 1260.00 | -6.16 |
| 1262.00 | -6.16 |
| 1264.00 | -6.16 |
| 1266.00 | -6.16 |
| 1268.00 | -6.16 |
| 1270.00 | -6.16 |
| 1272.00 | -6.16 |
| 1274.00 | -6.16 |
| 1276.00 | -6.16 |
| 1278.00 | -6.16 |
| 1280.00 | -6.16 |
| 1282.00 | -6.16 |
| 1284.00 | -6.16 |
| 1286.00 | -6.16 |
| 1288.00 | -6.16 |
| 1290.00 | -6.16 |
| 1292.00 | -6.15 |
| 1294.00 | -6.15 |
| 1296.00 | -6.15 |
| 1298.00 | -6.15 |



CHM 003 0892

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 3 PUMP ZONE: 125' - 150' IN DMW-11

WELL ID: DMW-1

SE1000B
Environmental Logger
11/30 08:47

Unit# 01010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 20.05 |
| Offset | - 0.04 |

Step# 0 11/29 09:46

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.00 |
| 26.0000 | 0.00 |
| 28.0000 | 0.00 |
| 30.0000 | 0.00 |
| 32.0000 | 0.00 |
| 34.0000 | 0.00 |
| 36.0000 | 0.00 |
| 38.0000 | 0.00 |
| 40.0000 | 0.00 |
| 42.0000 | 0.00 |
| 44.0000 | 0.01 |
| 46.0000 | 0.01 |
| 48.0000 | 0.01 |
| 50.0000 | 0.01 |
| 52.0000 | 0.01 |
| 54.0000 | 0.01 |
| 56.0000 | 0.02 |
| 58.0000 | 0.01 |
| 60.0000 | 0.02 |
| 62.0000 | 0.02 |
| 64.0000 | 0.03 |
| 66.0000 | 0.03 |
| 68.0000 | 0.03 |



CHM 003 0893

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.03 |
| 72.0000 | 0.03 |
| 74.0000 | 0.03 |
| 76.0000 | 0.04 |
| 78.0000 | 0.04 |
| 80.0000 | 0.05 |
| 82.0000 | 0.05 |
| 84.0000 | 0.05 |
| 86.0000 | 0.05 |
| 88.0000 | 0.05 |
| 90.0000 | 0.05 |
| 92.0000 | 0.06 |
| 94.0000 | 0.06 |
| 96.0000 | 0.06 |
| 98.0000 | 0.07 |
| 100.000 | 0.08 |
| 102.000 | 0.08 |
| 104.000 | 0.09 |
| 106.000 | 0.09 |
| 108.000 | 0.10 |
| 110.000 | 0.10 |
| 112.000 | 0.10 |
| 114.000 | 0.10 |
| 116.000 | 0.11 |
| 118.000 | 0.12 |
| 120.000 | 0.12 |
| 122.000 | 0.12 |
| 124.000 | 0.12 |
| 126.000 | 0.13 |
| 128.000 | 0.14 |
| 130.000 | 0.13 |
| 132.000 | 0.15 |
| 134.000 | 0.15 |
| 136.000 | 0.15 |
| 138.000 | 0.15 |
| 140.000 | 0.16 |
| 142.000 | 0.17 |
| 144.000 | 0.17 |
| 146.000 | 0.17 |
| 148.000 | 0.17 |
| 150.000 | 0.17 |
| 152.000 | 0.17 |
| 154.000 | 0.19 |
| 156.000 | 0.19 |
| 158.000 | 0.19 |
| 160.000 | 0.19 |
| 162.000 | 0.19 |
| 164.000 | 0.20 |
| 166.000 | 0.20 |
| 168.000 | 0.20 |
| 170.000 | 0.21 |
| 172.000 | 0.21 |
| 174.000 | 0.21 |
| 176.000 | 0.22 |



CHM 003 0894

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.22 |
| 180.000 | 0.22 |
| 182.000 | 0.22 |
| 184.000 | 0.22 |
| 186.000 | 0.22 |
| 188.000 | 0.23 |
| 190.000 | 0.22 |
| 192.000 | 0.23 |
| 194.000 | 0.23 |
| 196.000 | 0.23 |
| 198.000 | 0.24 |
| 200.000 | 0.24 |
| 202.000 | 0.24 |
| 204.000 | 0.24 |
| 206.000 | 0.25 |
| 208.000 | 0.25 |
| 210.000 | 0.25 |
| 212.000 | 0.25 |
| 214.000 | 0.26 |
| 216.000 | 0.25 |
| 218.000 | 0.25 |
| 220.000 | 0.26 |
| 222.000 | 0.26 |
| 224.000 | 0.26 |
| 226.000 | 0.26 |
| 228.000 | 0.26 |
| 230.000 | 0.26 |
| 232.000 | 0.27 |
| 234.000 | 0.27 |
| 236.000 | 0.27 |
| 238.000 | 0.27 |
| 240.000 | 0.27 |
| 242.000 | 0.28 |
| 244.000 | 0.28 |
| 246.000 | 0.28 |
| 248.000 | 0.28 |
| 250.000 | 0.28 |
| 252.000 | 0.29 |
| 254.000 | 0.29 |
| 256.000 | 0.29 |
| 258.000 | 0.29 |
| 260.000 | 0.29 |
| 262.000 | 0.29 |
| 264.000 | 0.29 |
| 266.000 | 0.29 |
| 268.000 | 0.29 |
| 270.000 | 0.29 |
| 272.000 | 0.29 |
| 274.000 | 0.29 |
| 276.000 | 0.29 |
| 278.000 | 0.30 |
| 280.000 | 0.31 |
| 282.000 | 0.30 |
| 284.000 | 0.30 |



CHM 003 0895

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.30 |
| 288.000 | 0.31 |
| 290.000 | 0.31 |
| 292.000 | 0.31 |
| 294.000 | 0.31 |
| 296.000 | 0.31 |
| 298.000 | 0.31 |
| 300.000 | 0.31 |
| 302.000 | 0.31 |
| 304.000 | 0.31 |
| 306.000 | 0.31 |
| 308.000 | 0.31 |
| 310.000 | 0.31 |
| 312.000 | 0.31 |
| 314.000 | 0.31 |
| 316.000 | 0.31 |
| 318.000 | 0.31 |
| 320.000 | 0.31 |
| 322.000 | 0.31 |
| 324.000 | 0.30 |
| 326.000 | 0.30 |
| 328.000 | 0.30 |
| 330.000 | 0.29 |
| 332.000 | 0.29 |
| 334.000 | 0.29 |
| 336.000 | 0.29 |
| 338.000 | 0.29 |
| 340.000 | 0.28 |
| 342.000 | 0.28 |
| 344.000 | 0.27 |
| 346.000 | 0.27 |
| 348.000 | 0.27 |
| 350.000 | 0.27 |
| 352.000 | 0.26 |
| 354.000 | 0.26 |
| 356.000 | 0.26 |
| 358.000 | 0.26 |
| 360.000 | 0.26 |
| 362.000 | 0.25 |
| 364.000 | 0.25 |
| 366.000 | 0.25 |
| 368.000 | 0.24 |
| 370.000 | 0.24 |
| 372.000 | 0.24 |
| 374.000 | 0.24 |
| 376.000 | 0.24 |
| 378.000 | 0.23 |
| 380.000 | 0.23 |
| 382.000 | 0.23 |
| 384.000 | 0.22 |
| 386.000 | 0.22 |
| 388.000 | 0.22 |
| 390.000 | 0.22 |
| 392.000 | 0.22 |



CHM 003 0896

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.22 |
| 396.000 | 0.22 |
| 398.000 | 0.21 |
| 400.000 | 0.21 |
| 402.000 | 0.21 |
| 404.000 | 0.21 |
| 406.000 | 0.20 |
| 408.000 | 0.20 |
| 410.000 | 0.20 |
| 412.000 | 0.20 |
| 414.000 | 0.20 |
| 416.000 | 0.20 |
| 418.000 | 0.20 |
| 420.000 | 0.20 |
| 422.000 | 0.20 |
| 424.000 | 0.20 |
| 426.000 | 0.20 |
| 428.000 | 0.20 |
| 430.000 | 0.19 |
| 432.000 | 0.19 |
| 434.000 | 0.19 |
| 436.000 | 0.20 |
| 438.000 | 0.19 |
| 440.000 | 0.19 |
| 442.000 | 0.19 |
| 444.000 | 0.19 |
| 446.000 | 0.19 |
| 448.000 | 0.19 |
| 450.000 | 0.19 |
| 452.000 | 0.19 |
| 454.000 | 0.19 |
| 456.000 | 0.19 |
| 458.000 | 0.19 |
| 460.000 | 0.19 |
| 462.000 | 0.19 |
| 464.000 | 0.19 |
| 466.000 | 0.19 |
| 468.000 | 0.19 |
| 470.000 | 0.19 |
| 472.000 | 0.19 |
| 474.000 | 0.19 |
| 476.000 | 0.19 |
| 478.000 | 0.19 |
| 480.000 | 0.19 |
| 482.000 | 0.19 |
| 484.000 | 0.19 |
| 486.000 | 0.19 |
| 488.000 | 0.19 |
| 490.000 | 0.19 |
| 492.000 | 0.19 |
| 494.000 | 0.19 |
| 496.000 | 0.19 |
| 498.000 | 0.19 |
| 500.000 | 0.19 |



CHM 003 0897

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.19 |
| 504.000 | 0.19 |
| 506.000 | 0.19 |
| 508.000 | 0.19 |
| 510.000 | 0.19 |
| 512.000 | 0.19 |
| 514.000 | 0.19 |
| 516.000 | 0.19 |
| 518.000 | 0.19 |
| 520.000 | 0.19 |
| 522.000 | 0.19 |
| 524.000 | 0.19 |
| 526.000 | 0.19 |
| 528.000 | 0.19 |
| 530.000 | 0.19 |
| 532.000 | 0.19 |
| 534.000 | 0.19 |
| 536.000 | 0.19 |
| 538.000 | 0.19 |
| 540.000 | 0.19 |
| 542.000 | 0.19 |
| 544.000 | 0.19 |
| 546.000 | 0.19 |
| 548.000 | 0.19 |
| 550.000 | 0.19 |
| 552.000 | 0.19 |
| 554.000 | 0.19 |
| 556.000 | 0.19 |
| 558.000 | 0.19 |
| 560.000 | 0.19 |
| 562.000 | 0.19 |
| 564.000 | 0.19 |
| 566.000 | 0.19 |
| 568.000 | 0.19 |
| 570.000 | 0.19 |
| 572.000 | 0.19 |
| 574.000 | 0.19 |
| 576.000 | 0.19 |
| 578.000 | 0.19 |
| 580.000 | 0.19 |
| 582.000 | 0.19 |
| 584.000 | 0.19 |
| 586.000 | 0.19 |
| 588.000 | 0.19 |
| 590.000 | 0.19 |
| 592.000 | 0.19 |
| 594.000 | 0.19 |
| 596.000 | 0.19 |
| 598.000 | 0.19 |
| 600.000 | 0.19 |
| 602.000 | 0.20 |
| 604.000 | 0.20 |
| 606.000 | 0.20 |
| 608.000 | 0.20 |



CHM 003 0898

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.20 |
| 612.000 | 0.20 |
| 614.000 | 0.20 |
| 616.000 | 0.20 |
| 618.000 | 0.20 |
| 620.000 | 0.20 |
| 622.000 | 0.20 |
| 624.000 | 0.20 |
| 626.000 | 0.20 |
| 628.000 | 0.20 |
| 630.000 | 0.20 |
| 632.000 | 0.20 |
| 634.000 | 0.20 |
| 636.000 | 0.20 |
| 638.000 | 0.20 |
| 640.000 | 0.20 |
| 642.000 | 0.20 |
| 644.000 | 0.20 |
| 646.000 | 0.20 |
| 648.000 | 0.20 |
| 650.000 | 0.20 |
| 652.000 | 0.20 |
| 654.000 | 0.20 |
| 656.000 | 0.20 |
| 658.000 | 0.20 |
| 660.000 | 0.20 |
| 662.000 | 0.20 |
| 664.000 | 0.20 |
| 666.000 | 0.20 |
| 668.000 | 0.20 |
| 670.000 | 0.20 |
| 672.000 | 0.21 |
| 674.000 | 0.20 |
| 676.000 | 0.21 |
| 678.000 | 0.21 |
| 680.000 | 0.21 |
| 682.000 | 0.21 |
| 684.000 | 0.21 |
| 686.000 | 0.21 |
| 688.000 | 0.21 |
| 690.000 | 0.21 |
| 692.000 | 0.21 |
| 694.000 | 0.21 |
| 696.000 | 0.21 |
| 698.000 | 0.21 |
| 700.000 | 0.21 |
| 702.000 | 0.21 |
| 704.000 | 0.21 |
| 706.000 | 0.21 |
| 708.000 | 0.22 |
| 710.000 | 0.22 |
| 712.000 | 0.22 |
| 714.000 | 0.22 |
| 716.000 | 0.22 |



CHM 003 0899

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.22 |
| 720.000 | 0.22 |
| 722.000 | 0.22 |
| 724.000 | 0.22 |
| 726.000 | 0.22 |
| 728.000 | 0.22 |
| 730.000 | 0.22 |
| 732.000 | 0.22 |
| 734.000 | 0.22 |
| 736.000 | 0.22 |
| 738.000 | 0.22 |
| 740.000 | 0.22 |
| 742.000 | 0.22 |
| 744.000 | 0.22 |
| 746.000 | 0.22 |
| 748.000 | 0.22 |
| 750.000 | 0.22 |
| 752.000 | 0.22 |
| 754.000 | 0.22 |
| 756.000 | 0.22 |
| 758.000 | 0.22 |
| 760.000 | 0.22 |
| 762.000 | 0.22 |
| 764.000 | 0.22 |
| 766.000 | 0.22 |
| 768.000 | 0.23 |
| 770.000 | 0.22 |
| 772.000 | 0.22 |
| 774.000 | 0.22 |
| 776.000 | 0.22 |
| 778.000 | 0.22 |
| 780.000 | 0.22 |
| 782.000 | 0.23 |
| 784.000 | 0.22 |
| 786.000 | 0.22 |
| 788.000 | 0.22 |
| 790.000 | 0.22 |
| 792.000 | 0.22 |
| 794.000 | 0.22 |
| 796.000 | 0.22 |
| 798.000 | 0.22 |
| 800.000 | 0.22 |
| 802.000 | 0.22 |
| 804.000 | 0.22 |
| 806.000 | 0.23 |
| 808.000 | 0.22 |
| 810.000 | 0.23 |
| 812.000 | 0.22 |
| 814.000 | 0.22 |
| 816.000 | 0.23 |
| 818.000 | 0.23 |
| 820.000 | 0.22 |
| 822.000 | 0.23 |
| 824.000 | 0.22 |



CHM 003 0900

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.22 |
| 828.000 | 0.23 |
| 830.000 | 0.22 |
| 832.000 | 0.23 |
| 834.000 | 0.22 |
| 836.000 | 0.22 |
| 838.000 | 0.23 |
| 840.000 | 0.23 |
| 842.000 | 0.22 |
| 844.000 | 0.23 |
| 846.000 | 0.23 |
| 848.000 | 0.23 |
| 850.000 | 0.23 |
| 852.000 | 0.23 |
| 854.000 | 0.23 |
| 856.000 | 0.22 |
| 858.000 | 0.23 |
| 860.000 | 0.22 |
| 862.000 | 0.22 |
| 864.000 | 0.23 |
| 866.000 | 0.22 |
| 868.000 | 0.22 |
| 870.000 | 0.22 |
| 872.000 | 0.22 |
| 874.000 | 0.22 |
| 876.000 | 0.22 |
| 878.000 | 0.22 |
| 880.000 | 0.22 |
| 882.000 | 0.22 |
| 884.000 | 0.22 |
| 886.000 | 0.22 |
| 888.000 | 0.22 |
| 890.000 | 0.22 |
| 892.000 | 0.22 |
| 894.000 | 0.22 |
| 896.000 | 0.22 |
| 898.000 | 0.22 |
| 900.000 | 0.22 |
| 902.000 | 0.22 |
| 904.000 | 0.22 |
| 906.000 | 0.22 |
| 908.000 | 0.22 |
| 910.000 | 0.22 |
| 912.000 | 0.22 |
| 914.000 | 0.22 |
| 916.000 | 0.22 |
| 918.000 | 0.22 |
| 920.000 | 0.22 |
| 922.000 | 0.22 |
| 924.000 | 0.22 |
| 926.000 | 0.22 |
| 928.000 | 0.22 |
| 930.000 | 0.21 |
| 932.000 | 0.22 |



CHM 003 0901

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.22 |
| 936.000 | 0.21 |
| 938.000 | 0.21 |
| 940.000 | 0.21 |
| 942.000 | 0.21 |
| 944.000 | 0.21 |
| 946.000 | 0.21 |
| 948.000 | 0.21 |
| 950.000 | 0.21 |
| 952.000 | 0.21 |
| 954.000 | 0.21 |
| 956.000 | 0.21 |
| 958.000 | 0.21 |
| 960.000 | 0.21 |
| 962.000 | 0.21 |
| 964.000 | 0.21 |
| 966.000 | 0.21 |
| 968.000 | 0.20 |
| 970.000 | 0.21 |
| 972.000 | 0.20 |
| 974.000 | 0.20 |
| 976.000 | 0.20 |
| 978.000 | 0.20 |
| 980.000 | 0.20 |
| 982.000 | 0.20 |
| 984.000 | 0.20 |
| 986.000 | 0.20 |
| 988.000 | 0.20 |
| 990.000 | 0.20 |
| 992.000 | 0.20 |
| 994.000 | 0.20 |
| 996.000 | 0.20 |
| 998.000 | 0.20 |
| 1000.00 | 0.20 |
| 1002.00 | 0.20 |
| 1004.00 | 0.20 |
| 1006.00 | 0.20 |
| 1008.00 | 0.20 |
| 1010.00 | 0.19 |
| 1012.00 | 0.19 |
| 1014.00 | 0.19 |
| 1016.00 | 0.19 |
| 1018.00 | 0.19 |
| 1020.00 | 0.19 |
| 1022.00 | 0.19 |
| 1024.00 | 0.19 |
| 1026.00 | 0.19 |
| 1028.00 | 0.19 |
| 1030.00 | 0.19 |
| 1032.00 | 0.19 |
| 1034.00 | 0.19 |
| 1036.00 | 0.19 |
| 1038.00 | 0.19 |
| 1040.00 | 0.19 |

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.19 |
| 1044.00 | 0.19 |
| 1046.00 | 0.19 |
| 1048.00 | 0.19 |
| 1050.00 | 0.18 |
| 1052.00 | 0.18 |
| 1054.00 | 0.18 |
| 1056.00 | 0.18 |
| 1058.00 | 0.18 |
| 1060.00 | 0.18 |
| 1062.00 | 0.18 |
| 1064.00 | 0.18 |
| 1066.00 | 0.18 |
| 1068.00 | 0.18 |
| 1070.00 | 0.18 |
| 1072.00 | 0.17 |
| 1074.00 | 0.17 |
| 1076.00 | 0.17 |
| 1078.00 | 0.17 |
| 1080.00 | 0.17 |
| 1082.00 | 0.17 |
| 1084.00 | 0.17 |
| 1086.00 | 0.17 |
| 1088.00 | 0.17 |
| 1090.00 | 0.17 |
| 1092.00 | 0.17 |
| 1094.00 | 0.17 |
| 1096.00 | 0.17 |
| 1098.00 | 0.17 |
| 1100.00 | 0.17 |
| 1102.00 | 0.17 |
| 1104.00 | 0.17 |
| 1106.00 | 0.17 |
| 1108.00 | 0.17 |
| 1110.00 | 0.17 |
| 1112.00 | 0.17 |
| 1114.00 | 0.17 |
| 1116.00 | 0.17 |
| 1118.00 | 0.17 |
| 1120.00 | 0.17 |
| 1122.00 | 0.17 |
| 1124.00 | 0.16 |
| 1126.00 | 0.16 |
| 1128.00 | 0.16 |
| 1130.00 | 0.16 |
| 1132.00 | 0.16 |
| 1134.00 | 0.16 |
| 1136.00 | 0.16 |
| 1138.00 | 0.16 |
| 1140.00 | 0.16 |
| 1142.00 | 0.16 |
| 1144.00 | 0.16 |
| 1146.00 | 0.16 |
| 1148.00 | 0.16 |



CHM 003 0903

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.16 |
| 1152.00 | 0.16 |
| 1154.00 | 0.16 |
| 1156.00 | 0.15 |
| 1158.00 | 0.15 |
| 1160.00 | 0.16 |
| 1162.00 | 0.15 |
| 1164.00 | 0.15 |
| 1166.00 | 0.15 |
| 1168.00 | 0.15 |
| 1170.00 | 0.15 |
| 1172.00 | 0.15 |
| 1174.00 | 0.15 |
| 1176.00 | 0.15 |
| 1178.00 | 0.15 |
| 1180.00 | 0.15 |
| 1182.00 | 0.15 |
| 1184.00 | 0.15 |
| 1186.00 | 0.15 |
| 1188.00 | 0.15 |
| 1190.00 | 0.15 |
| 1192.00 | 0.15 |
| 1194.00 | 0.15 |
| 1196.00 | 0.15 |
| 1198.00 | 0.15 |
| 1200.00 | 0.15 |
| 1202.00 | 0.15 |
| 1204.00 | 0.15 |
| 1206.00 | 0.15 |
| 1208.00 | 0.15 |
| 1210.00 | 0.15 |
| 1212.00 | 0.15 |
| 1214.00 | 0.15 |
| 1216.00 | 0.15 |
| 1218.00 | 0.15 |
| 1220.00 | 0.15 |
| 1222.00 | 0.15 |
| 1224.00 | 0.15 |
| 1226.00 | 0.15 |
| 1228.00 | 0.15 |
| 1230.00 | 0.15 |
| 1232.00 | 0.15 |
| 1234.00 | 0.16 |
| 1236.00 | 0.15 |
| 1238.00 | 0.16 |
| 1240.00 | 0.16 |
| 1242.00 | 0.16 |
| 1244.00 | 0.16 |
| 1246.00 | 0.16 |
| 1248.00 | 0.16 |
| 1250.00 | 0.16 |
| 1252.00 | 0.16 |
| 1254.00 | 0.16 |
| 1256.00 | 0.16 |



CHM 003 0904

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 3 PUMP ZONE: 125' - 150' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/30 06:04

Unit# 151 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC |
| I.D. | DMW11ST3 | DMW11MT3 | DMW11DT3 | C2 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.096 | 2.309 | 0.059 | 0.068 |
| Scale factor | 20.030 | 250.105 | 99.908 | 100.007 |
| Offset | -0.001 | 0.645 | -0.084 | -0.138 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/29 07:58:13

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 0.0000 | -0.006 | -0.079 | -0.031 | 0.000 |
| 1.0000 | -0.006 | 0.000 | 0.000 | 0.000 |
| 2.0000 | -0.006 | 0.000 | 0.000 | 0.000 |
| 3.0000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4.0000 | -0.006 | 0.000 | 0.000 | 0.000 |
| 5.0000 | -0.006 | 0.000 | 0.000 | 0.000 |
| 6.0000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7.0000 | -0.006 | 0.000 | 0.000 | 0.000 |
| 8.0000 | 0.000 | 0.000 | -0.031 | 0.000 |
| 9.0000 | 0.000 | 0.079 | 0.000 | 0.000 |
| 10.0000 | -0.006 | 0.079 | 0.000 | 0.000 |
| 11.0000 | 0.000 | 0.000 | -0.031 | 0.000 |
| 12.0000 | 0.000 | 0.000 | -0.031 | 0.000 |
| 13.0000 | -0.006 | 0.000 | -0.031 | 0.031 |
| 14.0000 | -0.006 | 0.079 | -0.031 | 0.031 |
| 15.0000 | -0.006 | 0.000 | -0.031 | 0.000 |
| 16.0000 | -0.520 | -0.395 | -0.504 | -0.252 |
| 17.0000 | -0.285 | 0.158 | 0.252 | -0.221 |
| 18.0000 | -0.247 | 0.237 | 0.284 | -0.157 |
| 19.0000 | -0.234 | 0.237 | 0.284 | -0.126 |
| 20.0000 | -0.228 | 0.237 | 0.284 | -0.126 |
| 21.0000 | -0.222 | 0.237 | 0.315 | -0.126 |
| 22.0000 | -0.222 | 0.237 | 0.315 | -0.126 |
| 23.0000 | -0.222 | 0.237 | 0.284 | -0.126 |
| 24.0000 | -0.228 | 0.237 | 0.315 | -0.126 |
| 25.0000 | -0.228 | 0.237 | 0.315 | -0.126 |
| 26.0000 | -0.228 | 0.237 | 0.315 | -0.126 |
| 27.0000 | -0.228 | 0.237 | 0.284 | -0.126 |



CHM 003 0905

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 28.0000 | -0.234 | 0.237 | 0.315 | -0.126 |
| 29.0000 | -0.234 | 0.237 | 0.315 | -0.126 |
| 30.0000 | -0.234 | 0.237 | 0.315 | -0.126 |
| 31.0000 | -0.234 | 0.237 | 0.315 | -0.126 |
| 32.0000 | -0.234 | 0.237 | 0.315 | -0.126 |
| 33.0000 | -0.234 | 0.237 | 0.315 | -0.126 |
| 34.0000 | -0.234 | 0.316 | 0.315 | -0.126 |
| 35.0000 | -0.241 | 0.316 | 0.315 | -0.126 |
| 36.0000 | -0.241 | 0.237 | 0.315 | -0.126 |
| 37.0000 | -0.241 | 0.316 | 0.315 | -0.126 |
| 38.0000 | -0.323 | 85.177 | 0.568 | -0.157 |
| 39.0000 | -0.374 | 36.408 | 0.536 | -0.157 |
| 40.0000 | -0.399 | 28.022 | 0.504 | -0.189 |
| 41.0000 | -0.431 | 24.619 | 0.473 | -0.221 |
| 42.0000 | -0.450 | 23.591 | 0.473 | -0.221 |
| 43.0000 | -0.456 | 23.432 | 0.504 | -0.221 |
| 44.0000 | -0.450 | 23.274 | 0.473 | -0.221 |
| 45.0000 | -0.456 | 23.274 | 0.504 | -0.221 |
| 46.0000 | -0.469 | 22.720 | 0.504 | -0.252 |
| 47.0000 | -0.475 | 22.878 | 0.536 | -0.252 |
| 48.0000 | -0.475 | 23.116 | 0.536 | -0.252 |
| 49.0000 | -0.475 | 22.958 | 0.536 | -0.252 |
| 50.0000 | -0.488 | 23.037 | 0.536 | -0.252 |
| 51.0000 | -0.488 | 22.799 | 0.536 | -0.252 |
| 52.0000 | -0.482 | 22.878 | 0.536 | -0.252 |
| 53.0000 | -0.488 | 23.432 | 0.504 | -0.252 |
| 54.0000 | -0.488 | 23.274 | 0.536 | -0.252 |
| 55.0000 | -0.494 | 23.353 | 0.536 | -0.252 |
| 56.0000 | -0.488 | 23.274 | 0.536 | -0.252 |
| 57.0000 | -0.494 | 23.274 | 0.504 | -0.252 |
| 58.0000 | -0.501 | 23.591 | 0.536 | -0.252 |
| 59.0000 | -0.482 | 23.512 | 0.504 | -0.252 |
| 60.0000 | -0.488 | 23.749 | 0.504 | -0.252 |
| 61.0000 | -0.494 | 23.670 | 0.504 | -0.284 |
| 62.0000 | -0.494 | 23.512 | 0.568 | -0.252 |
| 63.0000 | -0.501 | 23.353 | 0.568 | -0.252 |
| 64.0000 | -0.488 | 23.670 | 0.536 | -0.252 |
| 65.0000 | -0.494 | 22.641 | 0.536 | -0.252 |
| 66.0000 | -0.469 | 22.325 | 0.536 | -0.252 |
| 67.0000 | -0.463 | 22.799 | 0.504 | -0.252 |
| 68.0000 | -0.463 | 22.720 | 0.504 | -0.252 |
| 69.0000 | -0.475 | 22.641 | 0.473 | -0.252 |
| 70.0000 | -0.463 | 22.562 | 0.504 | -0.252 |
| 71.0000 | -0.463 | 22.720 | 0.504 | -0.252 |
| 72.0000 | -0.469 | 22.641 | 0.504 | -0.252 |
| 73.0000 | -0.475 | 22.720 | 0.504 | -0.252 |
| 74.0000 | -0.475 | 23.037 | 0.473 | -0.252 |
| 75.0000 | -0.475 | 30.870 | 0.504 | -0.252 |
| 76.0000 | -0.469 | 38.781 | 0.536 | -0.252 |
| 77.0000 | -0.494 | 39.809 | 0.568 | -0.252 |
| 78.0000 | -0.507 | 39.572 | 0.568 | -0.252 |
| 79.0000 | -0.488 | 53.252 | 0.599 | -0.252 |
| 80.0000 | -0.494 | 49.694 | 0.631 | -0.252 |
| 81.0000 | -0.494 | 46.373 | 0.631 | -0.252 |



CHM 003 0906

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 82.0000 | -0.501 | 46.373 | 0.631 | -0.252 |
| 83.0000 | -0.494 | 45.741 | 0.631 | -0.221 |
| 84.0000 | -0.488 | 45.424 | 0.631 | -0.252 |
| 85.0000 | -0.469 | 90.073 | 0.757 | -0.221 |
| 86.0000 | -0.469 | 76.883 | 0.757 | -0.221 |
| 87.0000 | -0.469 | 70.720 | 0.757 | -0.221 |
| 88.0000 | -0.456 | 69.930 | 0.757 | -0.189 |
| 89.0000 | -0.456 | 69.772 | 0.788 | -0.189 |
| 90.0000 | -0.444 | 72.458 | 0.820 | -0.189 |
| 91.0000 | -0.450 | 68.191 | 0.820 | -0.189 |
| 92.0000 | -0.450 | 68.270 | 0.820 | -0.189 |
| 93.0000 | -0.456 | 68.191 | 0.820 | -0.189 |
| 94.0000 | -0.456 | 68.270 | 0.852 | -0.189 |
| 95.0000 | -0.444 | 68.112 | 0.883 | -0.189 |
| 96.0000 | -0.450 | 68.033 | 0.883 | -0.189 |
| 97.0000 | -0.444 | 76.172 | 0.883 | -0.157 |
| 98.0000 | -0.450 | 76.251 | 0.883 | -0.189 |
| 99.0000 | -0.444 | 76.014 | 0.883 | -0.157 |
| 100.000 | -0.444 | 77.278 | 0.915 | -0.157 |
| 101.000 | -0.431 | 87.546 | 0.946 | -0.157 |
| 102.000 | -0.431 | 87.467 | 0.978 | -0.157 |
| 103.000 | -0.425 | 86.361 | 0.978 | -0.157 |
| 104.000 | -0.412 | 85.098 | 0.978 | -0.157 |
| 105.000 | -0.418 | 84.861 | 0.978 | -0.157 |
| 106.000 | -0.418 | 84.782 | 0.978 | -0.157 |
| 107.000 | -0.412 | 84.940 | 0.978 | -0.157 |
| 108.000 | -0.418 | 84.861 | 0.978 | -0.157 |
| 109.000 | -0.412 | 84.940 | 1.009 | -0.126 |
| 110.000 | -0.412 | 84.861 | 1.009 | -0.126 |
| 111.000 | -0.418 | 84.782 | 0.978 | -0.126 |
| 112.000 | -0.406 | 84.861 | 1.009 | -0.126 |
| 113.000 | -0.406 | 84.387 | 1.009 | -0.126 |
| 114.000 | -0.406 | 84.071 | 1.041 | -0.126 |
| 115.000 | -0.406 | 83.913 | 1.009 | -0.126 |
| 116.000 | -0.406 | 83.913 | 1.041 | -0.126 |
| 117.000 | -0.399 | 83.992 | 1.041 | -0.126 |
| 118.000 | -0.399 | 83.913 | 1.041 | -0.126 |
| 119.000 | -0.399 | 83.913 | 1.041 | -0.126 |
| 120.000 | -0.406 | 83.992 | 1.041 | -0.126 |
| 121.000 | -0.406 | 84.229 | 1.072 | -0.126 |
| 122.000 | -0.399 | 84.150 | 1.072 | -0.126 |
| 123.000 | -0.399 | 84.229 | 1.041 | -0.126 |
| 124.000 | -0.399 | 83.834 | 1.041 | -0.126 |
| 125.000 | -0.393 | 83.755 | 1.041 | -0.126 |
| 126.000 | -0.399 | 83.755 | 1.041 | -0.094 |
| 127.000 | -0.406 | 83.755 | 1.041 | -0.126 |
| 128.000 | -0.393 | 83.518 | 1.041 | -0.094 |
| 129.000 | -0.393 | 83.597 | 1.072 | -0.126 |
| 130.000 | -0.393 | 82.412 | 1.104 | -0.094 |
| 131.000 | -0.393 | 82.570 | 1.041 | -0.094 |
| 132.000 | -0.393 | 82.491 | 1.041 | -0.126 |
| 133.000 | -0.399 | 82.333 | 1.072 | -0.094 |
| 134.000 | -0.386 | 82.412 | 1.072 | -0.094 |
| 135.000 | -0.386 | 82.175 | 1.072 | -0.094 |



CHM 003 0907

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 136.000 | -0.393 | 82.175 | 1.072 | -0.094 |
| 137.000 | -0.393 | 82.175 | 1.072 | -0.094 |
| 138.000 | -0.386 | 82.175 | 1.104 | -0.094 |
| 139.000 | -0.393 | 82.175 | 1.072 | -0.094 |
| 140.000 | -0.386 | 82.096 | 1.072 | -0.094 |
| 141.000 | -0.393 | 82.254 | 1.104 | -0.094 |
| 142.000 | -0.393 | 82.096 | 1.072 | -0.094 |
| 143.000 | -0.393 | 82.175 | 1.072 | -0.094 |
| 144.000 | -0.386 | 82.412 | 1.104 | -0.094 |
| 145.000 | -0.380 | 82.096 | 1.072 | -0.094 |
| 146.000 | -0.386 | 82.333 | 1.104 | -0.094 |
| 147.000 | -0.380 | 82.254 | 1.104 | -0.094 |
| 148.000 | -0.380 | 82.175 | 1.104 | -0.094 |
| 149.000 | -0.380 | 82.412 | 1.072 | -0.094 |
| 150.000 | -0.386 | 82.333 | 1.104 | -0.094 |
| 151.000 | -0.380 | 81.938 | 1.104 | -0.094 |
| 152.000 | -0.380 | 82.254 | 1.104 | -0.094 |
| 153.000 | -0.374 | 82.017 | 1.072 | -0.094 |
| 154.000 | -0.386 | 81.859 | 1.104 | -0.094 |
| 155.000 | -0.380 | 83.123 | 1.136 | -0.094 |
| 156.000 | -0.386 | 83.281 | 1.136 | -0.094 |
| 157.000 | -0.374 | 83.360 | 1.136 | -0.094 |
| 158.000 | -0.374 | 83.518 | 1.104 | -0.094 |
| 159.000 | -0.374 | 83.439 | 1.136 | -0.094 |
| 160.000 | -0.367 | 83.439 | 1.104 | -0.063 |
| 161.000 | -0.374 | 83.518 | 1.104 | -0.094 |
| 162.000 | -0.374 | 83.518 | 1.104 | -0.063 |
| 163.000 | -0.367 | 83.439 | 1.104 | -0.063 |
| 164.000 | -0.367 | 83.597 | 1.136 | -0.063 |
| 165.000 | -0.380 | 83.597 | 1.104 | -0.063 |
| 166.000 | -0.380 | 91.100 | 1.167 | -0.063 |
| 167.000 | -0.361 | 91.021 | 1.167 | -0.094 |
| 168.000 | -0.374 | 91.021 | 1.167 | -0.063 |
| 169.000 | -0.374 | 90.942 | 1.167 | -0.063 |
| 170.000 | -0.361 | 70.957 | 1.104 | -0.094 |
| 171.000 | -0.374 | 79.569 | 1.104 | -0.094 |
| 172.000 | -0.380 | 80.753 | 1.136 | -0.063 |
| 173.000 | -0.367 | 80.595 | 1.136 | -0.094 |
| 174.000 | -0.380 | 80.595 | 1.136 | -0.063 |
| 175.000 | -0.367 | 80.674 | 1.136 | -0.063 |
| 176.000 | -0.386 | 80.595 | 1.136 | -0.063 |
| 177.000 | -0.374 | 80.516 | 1.136 | -0.063 |
| 178.000 | -0.386 | 80.595 | 1.167 | -0.063 |
| 179.000 | -0.380 | 80.437 | 1.136 | -0.094 |
| 180.000 | -0.374 | 80.595 | 1.136 | -0.063 |
| 181.000 | -0.380 | 80.674 | 1.104 | -0.063 |
| 182.000 | -0.380 | 80.595 | 1.167 | -0.063 |
| 183.000 | -0.380 | 80.516 | 1.167 | -0.063 |
| 184.000 | -0.380 | 80.832 | 1.136 | -0.063 |
| 185.000 | -0.380 | 80.595 | 1.136 | -0.063 |
| 186.000 | -0.380 | 80.516 | 1.136 | -0.094 |
| 187.000 | -0.380 | 80.674 | 1.136 | -0.094 |
| 188.000 | -0.380 | 80.595 | 1.136 | -0.063 |
| 189.000 | -0.386 | 80.516 | 1.136 | -0.094 |



LHM 003 0908

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 190.000 | -0.386 | 80.595 | 1.136 | -0.094 |
| 191.000 | -0.380 | 80.358 | 1.167 | -0.094 |
| 192.000 | -0.386 | 80.437 | 1.167 | -0.063 |
| 193.000 | -0.374 | 80.595 | 1.167 | -0.063 |
| 194.000 | -0.386 | 80.437 | 1.136 | -0.094 |
| 195.000 | -0.374 | 80.437 | 1.136 | -0.063 |
| 196.000 | -0.380 | 80.437 | 1.136 | -0.063 |
| 197.000 | -0.380 | 80.279 | 1.167 | -0.094 |
| 198.000 | -0.380 | 80.358 | 1.136 | -0.063 |
| 199.000 | -0.386 | 80.437 | 1.167 | -0.063 |
| 200.000 | -0.386 | 80.279 | 1.167 | -0.063 |
| 201.000 | -0.380 | 80.279 | 1.167 | -0.063 |
| 202.000 | -0.386 | 80.200 | 1.167 | -0.063 |
| 203.000 | -0.380 | 80.200 | 1.136 | -0.063 |
| 204.000 | -0.380 | 80.200 | 1.167 | -0.094 |
| 205.000 | -0.386 | 80.437 | 1.136 | -0.063 |
| 206.000 | -0.374 | 80.279 | 1.136 | -0.094 |
| 207.000 | -0.380 | 80.358 | 1.136 | -0.063 |
| 208.000 | -0.380 | 80.437 | 1.136 | -0.063 |
| 209.000 | -0.380 | 80.358 | 1.136 | -0.063 |
| 210.000 | -0.380 | 80.516 | 1.167 | -0.063 |
| 211.000 | -0.386 | 80.279 | 1.167 | -0.094 |
| 212.000 | -0.386 | 80.358 | 1.167 | -0.063 |
| 213.000 | -0.380 | 80.437 | 1.167 | -0.063 |
| 214.000 | -0.386 | 80.200 | 1.167 | -0.063 |
| 215.000 | -0.386 | 80.279 | 1.136 | -0.063 |
| 216.000 | -0.386 | 80.358 | 1.167 | -0.063 |
| 217.000 | -0.386 | 80.279 | 1.167 | -0.094 |
| 218.000 | -0.374 | 80.279 | 1.136 | -0.063 |
| 219.000 | -0.380 | 80.121 | 1.167 | -0.063 |
| 220.000 | -0.380 | 80.042 | 1.167 | -0.063 |
| 221.000 | -0.386 | 80.200 | 1.167 | -0.063 |
| 222.000 | -0.386 | 80.121 | 1.199 | -0.063 |
| 223.000 | -0.386 | 80.200 | 1.167 | -0.063 |
| 224.000 | -0.386 | 80.437 | 1.167 | -0.063 |
| 225.000 | -0.386 | 80.358 | 1.167 | -0.063 |
| 226.000 | -0.386 | 80.358 | 1.167 | -0.063 |
| 227.000 | -0.386 | 80.516 | 1.199 | -0.063 |
| 228.000 | -0.380 | 80.437 | 1.167 | -0.063 |
| 229.000 | -0.393 | 80.516 | 1.167 | -0.063 |
| 230.000 | -0.386 | 80.595 | 1.167 | -0.063 |
| 231.000 | -0.380 | 80.437 | 1.167 | -0.063 |
| 232.000 | -0.380 | 80.516 | 1.167 | -0.063 |
| 233.000 | -0.393 | 80.516 | 1.199 | -0.063 |
| 234.000 | -0.393 | 80.358 | 1.167 | -0.063 |
| 235.000 | -0.393 | 80.595 | 1.167 | -0.063 |
| 236.000 | -0.386 | 80.516 | 1.167 | -0.063 |
| 237.000 | -0.386 | 80.437 | 1.167 | -0.063 |
| 238.000 | -0.380 | 80.674 | 1.167 | -0.063 |
| 239.000 | -0.374 | 80.595 | 1.199 | -0.063 |
| 240.000 | -0.374 | 80.595 | 1.199 | -0.063 |
| 241.000 | -0.374 | 80.595 | 1.199 | -0.063 |
| 242.000 | -0.380 | 80.516 | 1.199 | -0.063 |
| 243.000 | -0.374 | 80.437 | 1.167 | -0.063 |



CHM 003 0909

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 244.000 | -0.374 | 80.595 | 1.167 | -0.063 |
| 245.000 | -0.374 | 80.516 | 1.199 | -0.063 |
| 246.000 | -0.380 | 80.595 | 1.199 | -0.063 |
| 247.000 | -0.374 | 80.595 | 1.167 | -0.063 |
| 248.000 | -0.374 | 80.516 | 1.167 | -0.063 |
| 249.000 | -0.367 | 80.595 | 1.167 | -0.063 |
| 250.000 | -0.367 | 80.674 | 1.167 | -0.063 |
| 251.000 | -0.367 | 80.516 | 1.199 | -0.063 |
| 252.000 | -0.374 | 80.595 | 1.199 | -0.063 |
| 253.000 | -0.374 | 80.437 | 1.167 | -0.063 |
| 254.000 | -0.374 | 80.437 | 1.199 | -0.063 |
| 255.000 | -0.367 | 80.595 | 1.167 | -0.063 |
| 256.000 | -0.367 | 80.358 | 1.199 | -0.063 |
| 257.000 | -0.380 | 80.279 | 1.199 | -0.063 |
| 258.000 | -0.374 | 80.437 | 1.167 | -0.063 |
| 259.000 | -0.367 | 80.516 | 1.199 | -0.063 |
| 260.000 | -0.367 | 80.437 | 1.199 | -0.063 |
| 261.000 | -0.374 | 80.595 | 1.199 | -0.063 |
| 262.000 | -0.374 | 80.358 | 1.199 | -0.063 |
| 263.000 | -0.374 | 80.437 | 1.199 | -0.063 |
| 264.000 | -0.367 | 80.437 | 1.199 | -0.063 |
| 265.000 | -0.374 | 80.437 | 1.199 | -0.063 |
| 266.000 | -0.367 | 80.437 | 1.199 | -0.063 |
| 267.000 | -0.374 | 80.516 | 1.199 | -0.063 |
| 268.000 | -0.374 | 80.358 | 1.199 | -0.063 |
| 269.000 | -0.367 | 80.437 | 1.199 | -0.063 |
| 270.000 | -0.367 | 80.516 | 1.199 | -0.063 |
| 271.000 | -0.374 | 80.516 | 1.199 | -0.063 |
| 272.000 | -0.380 | 80.358 | 1.199 | -0.063 |
| 273.000 | -0.374 | 80.516 | 1.230 | -0.063 |
| 274.000 | -0.367 | 80.358 | 1.199 | -0.063 |
| 275.000 | -0.374 | 80.358 | 1.167 | -0.063 |
| 276.000 | -0.367 | 80.516 | 1.199 | -0.063 |
| 277.000 | -0.374 | 80.437 | 1.199 | -0.063 |
| 278.000 | -0.374 | 80.516 | 1.199 | -0.063 |
| 279.000 | -0.374 | 80.516 | 1.199 | -0.063 |
| 280.000 | -0.380 | 80.279 | 1.199 | -0.063 |
| 281.000 | -0.374 | 80.358 | 1.199 | -0.063 |
| 282.000 | -0.374 | 80.437 | 1.199 | -0.063 |
| 283.000 | -0.374 | 80.279 | 1.199 | -0.063 |
| 284.000 | -0.367 | 80.437 | 1.199 | -0.063 |
| 285.000 | -0.380 | 80.358 | 1.199 | -0.063 |
| 286.000 | -0.374 | 80.358 | 1.199 | -0.063 |
| 287.000 | -0.374 | 80.437 | 1.230 | -0.063 |
| 288.000 | -0.374 | 80.516 | 1.199 | -0.063 |
| 289.000 | -0.374 | 80.358 | 1.230 | -0.063 |
| 290.000 | -0.380 | 80.437 | 1.199 | -0.063 |
| 291.000 | -0.374 | 80.516 | 1.199 | -0.063 |
| 292.000 | -0.380 | 80.437 | 1.230 | -0.063 |
| 293.000 | -0.380 | 80.437 | 1.199 | -0.063 |
| 294.000 | -0.380 | 80.437 | 1.199 | -0.063 |
| 295.000 | -0.380 | 80.358 | 1.199 | -0.063 |
| 296.000 | -0.374 | 80.279 | 1.230 | -0.063 |
| 297.000 | -0.380 | 80.437 | 1.199 | -0.063 |



DHM 003 0910

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 298.000 | -0.374 | 80.358 | 1.230 | -0.063 |
| 299.000 | -0.380 | 80.516 | 1.230 | -0.063 |
| 300.000 | -0.380 | 80.516 | 1.230 | -0.063 |
| 301.000 | -0.374 | 80.437 | 1.230 | -0.063 |
| 302.000 | -0.386 | 80.437 | 1.199 | -0.063 |
| 303.000 | -0.374 | 79.963 | 1.199 | -0.063 |
| 304.000 | -0.380 | 79.963 | 1.199 | -0.063 |
| 305.000 | -0.374 | 79.805 | 1.199 | -0.063 |
| 306.000 | -0.386 | 80.042 | 1.230 | -0.063 |
| 307.000 | -0.380 | 79.805 | 1.230 | -0.031 |
| 308.000 | -0.380 | 79.805 | 1.230 | -0.063 |
| 309.000 | -0.380 | 79.884 | 1.199 | -0.063 |
| 310.000 | -0.380 | 79.805 | 1.230 | -0.063 |
| 311.000 | -0.374 | 79.805 | 1.199 | -0.063 |
| 312.000 | -0.310 | 4.038 | 0.978 | -0.063 |
| 313.000 | -0.291 | 3.405 | 0.915 | -0.063 |
| 314.000 | -0.285 | 3.246 | 0.883 | -0.063 |
| 315.000 | -0.285 | 3.088 | 0.852 | -0.063 |
| 316.000 | -0.279 | 3.009 | 0.820 | -0.063 |
| 317.000 | -0.279 | 3.009 | 0.788 | -0.063 |
| 318.000 | -0.279 | 2.930 | 0.788 | -0.031 |
| 319.000 | -0.285 | 2.850 | 0.757 | -0.063 |
| 320.000 | -0.285 | 2.850 | 0.725 | -0.063 |
| 321.000 | -0.285 | 2.850 | 0.725 | -0.063 |
| 322.000 | -0.285 | 2.771 | 0.694 | -0.063 |
| 323.000 | -0.291 | 2.771 | 0.694 | -0.063 |
| 324.000 | -0.291 | 2.692 | 0.694 | -0.063 |
| 325.000 | -0.291 | 2.692 | 0.662 | -0.063 |
| 326.000 | -0.291 | 2.692 | 0.662 | -0.063 |
| 327.000 | -0.291 | 2.692 | 0.662 | -0.094 |
| 328.000 | -0.291 | 2.692 | 0.662 | -0.063 |
| 329.000 | -0.291 | 2.692 | 0.631 | -0.063 |
| 330.000 | -0.291 | 2.692 | 0.631 | -0.063 |
| 331.000 | -0.298 | 2.692 | 0.631 | -0.063 |
| 332.000 | -0.298 | 2.613 | 0.599 | -0.094 |
| 333.000 | -0.298 | 2.613 | 0.631 | -0.094 |
| 334.000 | -0.298 | 2.613 | 0.599 | -0.063 |
| 335.000 | -0.298 | 2.613 | 0.599 | -0.094 |
| 336.000 | -0.298 | 2.613 | 0.599 | -0.063 |
| 337.000 | -0.304 | 2.613 | 0.568 | -0.094 |
| 338.000 | -0.304 | 2.613 | 0.599 | -0.094 |
| 339.000 | -0.304 | 2.534 | 0.568 | -0.094 |
| 340.000 | -0.304 | 2.534 | 0.568 | -0.094 |
| 341.000 | -0.304 | 2.613 | 0.568 | -0.094 |
| 342.000 | -0.298 | 2.613 | 0.568 | -0.094 |
| 343.000 | -0.304 | 2.534 | 0.568 | -0.094 |
| 344.000 | -0.304 | 2.534 | 0.599 | -0.094 |
| 345.000 | -0.304 | 2.534 | 0.568 | -0.094 |
| 346.000 | -0.304 | 2.534 | 0.568 | -0.094 |
| 347.000 | -0.291 | 2.534 | 0.599 | -0.094 |
| 348.000 | 0.183 | 2.138 | 0.157 | 0.000 |
| 349.000 | 0.482 | 2.454 | 0.410 | 0.284 |
| 350.000 | 0.114 | 2.058 | 0.094 | 0.221 |
| 351.000 | 0.063 | 1.979 | 0.000 | 0.157 |



CHM 003 0911

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 352.000 | 0.050 | 1.979 | 0.000 | 0.126 |
| 353.000 | 0.044 | 1.979 | -0.031 | 0.126 |
| 354.000 | 0.038 | 1.979 | 0.000 | 0.126 |
| 355.000 | 0.038 | 2.058 | -0.031 | 0.126 |
| 356.000 | 0.031 | 1.979 | -0.031 | 0.126 |
| 357.000 | 0.031 | 1.979 | -0.031 | 0.126 |
| 358.000 | 0.031 | 1.979 | -0.031 | 0.126 |
| 359.000 | 0.031 | 1.979 | -0.031 | 0.126 |
| 360.000 | 0.031 | 2.058 | -0.031 | 0.126 |
| 361.000 | 0.025 | 1.979 | -0.031 | 0.126 |
| 362.000 | 0.031 | 1.979 | -0.031 | 0.126 |
| 363.000 | 0.031 | 2.058 | -0.031 | 0.126 |
| 364.000 | 0.031 | 1.979 | -0.031 | 0.126 |
| 365.000 | 0.031 | 1.979 | -0.031 | 0.126 |
| 366.000 | 0.025 | 1.979 | -0.031 | 0.126 |
| 367.000 | 0.025 | 1.979 | -0.031 | 0.126 |
| 368.000 | 0.025 | 1.979 | -0.031 | 0.126 |
| 369.000 | 0.025 | 1.979 | -0.031 | 0.126 |
| 370.000 | 0.025 | 1.979 | -0.031 | 0.126 |
| 371.000 | 0.025 | 1.979 | -0.031 | 0.126 |
| 372.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 373.000 | 0.025 | 1.979 | -0.031 | 0.094 |
| 374.000 | 0.019 | 2.058 | -0.031 | 0.126 |
| 375.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 376.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 377.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 378.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 379.000 | 0.019 | 1.979 | -0.031 | 0.094 |
| 380.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 381.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 382.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 383.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 384.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 385.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 386.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 387.000 | 0.019 | 2.058 | -0.031 | 0.126 |
| 388.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 389.000 | 0.012 | 1.979 | -0.031 | 0.094 |
| 390.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 391.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 392.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 393.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 394.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 395.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 396.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 397.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 398.000 | 0.019 | 1.979 | -0.031 | 0.126 |
| 399.000 | 0.019 | 2.058 | -0.031 | 0.126 |
| 400.000 | 0.012 | 1.979 | -0.031 | 0.126 |
| 401.000 | 0.019 | 2.058 | -0.031 | 0.126 |
| 402.000 | 0.019 | 2.058 | -0.031 | 0.094 |
| 403.000 | 0.012 | 1.979 | -0.031 | 0.094 |
| 404.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 405.000 | 0.012 | 1.979 | -0.063 | 0.126 |



CHM 003 0912

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 406.000 | 0.019 | 1.979 | -0.063 | 0.126 |
| 407.000 | 0.019 | 1.979 | -0.063 | 0.126 |
| 408.000 | 0.019 | 1.979 | -0.031 | 0.094 |
| 409.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 410.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 411.000 | 0.012 | 1.979 | -0.031 | 0.126 |
| 412.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 413.000 | 0.012 | 1.979 | -0.031 | 0.126 |
| 414.000 | 0.012 | 1.979 | -0.031 | 0.126 |
| 415.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 416.000 | 0.012 | 1.979 | -0.031 | 0.126 |
| 417.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 418.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 419.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 420.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 421.000 | 0.012 | 1.979 | -0.031 | 0.126 |
| 422.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 423.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 424.000 | 0.012 | 1.979 | -0.031 | 0.094 |
| 425.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 426.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 427.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 428.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 429.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 430.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 431.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 432.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 433.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 434.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 435.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 436.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 437.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 438.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 439.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 440.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 441.000 | 0.012 | 1.979 | -0.063 | 0.126 |
| 442.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 443.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 444.000 | 0.012 | 1.979 | -0.063 | 0.094 |
| 445.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 446.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 447.000 | 0.000 | 1.979 | -0.063 | 0.094 |
| 448.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 449.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 450.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 451.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 452.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 453.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 454.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 455.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 456.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 457.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 458.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 459.000 | 0.006 | 1.979 | -0.063 | 0.094 |



CHM 003 0933

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 460.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 461.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 462.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 463.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 464.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 465.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 466.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 467.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 468.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 469.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 470.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 471.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 472.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 473.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 474.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 475.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 476.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 477.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 478.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 479.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 480.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 481.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 482.000 | 0.000 | 1.979 | -0.063 | 0.094 |
| 483.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 484.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 485.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 486.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 487.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 488.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 489.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 490.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 491.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 492.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 493.000 | 0.000 | 1.979 | -0.063 | 0.126 |
| 494.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 495.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 496.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 497.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 498.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 499.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 500.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 501.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 502.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 503.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 504.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 505.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 506.000 | 0.006 | 1.979 | -0.094 | 0.094 |
| 507.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 508.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 509.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 510.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 511.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 512.000 | 0.006 | 1.979 | -0.063 | 0.094 |
| 513.000 | 0.006 | 1.979 | -0.063 | 0.126 |



CHM 003 0914

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 514.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 515.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 516.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 517.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 518.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 519.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 520.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 521.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 522.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 523.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 524.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 525.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 526.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 527.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 528.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 529.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 530.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 531.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 532.000 | 0.006 | 1.979 | -0.094 | 0.094 |
| 533.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 534.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 535.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 536.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 537.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 538.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 539.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 540.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 541.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 542.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 543.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 544.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 545.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 546.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 547.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 548.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 549.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 550.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 551.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 552.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 553.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 554.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 555.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 556.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 557.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 558.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 559.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 560.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 561.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 562.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 563.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 564.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 565.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 566.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 567.000 | 0.006 | 1.979 | -0.094 | 0.126 |



CHM 003 0915

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 568.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 569.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 570.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 571.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 572.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 573.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 574.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 575.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 576.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 577.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 578.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 579.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 580.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 581.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 582.000 | 0.006 | 1.979 | -0.063 | 0.126 |
| 583.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 584.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 585.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 586.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 587.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 588.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 589.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 590.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 591.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 592.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 593.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 594.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 595.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 596.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 597.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 598.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 599.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 600.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 601.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 602.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 603.000 | 0.006 | 1.979 | -0.094 | 0.126 |
| 604.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 605.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 606.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 607.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 608.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 609.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 610.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 611.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 612.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 613.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 614.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 615.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 616.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 617.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 618.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 619.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 620.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 621.000 | 0.012 | 1.979 | -0.094 | 0.126 |



CHM 003 0916

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 622.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 623.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 624.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 625.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 626.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 627.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 628.000 | 0.019 | 1.900 | -0.094 | 0.126 |
| 629.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 630.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 631.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 632.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 633.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 634.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 635.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 636.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 637.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 638.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 639.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 640.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 641.000 | 0.012 | 1.979 | -0.094 | 0.126 |
| 642.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 643.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 644.000 | 0.012 | 1.979 | -0.094 | 0.157 |
| 645.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 646.000 | 0.019 | 1.979 | -0.094 | 0.157 |
| 647.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 648.000 | 0.019 | 1.979 | -0.094 | 0.157 |
| 649.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 650.000 | 0.019 | 1.979 | -0.094 | 0.157 |
| 651.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 652.000 | 0.019 | 1.979 | -0.094 | 0.126 |
| 653.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 654.000 | 0.019 | 1.979 | -0.094 | 0.157 |
| 655.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 656.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 657.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 658.000 | 0.019 | 1.979 | -0.094 | 0.157 |
| 659.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 660.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 661.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 662.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 663.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 664.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 665.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 666.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 667.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 668.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 669.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 670.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 671.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 672.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 673.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 674.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 675.000 | 0.025 | 1.979 | -0.094 | 0.126 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 676.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 677.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 678.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 679.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 680.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 681.000 | 0.025 | 1.979 | -0.094 | 0.126 |
| 682.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 683.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 684.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 685.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 686.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 687.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 688.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 689.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 690.000 | 0.025 | 1.979 | -0.063 | 0.157 |
| 691.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 692.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 693.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 694.000 | 0.025 | 2.058 | -0.094 | 0.157 |
| 695.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 696.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 697.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 698.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 699.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 700.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 701.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 702.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 703.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 704.000 | 0.031 | 2.058 | -0.094 | 0.157 |
| 705.000 | 0.025 | 2.058 | -0.094 | 0.157 |
| 706.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 707.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 708.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 709.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 710.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 711.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 712.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 713.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 714.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 715.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 716.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 717.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 718.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 719.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 720.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 721.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 722.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 723.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 724.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 725.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 726.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 727.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 728.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 729.000 | 0.031 | 1.979 | -0.094 | 0.157 |



CHM 003 0918

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 730.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 731.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 732.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 733.000 | 0.031 | 1.979 | -0.063 | 0.157 |
| 734.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 735.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 736.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 737.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 738.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 739.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 740.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 741.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 742.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 743.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 744.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 745.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 746.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 747.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 748.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 749.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 750.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 751.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 752.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 753.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 754.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 755.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 756.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 757.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 758.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 759.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 760.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 761.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 762.000 | 0.038 | 1.979 | -0.063 | 0.157 |
| 763.000 | 0.038 | 1.979 | -0.063 | 0.157 |
| 764.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 765.000 | 0.038 | 2.058 | -0.094 | 0.157 |
| 766.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 767.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 768.000 | 0.038 | 2.058 | -0.094 | 0.157 |
| 769.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 770.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 771.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 772.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 773.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 774.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 775.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 776.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 777.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 778.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 779.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 780.000 | 0.038 | 1.979 | -0.063 | 0.189 |
| 781.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 782.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 783.000 | 0.038 | 1.979 | -0.094 | 0.157 |



CHM 003 0919

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 784.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 785.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 786.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 787.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 788.000 | 0.038 | 2.058 | -0.094 | 0.157 |
| 789.000 | 0.038 | 2.058 | -0.094 | 0.157 |
| 790.000 | 0.038 | 2.058 | -0.094 | 0.189 |
| 791.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 792.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 793.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 794.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 795.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 796.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 797.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 798.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 799.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 800.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 801.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 802.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 803.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 804.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 805.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 806.000 | 0.038 | 2.058 | -0.094 | 0.189 |
| 807.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 808.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 809.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 810.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 811.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 812.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 813.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 814.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 815.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 816.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 817.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 818.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 819.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 820.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 821.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 822.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 823.000 | 0.044 | 1.979 | -0.094 | 0.189 |
| 824.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 825.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 826.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 827.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 828.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 829.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 830.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 831.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 832.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 833.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 834.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 835.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 836.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 837.000 | 0.038 | 1.979 | -0.094 | 0.189 |



CHM 003 0920

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 838.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 839.000 | 0.044 | 1.979 | -0.094 | 0.157 |
| 840.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 841.000 | 0.038 | 2.058 | -0.094 | 0.157 |
| 842.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 843.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 844.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 845.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 846.000 | 0.038 | 2.058 | -0.094 | 0.157 |
| 847.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 848.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 849.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 850.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 851.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 852.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 853.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 854.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 855.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 856.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 857.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 858.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 859.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 860.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 861.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 862.000 | 0.038 | 2.058 | -0.094 | 0.189 |
| 863.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 864.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 865.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 866.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 867.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 868.000 | 0.044 | 1.979 | -0.094 | 0.189 |
| 869.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 870.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 871.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 872.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 873.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 874.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 875.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 876.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 877.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 878.000 | 0.038 | 2.058 | -0.094 | 0.157 |
| 879.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 880.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 881.000 | 0.038 | 1.979 | -0.094 | 0.157 |
| 882.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 883.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 884.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 885.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 886.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 887.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 888.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 889.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 890.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 891.000 | 0.038 | 1.979 | -0.126 | 0.157 |



CHM 003 0921

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 892.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 893.000 | 0.031 | 2.058 | -0.094 | 0.157 |
| 894.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 895.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 896.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 897.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 898.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 899.000 | 0.031 | 1.979 | -0.126 | 0.189 |
| 900.000 | 0.038 | 1.979 | -0.094 | 0.189 |
| 901.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 902.000 | 0.031 | 2.058 | -0.126 | 0.157 |
| 903.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 904.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 905.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 906.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 907.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 908.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 909.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 910.000 | 0.031 | 1.979 | -0.126 | 0.157 |
| 911.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 912.000 | 0.031 | 1.979 | -0.126 | 0.157 |
| 913.000 | 0.031 | 1.979 | -0.094 | 0.189 |
| 914.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 915.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 916.000 | 0.031 | 1.979 | -0.126 | 0.157 |
| 917.000 | 0.025 | 1.979 | -0.094 | 0.189 |
| 918.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 919.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 920.000 | 0.031 | 1.979 | -0.126 | 0.157 |
| 921.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 922.000 | 0.031 | 1.979 | -0.126 | 0.189 |
| 923.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 924.000 | 0.031 | 1.979 | -0.126 | 0.157 |
| 925.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 926.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 927.000 | 0.025 | 1.900 | -0.094 | 0.157 |
| 928.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 929.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 930.000 | 0.025 | 2.058 | -0.126 | 0.157 |
| 931.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 932.000 | 0.031 | 1.979 | -0.126 | 0.157 |
| 933.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 934.000 | 0.031 | 1.979 | -0.094 | 0.157 |
| 935.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 936.000 | 0.025 | 1.979 | -0.094 | 0.157 |
| 937.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 938.000 | 0.025 | 2.058 | -0.126 | 0.157 |
| 939.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 940.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 941.000 | 0.031 | 1.979 | -0.126 | 0.157 |
| 942.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 943.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 944.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 945.000 | 0.025 | 1.979 | -0.094 | 0.157 |



CHM 003 0922

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 946.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 947.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 948.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 949.000 | 0.025 | 1.979 | -0.126 | 0.189 |
| 950.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 951.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 952.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 953.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 954.000 | 0.025 | 1.900 | -0.126 | 0.157 |
| 955.000 | 0.025 | 1.979 | -0.126 | 0.189 |
| 956.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 957.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 958.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 959.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 960.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 961.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 962.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 963.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 964.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 965.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 966.000 | 0.025 | 1.979 | -0.126 | 0.189 |
| 967.000 | 0.025 | 1.979 | -0.126 | 0.189 |
| 968.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 969.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 970.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 971.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 972.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 973.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 974.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 975.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 976.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 977.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 978.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 979.000 | 0.025 | 1.979 | -0.126 | 0.157 |
| 980.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 981.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 982.000 | 0.019 | 1.979 | -0.126 | 0.189 |
| 983.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 984.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 985.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 986.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 987.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 988.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 989.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 990.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 991.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 992.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 993.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 994.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 995.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 996.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 997.000 | 0.019 | 1.979 | -0.126 | 0.157 |
| 998.000 | 0.012 | 1.979 | -0.126 | 0.157 |
| 999.000 | 0.012 | 1.979 | -0.126 | 0.157 |



CHM 003 0923

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1000.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1001.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1002.00 | 0.019 | 1.979 | -0.126 | 0.157 |
| 1003.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1004.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1005.00 | 0.019 | 1.979 | -0.126 | 0.157 |
| 1006.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1007.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1008.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1009.00 | 0.012 | 1.900 | -0.126 | 0.157 |
| 1010.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1011.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1012.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1013.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1014.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1015.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1016.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1017.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1018.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1019.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1020.00 | 0.012 | 1.900 | -0.126 | 0.157 |
| 1021.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1022.00 | 0.012 | 1.979 | -0.126 | 0.157 |
| 1023.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1024.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1025.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1026.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1027.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1028.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1029.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1030.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1031.00 | 0.006 | 1.979 | -0.126 | 0.157 |
| 1032.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1033.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1034.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1035.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1036.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1037.00 | 0.000 | 1.900 | -0.157 | 0.157 |
| 1038.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1039.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1040.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1041.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1042.00 | 0.000 | 1.900 | -0.157 | 0.157 |
| 1043.00 | 0.006 | 1.979 | -0.157 | 0.157 |
| 1044.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1045.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1046.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1047.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1048.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1049.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1050.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1051.00 | 0.000 | 1.900 | -0.157 | 0.157 |
| 1052.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1053.00 | 0.000 | 1.900 | -0.157 | 0.157 |



CHM 003 0924

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1054.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1055.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1056.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1057.00 | 0.000 | 1.979 | -0.157 | 0.126 |
| 1058.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1059.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1060.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1061.00 | 0.000 | 1.979 | -0.157 | 0.157 |
| 1062.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1063.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1064.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1065.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1066.00 | -0.006 | 1.900 | -0.157 | 0.157 |
| 1067.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1068.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1069.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1070.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1071.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1072.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1073.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1074.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1075.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1076.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1077.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1078.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1079.00 | -0.006 | 1.900 | -0.157 | 0.157 |
| 1080.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1081.00 | -0.006 | 1.900 | -0.157 | 0.157 |
| 1082.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1083.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1084.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1085.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1086.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1087.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1088.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1089.00 | -0.006 | 1.900 | -0.157 | 0.126 |
| 1090.00 | -0.006 | 1.900 | -0.157 | 0.126 |
| 1091.00 | -0.006 | 1.900 | -0.157 | 0.157 |
| 1092.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1093.00 | -0.006 | 1.979 | -0.157 | 0.157 |
| 1094.00 | -0.006 | 1.979 | -0.157 | 0.126 |
| 1095.00 | -0.006 | 1.900 | -0.157 | 0.157 |
| 1096.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1097.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1098.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1099.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1100.00 | -0.012 | 1.979 | -0.157 | 0.157 |
| 1101.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1102.00 | -0.012 | 1.900 | -0.157 | 0.157 |
| 1103.00 | -0.012 | 1.900 | -0.157 | 0.126 |
| 1104.00 | -0.012 | 1.900 | -0.157 | 0.157 |
| 1105.00 | -0.012 | 1.900 | -0.157 | 0.126 |
| 1106.00 | -0.012 | 1.979 | -0.157 | 0.157 |
| 1107.00 | -0.012 | 1.979 | -0.157 | 0.126 |



CHM 003 0925

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1108.00 | -0.012 | 1.900 | -0.189 | 0.126 |
| 1109.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1110.00 | -0.012 | 1.979 | -0.157 | 0.126 |
| 1111.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1112.00 | -0.012 | 1.979 | -0.189 | 0.157 |
| 1113.00 | -0.012 | 1.900 | -0.157 | 0.126 |
| 1114.00 | -0.012 | 1.979 | -0.189 | 0.126 |
| 1115.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1116.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1117.00 | -0.019 | 1.979 | -0.157 | 0.157 |
| 1118.00 | -0.012 | 1.900 | -0.157 | 0.126 |
| 1119.00 | -0.019 | 1.900 | -0.157 | 0.157 |
| 1120.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1121.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1122.00 | -0.019 | 1.979 | -0.157 | 0.157 |
| 1123.00 | -0.012 | 1.900 | -0.157 | 0.157 |
| 1124.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1125.00 | -0.012 | 1.979 | -0.189 | 0.126 |
| 1126.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1127.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1128.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1129.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1130.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1131.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1132.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1133.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1134.00 | -0.019 | 1.979 | -0.157 | 0.126 |
| 1135.00 | -0.019 | 1.979 | -0.157 | 0.126 |
| 1136.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1137.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1138.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1139.00 | -0.019 | 1.900 | -0.157 | 0.126 |
| 1140.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1141.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1142.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1143.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1144.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1145.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1146.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1147.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1148.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1149.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1150.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1151.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1152.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1153.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1154.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1155.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1156.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1157.00 | -0.019 | 1.979 | -0.157 | 0.126 |
| 1158.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1159.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1160.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1161.00 | -0.025 | 1.979 | -0.189 | 0.126 |



CHM 003 0926

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1162.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1163.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1164.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1165.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1166.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1167.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1168.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1169.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1170.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1171.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1172.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1173.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1174.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1175.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1176.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1177.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1178.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1179.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1180.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1181.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1182.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1183.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1184.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1185.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1186.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1187.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1188.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1189.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1190.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1191.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1192.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1193.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1194.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1195.00 | -0.031 | 1.900 | -0.189 | 0.126 |
| 1196.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1197.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1198.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1199.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1200.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1201.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1202.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1203.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1204.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1205.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1206.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1207.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1208.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1209.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1210.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1211.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1212.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1213.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1214.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1215.00 | -0.025 | 1.900 | -0.189 | 0.126 |



CHM 003 0927

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1216.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1217.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1218.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1219.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1220.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1221.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1222.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1223.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1224.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1225.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1226.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1227.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1228.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1229.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1230.00 | -0.025 | 1.900 | -0.157 | 0.126 |
| 1231.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1232.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1233.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1234.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1235.00 | -0.025 | 1.979 | -0.157 | 0.126 |
| 1236.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1237.00 | -0.025 | 1.900 | -0.189 | 0.157 |
| 1238.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1239.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1240.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1241.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1242.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1243.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1244.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1245.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1246.00 | -0.025 | 1.900 | -0.189 | 0.157 |
| 1247.00 | -0.025 | 1.979 | -0.189 | 0.157 |
| 1248.00 | -0.025 | 1.900 | -0.189 | 0.157 |
| 1249.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1250.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1251.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1252.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1253.00 | -0.025 | 1.979 | -0.189 | 0.157 |
| 1254.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1255.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1256.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1257.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1258.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1259.00 | -0.025 | 1.900 | -0.189 | 0.157 |
| 1260.00 | -0.025 | 1.900 | -0.189 | 0.126 |
| 1261.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1262.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1263.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1264.00 | -0.019 | 1.900 | -0.189 | 0.157 |
| 1265.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1266.00 | -0.019 | 1.900 | -0.189 | 0.157 |
| 1267.00 | -0.025 | 1.979 | -0.189 | 0.126 |
| 1268.00 | -0.025 | 1.979 | -0.157 | 0.126 |
| 1269.00 | -0.019 | 1.979 | -0.189 | 0.126 |



CHM 003 0928

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1270.00 | -0.019 | 1.979 | -0.189 | 0.157 |
| 1271.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1272.00 | -0.019 | 1.979 | -0.157 | 0.126 |
| 1273.00 | -0.019 | 1.979 | -0.157 | 0.126 |
| 1274.00 | -0.019 | 1.979 | -0.189 | 0.157 |
| 1275.00 | -0.019 | 1.979 | -0.189 | 0.157 |
| 1276.00 | -0.019 | 1.979 | -0.189 | 0.157 |
| 1277.00 | -0.019 | 1.979 | -0.189 | 0.126 |
| 1278.00 | -0.019 | 1.900 | -0.189 | 0.157 |
| 1279.00 | -0.019 | 1.979 | -0.189 | 0.157 |
| 1280.00 | -0.019 | 1.900 | -0.189 | 0.126 |
| 1281.00 | -0.019 | 1.979 | -0.189 | 0.157 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 3 PUMP ZONE: 125' - 150' IN DMW-11

WELL ID: DMW-2

SE1000B
Environmental Logger
11/30 08:56

Unit# 01010 Test# 0

INPUT 2: Level (F) TOC

Reference 0.00
Scale factor 20.02
Offset - 0.02

Step# 0 11/29 09:46

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.00 |
| 26.0000 | 0.00 |
| 28.0000 | 0.00 |
| 30.0000 | 0.01 |
| 32.0000 | 0.01 |
| 34.0000 | 0.01 |
| 36.0000 | 0.01 |
| 38.0000 | 0.01 |
| 40.0000 | 0.01 |
| 42.0000 | 0.01 |
| 44.0000 | 0.01 |
| 46.0000 | 0.01 |
| 48.0000 | 0.01 |
| 50.0000 | 0.01 |
| 52.0000 | 0.01 |
| 54.0000 | 0.02 |
| 56.0000 | 0.02 |
| 58.0000 | 0.02 |
| 60.0000 | 0.03 |
| 62.0000 | 0.03 |
| 64.0000 | 0.03 |
| 66.0000 | 0.03 |
| 68.0000 | 0.03 |



CHM 003 0930

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.03 |
| 72.0000 | 0.03 |
| 74.0000 | 0.03 |
| 76.0000 | 0.03 |
| 78.0000 | 0.04 |
| 80.0000 | 0.04 |
| 82.0000 | 0.05 |
| 84.0000 | 0.05 |
| 86.0000 | 0.05 |
| 88.0000 | 0.05 |
| 90.0000 | 0.05 |
| 92.0000 | 0.05 |
| 94.0000 | 0.06 |
| 96.0000 | 0.06 |
| 98.0000 | 0.06 |
| 100.000 | 0.06 |
| 102.000 | 0.06 |
| 104.000 | 0.07 |
| 106.000 | 0.07 |
| 108.000 | 0.08 |
| 110.000 | 0.08 |
| 112.000 | 0.08 |
| 114.000 | 0.08 |
| 116.000 | 0.08 |
| 118.000 | 0.09 |
| 120.000 | 0.10 |
| 122.000 | 0.09 |
| 124.000 | 0.09 |
| 126.000 | 0.10 |
| 128.000 | 0.10 |
| 130.000 | 0.10 |
| 132.000 | 0.11 |
| 134.000 | 0.11 |
| 136.000 | 0.11 |
| 138.000 | 0.12 |
| 140.000 | 0.12 |
| 142.000 | 0.12 |
| 144.000 | 0.12 |
| 146.000 | 0.12 |
| 148.000 | 0.12 |
| 150.000 | 0.12 |
| 152.000 | 0.12 |
| 154.000 | 0.13 |
| 156.000 | 0.13 |
| 158.000 | 0.13 |
| 160.000 | 0.13 |
| 162.000 | 0.13 |
| 164.000 | 0.14 |
| 166.000 | 0.14 |
| 168.000 | 0.15 |
| 170.000 | 0.15 |
| 172.000 | 0.15 |
| 174.000 | 0.15 |
| 176.000 | 0.15 |



CHM 003 0931

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.15 |
| 180.000 | 0.15 |
| 182.000 | 0.15 |
| 184.000 | 0.16 |
| 186.000 | 0.16 |
| 188.000 | 0.16 |
| 190.000 | 0.16 |
| 192.000 | 0.16 |
| 194.000 | 0.16 |
| 196.000 | 0.16 |
| 198.000 | 0.17 |
| 200.000 | 0.17 |
| 202.000 | 0.17 |
| 204.000 | 0.17 |
| 206.000 | 0.17 |
| 208.000 | 0.17 |
| 210.000 | 0.18 |
| 212.000 | 0.18 |
| 214.000 | 0.18 |
| 216.000 | 0.17 |
| 218.000 | 0.17 |
| 220.000 | 0.17 |
| 222.000 | 0.18 |
| 224.000 | 0.18 |
| 226.000 | 0.18 |
| 228.000 | 0.18 |
| 230.000 | 0.18 |
| 232.000 | 0.18 |
| 234.000 | 0.19 |
| 236.000 | 0.18 |
| 238.000 | 0.18 |
| 240.000 | 0.18 |
| 242.000 | 0.19 |
| 244.000 | 0.20 |
| 246.000 | 0.19 |
| 248.000 | 0.20 |
| 250.000 | 0.20 |
| 252.000 | 0.20 |
| 254.000 | 0.20 |
| 256.000 | 0.20 |
| 258.000 | 0.20 |
| 260.000 | 0.20 |
| 262.000 | 0.20 |
| 264.000 | 0.20 |
| 266.000 | 0.20 |
| 268.000 | 0.20 |
| 270.000 | 0.20 |
| 272.000 | 0.20 |
| 274.000 | 0.20 |
| 276.000 | 0.20 |
| 278.000 | 0.20 |
| 280.000 | 0.21 |
| 282.000 | 0.21 |
| 284.000 | 0.20 |



CHM 003 0932

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.20 |
| 288.000 | 0.20 |
| 290.000 | 0.21 |
| 292.000 | 0.21 |
| 294.000 | 0.21 |
| 296.000 | 0.21 |
| 298.000 | 0.21 |
| 300.000 | 0.21 |
| 302.000 | 0.21 |
| 304.000 | 0.21 |
| 306.000 | 0.21 |
| 308.000 | 0.21 |
| 310.000 | 0.21 |
| 312.000 | 0.21 |
| 314.000 | 0.21 |
| 316.000 | 0.21 |
| 318.000 | 0.21 |
| 320.000 | 0.22 |
| 322.000 | 0.21 |
| 324.000 | 0.21 |
| 326.000 | 0.21 |
| 328.000 | 0.21 |
| 330.000 | 0.21 |
| 332.000 | 0.21 |
| 334.000 | 0.21 |
| 336.000 | 0.21 |
| 338.000 | 0.21 |
| 340.000 | 0.21 |
| 342.000 | 0.21 |
| 344.000 | 0.21 |
| 346.000 | 0.21 |
| 348.000 | 0.21 |
| 350.000 | 0.21 |
| 352.000 | 0.20 |
| 354.000 | 0.21 |
| 356.000 | 0.20 |
| 358.000 | 0.20 |
| 360.000 | 0.20 |
| 362.000 | 0.20 |
| 364.000 | 0.20 |
| 366.000 | 0.20 |
| 368.000 | 0.20 |
| 370.000 | 0.18 |
| 372.000 | 0.20 |
| 374.000 | 0.20 |
| 376.000 | 0.20 |
| 378.000 | 0.20 |
| 380.000 | 0.20 |
| 382.000 | 0.20 |
| 384.000 | 0.20 |
| 386.000 | 0.20 |
| 388.000 | 0.20 |
| 390.000 | 0.20 |
| 392.000 | 0.20 |



CHM 003 0933

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.20 |
| 396.000 | 0.20 |
| 398.000 | 0.20 |
| 400.000 | 0.20 |
| 402.000 | 0.20 |
| 404.000 | 0.20 |
| 406.000 | 0.20 |
| 408.000 | 0.20 |
| 410.000 | 0.20 |
| 412.000 | 0.20 |
| 414.000 | 0.20 |
| 416.000 | 0.20 |
| 418.000 | 0.20 |
| 420.000 | 0.20 |
| 422.000 | 0.20 |
| 424.000 | 0.20 |
| 426.000 | 0.20 |
| 428.000 | 0.18 |
| 430.000 | 0.20 |
| 432.000 | 0.20 |
| 434.000 | 0.20 |
| 436.000 | 0.20 |
| 438.000 | 0.20 |
| 440.000 | 0.20 |
| 442.000 | 0.20 |
| 444.000 | 0.20 |
| 446.000 | 0.20 |
| 448.000 | 0.20 |
| 450.000 | 0.20 |
| 452.000 | 0.20 |
| 454.000 | 0.20 |
| 456.000 | 0.20 |
| 458.000 | 0.20 |
| 460.000 | 0.20 |
| 462.000 | 0.20 |
| 464.000 | 0.20 |
| 466.000 | 0.20 |
| 468.000 | 0.20 |
| 470.000 | 0.20 |
| 472.000 | 0.20 |
| 474.000 | 0.20 |
| 476.000 | 0.20 |
| 478.000 | 0.20 |
| 480.000 | 0.20 |
| 482.000 | 0.20 |
| 484.000 | 0.21 |
| 486.000 | 0.21 |
| 488.000 | 0.20 |
| 490.000 | 0.20 |
| 492.000 | 0.21 |
| 494.000 | 0.21 |
| 496.000 | 0.21 |
| 498.000 | 0.21 |
| 500.000 | 0.21 |



CHM 003 0934

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.21 |
| 504.000 | 0.21 |
| 506.000 | 0.21 |
| 508.000 | 0.21 |
| 510.000 | 0.21 |
| 512.000 | 0.21 |
| 514.000 | 0.21 |
| 516.000 | 0.21 |
| 518.000 | 0.22 |
| 520.000 | 0.21 |
| 522.000 | 0.21 |
| 524.000 | 0.21 |
| 526.000 | 0.22 |
| 528.000 | 0.21 |
| 530.000 | 0.22 |
| 532.000 | 0.22 |
| 534.000 | 0.22 |
| 536.000 | 0.22 |
| 538.000 | 0.22 |
| 540.000 | 0.22 |
| 542.000 | 0.22 |
| 544.000 | 0.22 |
| 546.000 | 0.22 |
| 548.000 | 0.22 |
| 550.000 | 0.22 |
| 552.000 | 0.22 |
| 554.000 | 0.22 |
| 556.000 | 0.22 |
| 558.000 | 0.22 |
| 560.000 | 0.22 |
| 562.000 | 0.22 |
| 564.000 | 0.22 |
| 566.000 | 0.22 |
| 568.000 | 0.22 |
| 570.000 | 0.22 |
| 572.000 | 0.22 |
| 574.000 | 0.22 |
| 576.000 | 0.22 |
| 578.000 | 0.22 |
| 580.000 | 0.22 |
| 582.000 | 0.22 |
| 584.000 | 0.22 |
| 586.000 | 0.22 |
| 588.000 | 0.22 |
| 590.000 | 0.22 |
| 592.000 | 0.22 |
| 594.000 | 0.22 |
| 596.000 | 0.22 |
| 598.000 | 0.22 |
| 600.000 | 0.22 |
| 602.000 | 0.22 |
| 604.000 | 0.22 |
| 606.000 | 0.22 |
| 608.000 | 0.22 |



CHM 003 0735

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.22 |
| 612.000 | 0.23 |
| 614.000 | 0.22 |
| 616.000 | 0.23 |
| 618.000 | 0.23 |
| 620.000 | 0.22 |
| 622.000 | 0.23 |
| 624.000 | 0.22 |
| 626.000 | 0.23 |
| 628.000 | 0.23 |
| 630.000 | 0.23 |
| 632.000 | 0.23 |
| 634.000 | 0.23 |
| 636.000 | 0.23 |
| 638.000 | 0.23 |
| 640.000 | 0.23 |
| 642.000 | 0.23 |
| 644.000 | 0.23 |
| 646.000 | 0.24 |
| 648.000 | 0.24 |
| 650.000 | 0.24 |
| 652.000 | 0.24 |
| 654.000 | 0.24 |
| 656.000 | 0.24 |
| 658.000 | 0.24 |
| 660.000 | 0.24 |
| 662.000 | 0.24 |
| 664.000 | 0.24 |
| 666.000 | 0.24 |
| 668.000 | 0.24 |
| 670.000 | 0.24 |
| 672.000 | 0.24 |
| 674.000 | 0.24 |
| 676.000 | 0.24 |
| 678.000 | 0.24 |
| 680.000 | 0.24 |
| 682.000 | 0.24 |
| 684.000 | 0.24 |
| 686.000 | 0.24 |
| 688.000 | 0.24 |
| 690.000 | 0.24 |
| 692.000 | 0.24 |
| 694.000 | 0.24 |
| 696.000 | 0.24 |
| 698.000 | 0.24 |
| 700.000 | 0.24 |
| 702.000 | 0.25 |
| 704.000 | 0.25 |
| 706.000 | 0.25 |
| 708.000 | 0.25 |
| 710.000 | 0.25 |
| 712.000 | 0.25 |
| 714.000 | 0.25 |
| 716.000 | 0.25 |



CHM 003 0936

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.25 |
| 720.000 | 0.25 |
| 722.000 | 0.25 |
| 724.000 | 0.25 |
| 726.000 | 0.25 |
| 728.000 | 0.25 |
| 730.000 | 0.25 |
| 732.000 | 0.25 |
| 734.000 | 0.25 |
| 736.000 | 0.25 |
| 738.000 | 0.25 |
| 740.000 | 0.25 |
| 742.000 | 0.25 |
| 744.000 | 0.25 |
| 746.000 | 0.25 |
| 748.000 | 0.25 |
| 750.000 | 0.25 |
| 752.000 | 0.25 |
| 754.000 | 0.25 |
| 756.000 | 0.25 |
| 758.000 | 0.25 |
| 760.000 | 0.25 |
| 762.000 | 0.25 |
| 764.000 | 0.25 |
| 766.000 | 0.25 |
| 768.000 | 0.26 |
| 770.000 | 0.25 |
| 772.000 | 0.25 |
| 774.000 | 0.26 |
| 776.000 | 0.25 |
| 778.000 | 0.25 |
| 780.000 | 0.25 |
| 782.000 | 0.25 |
| 784.000 | 0.25 |
| 786.000 | 0.25 |
| 788.000 | 0.25 |
| 790.000 | 0.25 |
| 792.000 | 0.25 |
| 794.000 | 0.25 |
| 796.000 | 0.25 |
| 798.000 | 0.25 |
| 800.000 | 0.25 |
| 802.000 | 0.25 |
| 804.000 | 0.25 |
| 806.000 | 0.25 |
| 808.000 | 0.25 |
| 810.000 | 0.25 |
| 812.000 | 0.25 |
| 814.000 | 0.25 |
| 816.000 | 0.25 |
| 818.000 | 0.25 |
| 820.000 | 0.25 |
| 822.000 | 0.25 |
| 824.000 | 0.25 |



OHM 003 0937

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.25 |
| 828.000 | 0.25 |
| 830.000 | 0.25 |
| 832.000 | 0.25 |
| 834.000 | 0.25 |
| 836.000 | 0.25 |
| 838.000 | 0.25 |
| 840.000 | 0.25 |
| 842.000 | 0.25 |
| 844.000 | 0.25 |
| 846.000 | 0.25 |
| 848.000 | 0.25 |
| 850.000 | 0.25 |
| 852.000 | 0.25 |
| 854.000 | 0.25 |
| 856.000 | 0.25 |
| 858.000 | 0.25 |
| 860.000 | 0.25 |
| 862.000 | 0.25 |
| 864.000 | 0.25 |
| 866.000 | 0.25 |
| 868.000 | 0.25 |
| 870.000 | 0.25 |
| 872.000 | 0.25 |
| 874.000 | 0.25 |
| 876.000 | 0.25 |
| 878.000 | 0.25 |
| 880.000 | 0.25 |
| 882.000 | 0.25 |
| 884.000 | 0.25 |
| 886.000 | 0.25 |
| 888.000 | 0.24 |
| 890.000 | 0.25 |
| 892.000 | 0.25 |
| 894.000 | 0.24 |
| 896.000 | 0.25 |
| 898.000 | 0.24 |
| 900.000 | 0.24 |
| 902.000 | 0.24 |
| 904.000 | 0.24 |
| 906.000 | 0.24 |
| 908.000 | 0.24 |
| 910.000 | 0.24 |
| 912.000 | 0.24 |
| 914.000 | 0.24 |
| 916.000 | 0.24 |
| 918.000 | 0.24 |
| 920.000 | 0.24 |
| 922.000 | 0.24 |
| 924.000 | 0.24 |
| 926.000 | 0.24 |
| 928.000 | 0.24 |
| 930.000 | 0.24 |
| 932.000 | 0.24 |



CHM 003 0938

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.24 |
| 936.000 | 0.24 |
| 938.000 | 0.24 |
| 940.000 | 0.24 |
| 942.000 | 0.24 |
| 944.000 | 0.24 |
| 946.000 | 0.23 |
| 948.000 | 0.23 |
| 950.000 | 0.23 |
| 952.000 | 0.23 |
| 954.000 | 0.23 |
| 956.000 | 0.23 |
| 958.000 | 0.23 |
| 960.000 | 0.23 |
| 962.000 | 0.23 |
| 964.000 | 0.22 |
| 966.000 | 0.23 |
| 968.000 | 0.23 |
| 970.000 | 0.22 |
| 972.000 | 0.22 |
| 974.000 | 0.22 |
| 976.000 | 0.22 |
| 978.000 | 0.22 |
| 980.000 | 0.22 |
| 982.000 | 0.22 |
| 984.000 | 0.22 |
| 986.000 | 0.22 |
| 988.000 | 0.22 |
| 990.000 | 0.22 |
| 992.000 | 0.22 |
| 994.000 | 0.22 |
| 996.000 | 0.22 |
| 998.000 | 0.21 |
| 1000.00 | 0.22 |
| 1002.00 | 0.21 |
| 1004.00 | 0.21 |
| 1006.00 | 0.21 |
| 1008.00 | 0.21 |
| 1010.00 | 0.21 |
| 1012.00 | 0.21 |
| 1014.00 | 0.21 |
| 1016.00 | 0.21 |
| 1018.00 | 0.20 |
| 1020.00 | 0.20 |
| 1022.00 | 0.20 |
| 1024.00 | 0.20 |
| 1026.00 | 0.20 |
| 1028.00 | 0.20 |
| 1030.00 | 0.20 |
| 1032.00 | 0.20 |
| 1034.00 | 0.20 |
| 1036.00 | 0.20 |
| 1038.00 | 0.20 |
| 1040.00 | 0.20 |



CHM 003 0939

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.20 |
| 1044.00 | 0.20 |
| 1046.00 | 0.20 |
| 1048.00 | 0.20 |
| 1050.00 | 0.19 |
| 1052.00 | 0.19 |
| 1054.00 | 0.19 |
| 1056.00 | 0.19 |
| 1058.00 | 0.19 |
| 1060.00 | 0.19 |
| 1062.00 | 0.19 |
| 1064.00 | 0.19 |
| 1066.00 | 0.19 |
| 1068.00 | 0.19 |
| 1070.00 | 0.18 |
| 1072.00 | 0.18 |
| 1074.00 | 0.18 |
| 1076.00 | 0.18 |
| 1078.00 | 0.18 |
| 1080.00 | 0.18 |
| 1082.00 | 0.18 |
| 1084.00 | 0.18 |
| 1086.00 | 0.18 |
| 1088.00 | 0.18 |
| 1090.00 | 0.18 |
| 1092.00 | 0.18 |
| 1094.00 | 0.18 |
| 1096.00 | 0.18 |
| 1098.00 | 0.18 |
| 1100.00 | 0.18 |
| 1102.00 | 0.18 |
| 1104.00 | 0.18 |
| 1106.00 | 0.18 |
| 1108.00 | 0.18 |
| 1110.00 | 0.18 |
| 1112.00 | 0.18 |
| 1114.00 | 0.17 |
| 1116.00 | 0.17 |
| 1118.00 | 0.17 |
| 1120.00 | 0.17 |
| 1122.00 | 0.17 |
| 1124.00 | 0.17 |
| 1126.00 | 0.17 |
| 1128.00 | 0.17 |
| 1130.00 | 0.17 |
| 1132.00 | 0.17 |
| 1134.00 | 0.17 |
| 1136.00 | 0.17 |
| 1138.00 | 0.17 |
| 1140.00 | 0.17 |
| 1142.00 | 0.17 |
| 1144.00 | 0.17 |
| 1146.00 | 0.17 |
| 1148.00 | 0.17 |



CHM 003 0940

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.17 |
| 1152.00 | 0.17 |
| 1154.00 | 0.17 |
| 1156.00 | 0.17 |
| 1158.00 | 0.17 |
| 1160.00 | 0.17 |
| 1162.00 | 0.17 |
| 1164.00 | 0.17 |
| 1166.00 | 0.17 |
| 1168.00 | 0.17 |
| 1170.00 | 0.17 |
| 1172.00 | 0.17 |
| 1174.00 | 0.17 |
| 1176.00 | 0.17 |
| 1178.00 | 0.17 |
| 1180.00 | 0.17 |
| 1182.00 | 0.17 |
| 1184.00 | 0.17 |
| 1186.00 | 0.17 |
| 1188.00 | 0.17 |
| 1190.00 | 0.17 |
| 1192.00 | 0.17 |
| 1194.00 | 0.17 |
| 1196.00 | 0.17 |
| 1198.00 | 0.17 |
| 1200.00 | 0.17 |
| 1202.00 | 0.17 |
| 1204.00 | 0.17 |
| 1206.00 | 0.17 |
| 1208.00 | 0.17 |
| 1210.00 | 0.17 |
| 1212.00 | 0.17 |
| 1214.00 | 0.17 |
| 1216.00 | 0.17 |
| 1218.00 | 0.17 |
| 1220.00 | 0.17 |
| 1222.00 | 0.17 |
| 1224.00 | 0.17 |
| 1226.00 | 0.17 |
| 1228.00 | 0.17 |
| 1230.00 | 0.17 |
| 1232.00 | 0.17 |
| 1234.00 | 0.17 |
| 1236.00 | 0.17 |
| 1238.00 | 0.17 |
| 1240.00 | 0.17 |
| 1242.00 | 0.17 |
| 1244.00 | 0.17 |
| 1246.00 | 0.17 |
| 1248.00 | 0.17 |
| 1250.00 | 0.17 |
| 1252.00 | 0.17 |
| 1254.00 | 0.17 |
| 1256.00 | 0.17 |



CHM 003 0941

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 3 PUMP ZONE: 125' - 150' IN DMW-11

WELL ID:

SE2000
Environmental Logger
11/30 08:19

Unit# 436 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 | TW4 | TW3 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 | 0.115 | 0.274 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 | 20.009 | 29.998 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 | 0.091 | -0.084 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/29 09:25:58

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 0.0000 | 0.000 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 2.0000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.006 | 0.009 |
| 4.0000 | 0.012 | -0.009 | 0.000 | 0.000 | 0.006 | -0.009 |
| 6.0000 | 0.019 | 0.000 | 0.009 | 0.000 | 0.006 | 0.009 |
| 8.0000 | 0.019 | 0.000 | 0.009 | 0.000 | 0.006 | 0.009 |
| 10.0000 | 0.019 | 0.000 | 0.009 | 0.000 | 0.006 | -0.009 |
| 12.0000 | 0.012 | 0.000 | 0.009 | 0.000 | 0.006 | 0.000 |
| 14.0000 | 0.012 | 0.000 | 0.009 | 0.006 | 0.006 | 0.000 |
| 16.0000 | 0.025 | 0.000 | 0.009 | 0.006 | 0.006 | 0.009 |
| 18.0000 | 0.025 | 0.000 | 0.009 | 0.000 | 0.006 | 0.000 |
| 20.0000 | 0.025 | 0.000 | 0.009 | 0.006 | 0.012 | 0.009 |
| 22.0000 | 0.025 | 0.000 | 0.009 | 0.006 | 0.012 | 0.019 |
| 24.0000 | 0.038 | 0.000 | 0.009 | 0.006 | 0.012 | 0.009 |
| 26.0000 | 0.019 | 0.000 | 0.009 | 0.000 | 0.012 | 0.000 |
| 28.0000 | 0.025 | 0.000 | 0.009 | 0.006 | 0.012 | 0.000 |
| 30.0000 | 0.025 | 0.000 | 0.009 | 0.006 | 0.012 | 0.009 |
| 32.0000 | 0.038 | 0.009 | 0.018 | 0.012 | 0.012 | 0.009 |
| 34.0000 | 0.044 | 0.009 | 0.018 | 0.006 | 0.012 | 0.009 |
| 36.0000 | 0.050 | 0.009 | 0.018 | 0.012 | 0.012 | 0.009 |
| 38.0000 | 0.057 | 0.009 | 0.009 | 0.012 | 0.012 | 0.019 |
| 40.0000 | 0.038 | 0.009 | 0.018 | 0.012 | 0.012 | -0.019 |
| 42.0000 | 0.050 | 0.009 | 0.018 | 0.012 | 0.012 | 0.009 |
| 44.0000 | 0.063 | 0.009 | 0.028 | 0.012 | 0.012 | 0.009 |
| 46.0000 | 0.057 | 0.009 | 0.028 | 0.012 | 0.012 | 0.019 |
| 48.0000 | 0.050 | 0.009 | 0.028 | 0.019 | 0.012 | -0.009 |
| 50.0000 | 0.038 | 0.019 | 0.037 | 0.012 | 0.012 | 0.000 |
| 52.0000 | 0.038 | 0.009 | 0.028 | 0.012 | 0.012 | 0.009 |
| 54.0000 | 0.050 | 0.019 | 0.037 | 0.019 | 0.012 | 0.019 |



CHM 003 0942

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 56.0000 | 0.050 | 0.019 | 0.037 | 0.019 | 0.012 | 0.019 |
| 58.0000 | 0.038 | 0.019 | 0.037 | 0.019 | 0.012 | 0.000 |
| 60.0000 | 0.038 | 0.019 | 0.047 | 0.019 | 0.012 | 0.019 |
| 62.0000 | 0.057 | 0.019 | 0.056 | 0.019 | 0.012 | 0.019 |
| 64.0000 | 0.057 | 0.019 | 0.056 | 0.025 | 0.012 | 0.009 |
| 66.0000 | 0.063 | 0.019 | 0.066 | 0.019 | 0.012 | 0.009 |
| 68.0000 | 0.070 | 0.019 | 0.075 | 0.025 | 0.012 | 0.009 |
| 70.0000 | 0.076 | 0.019 | 0.075 | 0.019 | 0.012 | 0.019 |
| 72.0000 | 0.050 | 0.019 | 0.085 | 0.019 | 0.018 | -0.009 |
| 74.0000 | 0.070 | 0.028 | 0.085 | 0.025 | 0.012 | 0.019 |
| 76.0000 | 0.057 | 0.028 | 0.094 | 0.025 | 0.012 | 0.009 |
| 78.0000 | 0.082 | 0.028 | 0.094 | 0.019 | 0.012 | 0.019 |
| 80.0000 | 0.070 | 0.028 | 0.104 | 0.025 | 0.012 | 0.019 |
| 82.0000 | 0.076 | 0.028 | 0.104 | 0.025 | 0.012 | 0.028 |
| 84.0000 | 0.076 | 0.028 | 0.104 | 0.025 | 0.012 | 0.019 |
| 86.0000 | 0.076 | 0.028 | 0.113 | 0.019 | 0.012 | 0.019 |
| 88.0000 | 0.095 | 0.038 | 0.113 | 0.025 | 0.012 | 0.019 |
| 90.0000 | 0.089 | 0.038 | 0.113 | 0.031 | 0.012 | 0.009 |
| 92.0000 | 0.082 | 0.038 | 0.123 | 0.031 | 0.012 | 0.009 |
| 94.0000 | 0.095 | 0.038 | 0.123 | 0.025 | 0.012 | 0.019 |
| 96.0000 | 0.095 | 0.038 | 0.123 | 0.025 | 0.012 | 0.000 |
| 98.0000 | 0.121 | 0.038 | 0.132 | 0.025 | 0.012 | 0.009 |
| 100.000 | 0.101 | 0.047 | 0.132 | 0.025 | 0.012 | 0.009 |
| 102.000 | 0.127 | 0.047 | 0.142 | 0.031 | 0.012 | 0.019 |
| 104.000 | 0.127 | 0.047 | 0.151 | 0.031 | 0.012 | 0.028 |
| 106.000 | 0.127 | 0.047 | 0.151 | 0.025 | 0.012 | 0.009 |
| 108.000 | 0.140 | 0.057 | 0.170 | 0.031 | 0.012 | 0.019 |
| 110.000 | 0.133 | 0.057 | 0.180 | 0.038 | 0.012 | 0.009 |
| 112.000 | 0.133 | 0.057 | 0.189 | 0.038 | 0.006 | 0.009 |
| 114.000 | 0.146 | 0.057 | 0.199 | 0.031 | 0.012 | -0.009 |
| 116.000 | 0.146 | 0.066 | 0.208 | 0.025 | 0.012 | 0.000 |
| 118.000 | 0.159 | 0.066 | 0.208 | 0.038 | 0.006 | 0.009 |
| 120.000 | 0.146 | 0.066 | 0.218 | 0.038 | 0.006 | 0.000 |
| 122.000 | 0.140 | 0.076 | 0.227 | 0.031 | 0.006 | 0.000 |
| 124.000 | 0.172 | 0.076 | 0.237 | 0.031 | 0.006 | 0.019 |
| 126.000 | 0.172 | 0.076 | 0.246 | 0.038 | 0.006 | 0.000 |
| 128.000 | 0.165 | 0.085 | 0.256 | 0.038 | 0.006 | 0.009 |
| 130.000 | 0.191 | 0.085 | 0.265 | 0.038 | 0.006 | 0.028 |
| 132.000 | 0.197 | 0.085 | 0.275 | 0.038 | 0.006 | 0.009 |
| 134.000 | 0.210 | 0.095 | 0.284 | 0.044 | 0.006 | 0.019 |
| 136.000 | 0.216 | 0.095 | 0.294 | 0.050 | 0.006 | 0.028 |
| 138.000 | 0.210 | 0.104 | 0.294 | 0.044 | 0.006 | 0.019 |
| 140.000 | 0.223 | 0.095 | 0.294 | 0.044 | 0.000 | 0.009 |
| 142.000 | 0.210 | 0.104 | 0.303 | 0.044 | 0.000 | -0.009 |
| 144.000 | 0.235 | 0.114 | 0.313 | 0.050 | 0.006 | 0.009 |
| 146.000 | 0.223 | 0.114 | 0.322 | 0.044 | 0.006 | -0.009 |
| 148.000 | 0.248 | 0.123 | 0.322 | 0.044 | 0.006 | 0.009 |
| 150.000 | 0.254 | 0.114 | 0.322 | 0.050 | 0.000 | 0.019 |
| 152.000 | 0.267 | 0.123 | 0.332 | 0.050 | 0.006 | 0.009 |
| 154.000 | 0.261 | 0.133 | 0.332 | 0.050 | 0.006 | 0.019 |
| 156.000 | 0.280 | 0.133 | 0.341 | 0.057 | 0.006 | 0.019 |
| 158.000 | 0.261 | 0.133 | 0.351 | 0.050 | 0.006 | 0.000 |
| 160.000 | 0.159 | 0.133 | 0.351 | 0.019 | 0.000 | -0.095 |
| 162.000 | 0.235 | 0.142 | 0.360 | 0.057 | 0.000 | -0.009 |



CHM 003 0943

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 164.000 | 0.350 | 0.152 | 0.360 | 0.076 | 0.006 | 0.057 |
| 166.000 | 0.293 | 0.152 | 0.360 | 0.057 | 0.000 | 0.009 |
| 168.000 | 0.325 | 0.161 | 0.370 | 0.069 | 0.006 | 0.028 |
| 170.000 | 0.274 | 0.161 | 0.370 | 0.076 | 0.000 | -0.028 |
| 172.000 | 0.223 | 0.161 | 0.370 | 0.038 | 0.000 | -0.057 |
| 174.000 | 0.267 | 0.161 | 0.379 | 0.050 | 0.000 | -0.009 |
| 176.000 | 0.331 | 0.171 | 0.389 | 0.050 | 0.000 | 0.019 |
| 178.000 | 0.388 | 0.171 | 0.389 | 0.082 | 0.006 | 0.057 |
| 180.000 | 0.382 | 0.180 | 0.389 | 0.082 | 0.000 | 0.038 |
| 182.000 | 0.356 | 0.180 | 0.398 | 0.076 | 0.000 | 0.028 |
| 184.000 | 0.369 | 0.180 | 0.398 | 0.076 | 0.006 | 0.009 |
| 186.000 | 0.331 | 0.180 | 0.398 | 0.057 | 0.000 | 0.000 |
| 188.000 | 0.325 | 0.180 | 0.398 | 0.044 | 0.000 | 0.009 |
| 190.000 | 0.356 | 0.199 | 0.417 | 0.082 | 0.000 | 0.019 |
| 192.000 | 0.350 | 0.199 | 0.417 | 0.082 | 0.000 | 0.000 |
| 194.000 | 0.369 | 0.199 | 0.417 | 0.082 | 0.000 | 0.028 |
| 196.000 | 0.363 | 0.199 | 0.417 | 0.082 | 0.000 | 0.009 |
| 198.000 | 0.331 | 0.199 | 0.417 | 0.069 | 0.000 | -0.019 |
| 200.000 | 0.350 | 0.209 | 0.427 | 0.082 | 0.000 | 0.000 |
| 202.000 | 0.350 | 0.199 | 0.417 | 0.063 | -0.006 | -0.009 |
| 204.000 | 0.388 | 0.209 | 0.427 | 0.095 | 0.000 | 0.019 |
| 206.000 | 0.369 | 0.218 | 0.436 | 0.089 | 0.000 | -0.019 |
| 208.000 | 0.382 | 0.218 | 0.436 | 0.095 | 0.000 | 0.000 |
| 210.000 | 0.401 | 0.218 | 0.436 | 0.089 | -0.006 | 0.028 |
| 212.000 | 0.407 | 0.218 | 0.436 | 0.095 | 0.000 | 0.009 |
| 214.000 | 0.395 | 0.228 | 0.446 | 0.089 | 0.000 | 0.009 |
| 216.000 | 0.401 | 0.228 | 0.446 | 0.089 | 0.000 | 0.000 |
| 218.000 | 0.388 | 0.228 | 0.436 | 0.082 | 0.000 | -0.009 |
| 220.000 | 0.382 | 0.228 | 0.446 | 0.095 | -0.006 | -0.028 |
| 222.000 | 0.407 | 0.238 | 0.446 | 0.101 | -0.006 | -0.009 |
| 224.000 | 0.407 | 0.238 | 0.446 | 0.095 | -0.006 | -0.009 |
| 226.000 | 0.401 | 0.238 | 0.455 | 0.089 | -0.006 | -0.009 |
| 228.000 | 0.382 | 0.238 | 0.455 | 0.095 | -0.006 | -0.028 |
| 230.000 | 0.388 | 0.238 | 0.455 | 0.095 | -0.006 | -0.038 |
| 232.000 | 0.407 | 0.238 | 0.455 | 0.101 | -0.006 | -0.028 |
| 234.000 | 0.407 | 0.247 | 0.465 | 0.101 | -0.006 | -0.019 |
| 236.000 | 0.420 | 0.247 | 0.465 | 0.101 | -0.006 | 0.000 |
| 238.000 | 0.407 | 0.238 | 0.455 | 0.089 | -0.006 | -0.028 |
| 240.000 | 0.356 | 0.238 | 0.455 | 0.101 | -0.012 | -0.076 |
| 242.000 | 0.433 | 0.257 | 0.465 | 0.114 | -0.006 | -0.009 |
| 244.000 | 0.433 | 0.257 | 0.474 | 0.108 | -0.006 | -0.028 |
| 246.000 | 0.426 | 0.257 | 0.474 | 0.108 | -0.006 | -0.019 |
| 248.000 | 0.433 | 0.257 | 0.474 | 0.108 | -0.006 | -0.009 |
| 250.000 | 0.426 | 0.257 | 0.474 | 0.114 | -0.006 | -0.019 |
| 252.000 | 0.331 | 0.257 | 0.474 | 0.082 | -0.012 | -0.095 |
| 254.000 | 0.350 | 0.257 | 0.474 | 0.095 | -0.012 | -0.066 |
| 256.000 | 0.395 | 0.266 | 0.484 | 0.120 | -0.012 | -0.019 |
| 258.000 | 0.503 | 0.257 | 0.474 | 0.133 | -0.012 | 0.066 |
| 260.000 | 0.484 | 0.266 | 0.484 | 0.120 | -0.006 | 0.038 |
| 262.000 | 0.382 | 0.266 | 0.484 | 0.101 | -0.012 | -0.038 |
| 264.000 | 0.363 | 0.266 | 0.484 | 0.108 | -0.012 | -0.038 |
| 266.000 | 0.395 | 0.266 | 0.484 | 0.120 | -0.012 | 0.000 |
| 268.000 | 0.452 | 0.276 | 0.493 | 0.146 | -0.012 | 0.057 |
| 270.000 | 0.439 | 0.276 | 0.493 | 0.139 | -0.012 | 0.019 |



CHM 003 0944

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 272.000 | 0.407 | 0.276 | 0.493 | 0.108 | -0.012 | 0.009 |
| 274.000 | 0.433 | 0.276 | 0.493 | 0.127 | -0.012 | 0.038 |
| 276.000 | 0.439 | 0.276 | 0.493 | 0.127 | -0.012 | 0.028 |
| 278.000 | 0.503 | 0.285 | 0.503 | 0.152 | -0.012 | 0.085 |
| 280.000 | 0.522 | 0.285 | 0.503 | 0.146 | -0.012 | 0.076 |
| 282.000 | 0.497 | 0.285 | 0.503 | 0.133 | -0.012 | 0.047 |
| 284.000 | 0.471 | 0.285 | 0.503 | 0.133 | -0.012 | 0.038 |
| 286.000 | 0.471 | 0.285 | 0.503 | 0.133 | -0.012 | 0.028 |
| 288.000 | 0.484 | 0.285 | 0.503 | 0.139 | -0.012 | 0.038 |
| 290.000 | 0.477 | 0.285 | 0.503 | 0.146 | -0.012 | 0.028 |
| 292.000 | 0.465 | 0.285 | 0.512 | 0.139 | -0.012 | 0.019 |
| 294.000 | 0.465 | 0.295 | 0.512 | 0.139 | -0.012 | 0.028 |
| 296.000 | 0.484 | 0.295 | 0.512 | 0.146 | -0.012 | 0.019 |
| 298.000 | 0.471 | 0.295 | 0.512 | 0.139 | -0.012 | 0.019 |
| 300.000 | 0.465 | 0.295 | 0.512 | 0.146 | -0.012 | 0.009 |
| 302.000 | 0.465 | 0.295 | 0.512 | 0.139 | -0.018 | 0.019 |
| 304.000 | 0.458 | 0.295 | 0.512 | 0.139 | -0.018 | 0.000 |
| 306.000 | 0.439 | 0.295 | 0.512 | 0.139 | -0.018 | -0.009 |
| 308.000 | 0.446 | 0.295 | 0.522 | 0.139 | -0.018 | -0.009 |
| 310.000 | 0.414 | 0.295 | 0.512 | 0.133 | -0.018 | -0.038 |
| 312.000 | 0.420 | 0.295 | 0.522 | 0.139 | -0.018 | -0.038 |
| 314.000 | 0.465 | 0.304 | 0.522 | 0.158 | -0.018 | 0.000 |
| 316.000 | 0.503 | 0.304 | 0.522 | 0.158 | -0.018 | 0.028 |
| 318.000 | 0.484 | 0.304 | 0.522 | 0.158 | -0.018 | 0.009 |
| 320.000 | 0.452 | 0.295 | 0.522 | 0.139 | -0.018 | -0.038 |
| 322.000 | 0.484 | 0.304 | 0.531 | 0.158 | -0.018 | 0.009 |
| 324.000 | 0.452 | 0.304 | 0.531 | 0.146 | -0.018 | -0.047 |
| 326.000 | 0.452 | 0.304 | 0.522 | 0.152 | -0.037 | -0.038 |
| 328.000 | 0.452 | 0.304 | 0.531 | 0.152 | -0.031 | -0.019 |
| 330.000 | 0.465 | 0.304 | 0.531 | 0.152 | -0.031 | -0.019 |
| 332.000 | 0.465 | 0.304 | 0.522 | 0.152 | -0.037 | -0.019 |
| 334.000 | 0.465 | 0.314 | 0.522 | 0.158 | -0.037 | -0.019 |
| 336.000 | 0.484 | 0.314 | 0.503 | 0.158 | -0.037 | -0.019 |
| 338.000 | 0.465 | 0.314 | 0.493 | 0.158 | -0.037 | -0.019 |
| 340.000 | 0.465 | 0.314 | 0.484 | 0.158 | -0.037 | -0.019 |
| 342.000 | 0.471 | 0.314 | 0.465 | 0.158 | -0.037 | -0.019 |
| 344.000 | 0.471 | 0.314 | 0.455 | 0.165 | -0.037 | -0.028 |
| 346.000 | 0.471 | 0.314 | 0.446 | 0.165 | -0.037 | -0.028 |
| 348.000 | 0.465 | 0.314 | 0.436 | 0.165 | -0.037 | -0.028 |
| 350.000 | 0.465 | 0.314 | 0.427 | 0.165 | -0.037 | -0.028 |
| 352.000 | 0.458 | 0.304 | 0.417 | 0.165 | -0.037 | -0.028 |
| 354.000 | 0.446 | 0.304 | 0.408 | 0.165 | -0.037 | -0.028 |
| 356.000 | 0.433 | 0.304 | 0.398 | 0.171 | -0.037 | -0.028 |
| 358.000 | 0.426 | 0.304 | 0.398 | 0.171 | -0.037 | -0.028 |
| 360.000 | 0.420 | 0.295 | 0.379 | 0.165 | -0.044 | -0.028 |
| 362.000 | 0.414 | 0.295 | 0.379 | 0.171 | -0.044 | -0.038 |
| 364.000 | 0.414 | 0.295 | 0.379 | 0.171 | -0.044 | -0.028 |
| 366.000 | 0.414 | 0.295 | 0.370 | 0.171 | -0.037 | -0.028 |
| 368.000 | 0.420 | 0.295 | 0.360 | 0.178 | -0.044 | -0.028 |
| 370.000 | 0.407 | 0.295 | 0.351 | 0.178 | -0.044 | -0.028 |
| 372.000 | 0.401 | 0.285 | 0.341 | 0.178 | -0.044 | -0.028 |
| 374.000 | 0.395 | 0.285 | 0.332 | 0.178 | -0.037 | -0.028 |
| 376.000 | 0.388 | 0.285 | 0.322 | 0.178 | -0.044 | -0.028 |
| 378.000 | 0.382 | 0.276 | 0.313 | 0.178 | -0.044 | -0.028 |



CHM 003 0945

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 380.000 | 0.376 | 0.276 | 0.313 | 0.178 | -0.044 | -0.028 |
| 382.000 | 0.369 | 0.276 | 0.313 | 0.178 | -0.044 | -0.038 |
| 384.000 | 0.356 | 0.266 | 0.303 | 0.184 | -0.044 | -0.038 |
| 386.000 | 0.356 | 0.266 | 0.294 | 0.184 | -0.044 | -0.038 |
| 388.000 | 0.356 | 0.266 | 0.294 | 0.184 | -0.037 | -0.038 |
| 390.000 | 0.344 | 0.266 | 0.284 | 0.184 | -0.044 | -0.038 |
| 392.000 | 0.344 | 0.257 | 0.284 | 0.184 | -0.044 | -0.038 |
| 394.000 | 0.331 | 0.257 | 0.275 | 0.184 | -0.044 | -0.038 |
| 396.000 | 0.331 | 0.257 | 0.275 | 0.184 | -0.044 | -0.038 |
| 398.000 | 0.331 | 0.257 | 0.275 | 0.184 | -0.044 | -0.038 |
| 400.000 | 0.325 | 0.247 | 0.275 | 0.184 | -0.037 | -0.038 |
| 402.000 | 0.318 | 0.247 | 0.265 | 0.184 | -0.044 | -0.038 |
| 404.000 | 0.312 | 0.247 | 0.265 | 0.184 | -0.044 | -0.038 |
| 406.000 | 0.305 | 0.247 | 0.265 | 0.184 | -0.044 | -0.038 |
| 408.000 | 0.305 | 0.238 | 0.256 | 0.190 | -0.044 | -0.038 |
| 410.000 | 0.299 | 0.238 | 0.256 | 0.190 | -0.044 | -0.038 |
| 412.000 | 0.299 | 0.238 | 0.256 | 0.190 | -0.037 | -0.028 |
| 414.000 | 0.293 | 0.238 | 0.246 | 0.190 | -0.044 | -0.028 |
| 416.000 | 0.293 | 0.228 | 0.246 | 0.190 | -0.037 | -0.028 |
| 418.000 | 0.280 | 0.228 | 0.246 | 0.190 | -0.044 | -0.038 |
| 420.000 | 0.274 | 0.228 | 0.246 | 0.190 | -0.044 | -0.028 |
| 422.000 | 0.274 | 0.228 | 0.237 | 0.190 | -0.037 | -0.038 |
| 424.000 | 0.267 | 0.218 | 0.237 | 0.190 | -0.037 | -0.028 |
| 426.000 | 0.267 | 0.218 | 0.237 | 0.190 | -0.037 | -0.038 |
| 428.000 | 0.261 | 0.218 | 0.237 | 0.190 | -0.037 | -0.038 |
| 430.000 | 0.254 | 0.218 | 0.237 | 0.190 | -0.037 | -0.028 |
| 432.000 | 0.254 | 0.218 | 0.227 | 0.190 | -0.037 | -0.028 |
| 434.000 | 0.248 | 0.218 | 0.227 | 0.190 | -0.037 | -0.038 |
| 436.000 | 0.248 | 0.209 | 0.227 | 0.190 | -0.037 | -0.038 |
| 438.000 | 0.242 | 0.209 | 0.227 | 0.190 | -0.044 | -0.038 |
| 440.000 | 0.235 | 0.209 | 0.227 | 0.190 | -0.037 | -0.038 |
| 442.000 | 0.235 | 0.209 | 0.227 | 0.190 | -0.037 | -0.038 |
| 444.000 | 0.229 | 0.209 | 0.227 | 0.190 | -0.037 | -0.038 |
| 446.000 | 0.242 | 0.209 | 0.218 | 0.190 | -0.037 | -0.038 |
| 448.000 | 0.235 | 0.199 | 0.218 | 0.197 | -0.037 | -0.038 |
| 450.000 | 0.229 | 0.199 | 0.218 | 0.197 | -0.037 | -0.038 |
| 452.000 | 0.223 | 0.199 | 0.218 | 0.190 | -0.037 | -0.038 |
| 454.000 | 0.229 | 0.199 | 0.218 | 0.197 | -0.037 | -0.038 |
| 456.000 | 0.223 | 0.199 | 0.218 | 0.197 | -0.037 | -0.038 |
| 458.000 | 0.223 | 0.199 | 0.218 | 0.190 | -0.037 | -0.038 |
| 460.000 | 0.210 | 0.199 | 0.218 | 0.190 | -0.037 | -0.038 |
| 462.000 | 0.216 | 0.199 | 0.208 | 0.190 | -0.037 | -0.038 |
| 464.000 | 0.216 | 0.190 | 0.208 | 0.190 | -0.037 | -0.028 |
| 466.000 | 0.210 | 0.190 | 0.208 | 0.190 | -0.037 | -0.038 |
| 468.000 | 0.210 | 0.190 | 0.208 | 0.197 | -0.037 | -0.038 |
| 470.000 | 0.216 | 0.190 | 0.208 | 0.197 | -0.037 | -0.028 |
| 472.000 | 0.223 | 0.190 | 0.208 | 0.197 | -0.037 | -0.028 |
| 474.000 | 0.223 | 0.190 | 0.208 | 0.197 | -0.037 | -0.028 |
| 476.000 | 0.223 | 0.190 | 0.208 | 0.203 | -0.037 | -0.019 |
| 478.000 | 0.216 | 0.190 | 0.208 | 0.203 | -0.037 | -0.028 |
| 480.000 | 0.210 | 0.190 | 0.208 | 0.197 | -0.037 | -0.038 |
| 482.000 | 0.203 | 0.190 | 0.208 | 0.197 | -0.037 | -0.028 |
| 484.000 | 0.203 | 0.190 | 0.199 | 0.197 | -0.037 | -0.028 |
| 486.000 | 0.203 | 0.190 | 0.208 | 0.197 | -0.037 | -0.028 |



CHM 003 0946

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 488.000 | 0.210 | 0.190 | 0.208 | 0.203 | -0.037 | -0.019 |
| 490.000 | 0.216 | 0.190 | 0.199 | 0.203 | -0.037 | -0.019 |
| 492.000 | 0.216 | 0.190 | 0.199 | 0.203 | -0.037 | -0.019 |
| 494.000 | 0.210 | 0.190 | 0.199 | 0.203 | -0.037 | -0.028 |
| 496.000 | 0.210 | 0.190 | 0.199 | 0.203 | -0.037 | -0.028 |
| 498.000 | 0.210 | 0.190 | 0.199 | 0.203 | -0.037 | -0.019 |
| 500.000 | 0.210 | 0.190 | 0.199 | 0.203 | -0.037 | -0.019 |
| 502.000 | 0.210 | 0.180 | 0.199 | 0.203 | -0.037 | -0.019 |
| 504.000 | 0.203 | 0.180 | 0.199 | 0.203 | -0.037 | -0.019 |
| 506.000 | 0.203 | 0.180 | 0.199 | 0.203 | -0.037 | -0.028 |
| 508.000 | 0.197 | 0.180 | 0.199 | 0.203 | -0.037 | -0.028 |
| 510.000 | 0.197 | 0.180 | 0.199 | 0.203 | -0.037 | -0.028 |
| 512.000 | 0.210 | 0.180 | 0.199 | 0.209 | -0.037 | -0.009 |
| 514.000 | 0.203 | 0.180 | 0.199 | 0.209 | -0.037 | -0.019 |
| 516.000 | 0.203 | 0.180 | 0.199 | 0.203 | -0.031 | -0.019 |
| 518.000 | 0.216 | 0.180 | 0.199 | 0.209 | -0.037 | 0.000 |
| 520.000 | 0.210 | 0.180 | 0.199 | 0.209 | -0.031 | -0.019 |
| 522.000 | 0.203 | 0.180 | 0.199 | 0.203 | -0.031 | -0.019 |
| 524.000 | 0.197 | 0.180 | 0.199 | 0.203 | -0.031 | -0.009 |
| 526.000 | 0.203 | 0.180 | 0.199 | 0.203 | -0.031 | -0.009 |
| 528.000 | 0.197 | 0.180 | 0.199 | 0.203 | -0.031 | -0.019 |
| 530.000 | 0.191 | 0.180 | 0.199 | 0.203 | -0.031 | -0.019 |
| 532.000 | 0.191 | 0.180 | 0.199 | 0.209 | -0.031 | -0.019 |
| 534.000 | 0.191 | 0.180 | 0.199 | 0.203 | -0.031 | -0.019 |
| 536.000 | 0.184 | 0.180 | 0.199 | 0.203 | -0.031 | -0.019 |
| 538.000 | 0.191 | 0.180 | 0.199 | 0.209 | -0.031 | -0.019 |
| 540.000 | 0.191 | 0.180 | 0.199 | 0.209 | -0.031 | -0.019 |
| 542.000 | 0.191 | 0.180 | 0.199 | 0.203 | -0.031 | -0.019 |
| 544.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 546.000 | 0.210 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 548.000 | 0.203 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 550.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 552.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 554.000 | 0.197 | 0.180 | 0.189 | 0.209 | -0.031 | -0.009 |
| 556.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 558.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 560.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 562.000 | 0.203 | 0.180 | 0.199 | 0.216 | -0.031 | -0.009 |
| 564.000 | 0.197 | 0.180 | 0.189 | 0.209 | -0.031 | -0.009 |
| 566.000 | 0.191 | 0.180 | 0.189 | 0.209 | -0.031 | -0.009 |
| 568.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 570.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.031 | -0.009 |
| 572.000 | 0.191 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 574.000 | 0.191 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 576.000 | 0.197 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 578.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.025 | -0.009 |
| 580.000 | 0.191 | 0.180 | 0.199 | 0.209 | -0.025 | -0.009 |
| 582.000 | 0.197 | 0.180 | 0.199 | 0.209 | -0.025 | 0.000 |
| 584.000 | 0.197 | 0.180 | 0.189 | 0.216 | -0.031 | 0.000 |
| 586.000 | 0.191 | 0.180 | 0.199 | 0.209 | -0.025 | -0.009 |
| 588.000 | 0.184 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 590.000 | 0.184 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 592.000 | 0.184 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 594.000 | 0.197 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |



CHM 003 0947

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 596.000 | 0.197 | 0.180 | 0.189 | 0.216 | -0.025 | -0.009 |
| 598.000 | 0.191 | 0.180 | 0.189 | 0.216 | -0.025 | -0.009 |
| 600.000 | 0.191 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 602.000 | 0.184 | 0.180 | 0.199 | 0.209 | -0.025 | -0.009 |
| 604.000 | 0.191 | 0.180 | 0.199 | 0.216 | -0.025 | 0.000 |
| 606.000 | 0.184 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 608.000 | 0.184 | 0.180 | 0.199 | 0.209 | -0.025 | 0.000 |
| 610.000 | 0.184 | 0.180 | 0.199 | 0.216 | -0.025 | -0.009 |
| 612.000 | 0.191 | 0.180 | 0.189 | 0.216 | -0.025 | 0.000 |
| 614.000 | 0.184 | 0.180 | 0.189 | 0.209 | -0.025 | -0.009 |
| 616.000 | 0.184 | 0.180 | 0.199 | 0.209 | -0.025 | 0.000 |
| 618.000 | 0.184 | 0.180 | 0.189 | 0.216 | -0.025 | 0.000 |
| 620.000 | 0.191 | 0.180 | 0.199 | 0.216 | -0.025 | 0.000 |
| 622.000 | 0.191 | 0.180 | 0.199 | 0.216 | -0.025 | 0.000 |
| 624.000 | 0.184 | 0.190 | 0.199 | 0.216 | -0.025 | 0.000 |
| 626.000 | 0.178 | 0.180 | 0.199 | 0.216 | -0.018 | 0.000 |
| 628.000 | 0.178 | 0.190 | 0.199 | 0.216 | -0.018 | -0.009 |
| 630.000 | 0.178 | 0.180 | 0.199 | 0.216 | -0.018 | 0.000 |
| 632.000 | 0.191 | 0.180 | 0.199 | 0.216 | -0.025 | 0.009 |
| 634.000 | 0.197 | 0.180 | 0.199 | 0.228 | -0.018 | 0.009 |
| 636.000 | 0.197 | 0.180 | 0.199 | 0.222 | -0.018 | 0.009 |
| 638.000 | 0.203 | 0.190 | 0.199 | 0.216 | -0.018 | 0.019 |
| 640.000 | 0.197 | 0.180 | 0.199 | 0.222 | -0.018 | 0.009 |
| 642.000 | 0.197 | 0.190 | 0.199 | 0.216 | -0.018 | 0.009 |
| 644.000 | 0.191 | 0.190 | 0.199 | 0.216 | -0.018 | 0.009 |
| 646.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.018 | 0.009 |
| 648.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.018 | 0.019 |
| 650.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.018 | 0.009 |
| 652.000 | 0.184 | 0.190 | 0.199 | 0.216 | -0.018 | 0.000 |
| 654.000 | 0.178 | 0.190 | 0.199 | 0.216 | -0.018 | 0.000 |
| 656.000 | 0.184 | 0.190 | 0.199 | 0.216 | -0.018 | 0.009 |
| 658.000 | 0.178 | 0.190 | 0.199 | 0.222 | -0.018 | 0.009 |
| 660.000 | 0.184 | 0.190 | 0.199 | 0.222 | -0.018 | 0.009 |
| 662.000 | 0.184 | 0.190 | 0.199 | 0.222 | -0.018 | 0.009 |
| 664.000 | 0.197 | 0.190 | 0.199 | 0.222 | -0.018 | 0.019 |
| 666.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.018 | 0.019 |
| 668.000 | 0.184 | 0.190 | 0.199 | 0.222 | -0.018 | 0.028 |
| 670.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.012 | 0.028 |
| 672.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.012 | 0.028 |
| 674.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.012 | 0.038 |
| 676.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.012 | 0.047 |
| 678.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.012 | 0.047 |
| 680.000 | 0.197 | 0.190 | 0.199 | 0.222 | -0.012 | 0.038 |
| 682.000 | 0.191 | 0.190 | 0.199 | 0.222 | -0.012 | 0.047 |
| 684.000 | 0.197 | 0.190 | 0.199 | 0.222 | -0.012 | 0.047 |
| 686.000 | 0.203 | 0.190 | 0.208 | 0.228 | -0.012 | 0.047 |
| 688.000 | 0.197 | 0.190 | 0.208 | 0.222 | -0.012 | 0.047 |
| 690.000 | 0.191 | 0.190 | 0.208 | 0.222 | -0.012 | 0.047 |
| 692.000 | 0.197 | 0.190 | 0.208 | 0.222 | -0.012 | 0.047 |
| 694.000 | 0.197 | 0.190 | 0.208 | 0.222 | -0.012 | 0.047 |
| 696.000 | 0.210 | 0.190 | 0.208 | 0.228 | -0.012 | 0.057 |
| 698.000 | 0.210 | 0.190 | 0.208 | 0.228 | -0.012 | 0.057 |
| 700.000 | 0.203 | 0.190 | 0.208 | 0.228 | -0.012 | 0.047 |
| 702.000 | 0.203 | 0.199 | 0.208 | 0.228 | -0.006 | 0.057 |



CHM 003 0948

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 704.000 | 0.216 | 0.199 | 0.208 | 0.235 | -0.006 | 0.057 |
| 706.000 | 0.229 | 0.199 | 0.208 | 0.235 | -0.006 | 0.076 |
| 708.000 | 0.223 | 0.199 | 0.208 | 0.228 | -0.006 | 0.066 |
| 710.000 | 0.216 | 0.190 | 0.208 | 0.228 | -0.006 | 0.057 |
| 712.000 | 0.223 | 0.199 | 0.208 | 0.228 | -0.006 | 0.057 |
| 714.000 | 0.216 | 0.199 | 0.208 | 0.228 | -0.006 | 0.047 |
| 716.000 | 0.210 | 0.199 | 0.208 | 0.235 | -0.006 | 0.047 |
| 718.000 | 0.210 | 0.199 | 0.208 | 0.228 | -0.006 | 0.047 |
| 720.000 | 0.216 | 0.199 | 0.208 | 0.228 | -0.006 | 0.047 |
| 722.000 | 0.210 | 0.199 | 0.208 | 0.228 | -0.006 | 0.047 |
| 724.000 | 0.203 | 0.199 | 0.208 | 0.228 | -0.006 | 0.038 |
| 726.000 | 0.203 | 0.199 | 0.208 | 0.228 | -0.006 | 0.047 |
| 728.000 | 0.210 | 0.199 | 0.208 | 0.222 | -0.006 | 0.038 |
| 730.000 | 0.191 | 0.199 | 0.208 | 0.235 | 0.000 | 0.038 |
| 732.000 | 0.223 | 0.199 | 0.208 | 0.222 | -0.006 | 0.066 |
| 734.000 | 0.210 | 0.199 | 0.208 | 0.228 | 0.000 | 0.047 |
| 736.000 | 0.203 | 0.199 | 0.208 | 0.235 | 0.000 | 0.038 |
| 738.000 | 0.197 | 0.199 | 0.208 | 0.228 | 0.000 | 0.038 |
| 740.000 | 0.210 | 0.199 | 0.208 | 0.228 | 0.000 | 0.057 |
| 742.000 | 0.210 | 0.199 | 0.208 | 0.228 | 0.000 | 0.038 |
| 744.000 | 0.216 | 0.199 | 0.208 | 0.235 | 0.000 | 0.047 |
| 746.000 | 0.210 | 0.199 | 0.208 | 0.235 | 0.000 | 0.047 |
| 748.000 | 0.203 | 0.199 | 0.208 | 0.241 | 0.000 | 0.047 |
| 750.000 | 0.216 | 0.199 | 0.208 | 0.235 | 0.000 | 0.057 |
| 752.000 | 0.216 | 0.199 | 0.208 | 0.235 | 0.000 | 0.047 |
| 754.000 | 0.203 | 0.199 | 0.208 | 0.228 | 0.000 | 0.038 |
| 756.000 | 0.191 | 0.199 | 0.208 | 0.228 | 0.000 | 0.038 |
| 758.000 | 0.197 | 0.199 | 0.208 | 0.235 | 0.000 | 0.038 |
| 760.000 | 0.197 | 0.209 | 0.208 | 0.228 | 0.000 | 0.047 |
| 762.000 | 0.203 | 0.199 | 0.208 | 0.235 | 0.000 | 0.038 |
| 764.000 | 0.210 | 0.199 | 0.218 | 0.235 | 0.000 | 0.047 |
| 766.000 | 0.223 | 0.209 | 0.218 | 0.235 | 0.000 | 0.057 |
| 768.000 | 0.216 | 0.199 | 0.208 | 0.241 | 0.000 | 0.047 |
| 770.000 | 0.210 | 0.209 | 0.218 | 0.235 | 0.006 | 0.047 |
| 772.000 | 0.216 | 0.199 | 0.208 | 0.235 | 0.006 | 0.057 |
| 774.000 | 0.229 | 0.209 | 0.218 | 0.235 | 0.006 | 0.057 |
| 776.000 | 0.223 | 0.209 | 0.218 | 0.241 | 0.006 | 0.047 |
| 778.000 | 0.229 | 0.209 | 0.218 | 0.248 | 0.006 | 0.057 |
| 780.000 | 0.210 | 0.209 | 0.218 | 0.241 | 0.006 | 0.057 |
| 782.000 | 0.223 | 0.209 | 0.218 | 0.235 | 0.006 | 0.057 |
| 784.000 | 0.216 | 0.209 | 0.218 | 0.235 | 0.012 | 0.047 |
| 786.000 | 0.216 | 0.209 | 0.218 | 0.235 | 0.012 | 0.057 |
| 788.000 | 0.210 | 0.209 | 0.218 | 0.241 | 0.006 | 0.047 |
| 790.000 | 0.203 | 0.209 | 0.218 | 0.241 | 0.012 | 0.047 |
| 792.000 | 0.203 | 0.209 | 0.218 | 0.241 | 0.012 | 0.047 |
| 794.000 | 0.210 | 0.209 | 0.218 | 0.241 | 0.012 | 0.047 |
| 796.000 | 0.216 | 0.209 | 0.218 | 0.241 | 0.012 | 0.047 |
| 798.000 | 0.223 | 0.209 | 0.218 | 0.260 | 0.012 | 0.047 |
| 800.000 | 0.216 | 0.209 | 0.218 | 0.241 | 0.006 | 0.047 |
| 802.000 | 0.235 | 0.209 | 0.218 | 0.241 | 0.006 | 0.066 |
| 804.000 | 0.229 | 0.209 | 0.218 | 0.241 | 0.006 | 0.066 |
| 806.000 | 0.229 | 0.209 | 0.218 | 0.241 | 0.012 | 0.057 |
| 808.000 | 0.216 | 0.209 | 0.218 | 0.241 | 0.006 | 0.038 |
| 810.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.012 | 0.047 |



CHM 003 0949

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 812.000 | 0.229 | 0.209 | 0.218 | 0.241 | 0.012 | 0.057 |
| 814.000 | 0.216 | 0.209 | 0.218 | 0.248 | 0.012 | 0.047 |
| 816.000 | 0.216 | 0.209 | 0.218 | 0.241 | 0.006 | 0.047 |
| 818.000 | 0.223 | 0.209 | 0.218 | 0.241 | 0.012 | 0.057 |
| 820.000 | 0.229 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 822.000 | 0.229 | 0.209 | 0.218 | 0.241 | 0.012 | 0.057 |
| 824.000 | 0.229 | 0.209 | 0.218 | 0.248 | 0.012 | 0.057 |
| 826.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.012 | 0.057 |
| 828.000 | 0.223 | 0.209 | 0.218 | 0.241 | 0.012 | 0.047 |
| 830.000 | 0.223 | 0.209 | 0.218 | 0.241 | 0.018 | 0.057 |
| 832.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.012 | 0.047 |
| 834.000 | 0.216 | 0.209 | 0.218 | 0.241 | 0.012 | 0.047 |
| 836.000 | 0.223 | 0.209 | 0.218 | 0.241 | 0.012 | 0.057 |
| 838.000 | 0.235 | 0.209 | 0.218 | 0.254 | 0.018 | 0.057 |
| 840.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.012 | 0.047 |
| 842.000 | 0.210 | 0.209 | 0.218 | 0.248 | 0.012 | 0.047 |
| 844.000 | 0.216 | 0.209 | 0.218 | 0.248 | 0.012 | 0.047 |
| 846.000 | 0.210 | 0.209 | 0.218 | 0.241 | 0.018 | 0.047 |
| 848.000 | 0.210 | 0.209 | 0.218 | 0.241 | 0.012 | 0.047 |
| 850.000 | 0.216 | 0.209 | 0.218 | 0.248 | 0.018 | 0.047 |
| 852.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 854.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 856.000 | 0.229 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 858.000 | 0.229 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 860.000 | 0.216 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 862.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.047 |
| 864.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.047 |
| 866.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 868.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 870.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 872.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 874.000 | 0.229 | 0.209 | 0.218 | 0.248 | 0.018 | 0.057 |
| 876.000 | 0.229 | 0.209 | 0.218 | 0.248 | 0.018 | 0.066 |
| 878.000 | 0.229 | 0.209 | 0.218 | 0.254 | 0.018 | 0.057 |
| 880.000 | 0.223 | 0.209 | 0.218 | 0.254 | 0.018 | 0.057 |
| 882.000 | 0.223 | 0.209 | 0.218 | 0.254 | 0.018 | 0.047 |
| 884.000 | 0.223 | 0.209 | 0.218 | 0.254 | 0.018 | 0.057 |
| 886.000 | 0.229 | 0.209 | 0.218 | 0.254 | 0.025 | 0.057 |
| 888.000 | 0.229 | 0.209 | 0.218 | 0.254 | 0.025 | 0.057 |
| 890.000 | 0.229 | 0.209 | 0.218 | 0.254 | 0.025 | 0.057 |
| 892.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.025 | 0.057 |
| 894.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.025 | 0.057 |
| 896.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.025 | 0.057 |
| 898.000 | 0.223 | 0.209 | 0.208 | 0.254 | 0.025 | 0.057 |
| 900.000 | 0.223 | 0.209 | 0.208 | 0.248 | 0.025 | 0.057 |
| 902.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.025 | 0.047 |
| 904.000 | 0.216 | 0.209 | 0.208 | 0.248 | 0.025 | 0.057 |
| 906.000 | 0.223 | 0.209 | 0.218 | 0.248 | 0.025 | 0.047 |
| 908.000 | 0.216 | 0.209 | 0.208 | 0.248 | 0.025 | 0.047 |
| 910.000 | 0.223 | 0.209 | 0.208 | 0.248 | 0.025 | 0.047 |
| 912.000 | 0.223 | 0.209 | 0.208 | 0.254 | 0.025 | 0.057 |
| 914.000 | 0.223 | 0.209 | 0.208 | 0.254 | 0.025 | 0.057 |
| 916.000 | 0.223 | 0.209 | 0.208 | 0.248 | 0.025 | 0.057 |
| 918.000 | 0.223 | 0.209 | 0.208 | 0.254 | 0.025 | 0.057 |



CHM 003 0950

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 920.000 | 0.223 | 0.209 | 0.208 | 0.248 | 0.025 | 0.057 |
| 922.000 | 0.223 | 0.209 | 0.208 | 0.248 | 0.025 | 0.057 |
| 924.000 | 0.223 | 0.199 | 0.208 | 0.254 | 0.025 | 0.057 |
| 926.000 | 0.223 | 0.199 | 0.208 | 0.254 | 0.025 | 0.057 |
| 928.000 | 0.229 | 0.199 | 0.208 | 0.254 | 0.025 | 0.057 |
| 930.000 | 0.223 | 0.209 | 0.208 | 0.254 | 0.025 | 0.057 |
| 932.000 | 0.223 | 0.199 | 0.208 | 0.254 | 0.025 | 0.047 |
| 934.000 | 0.223 | 0.199 | 0.208 | 0.254 | 0.025 | 0.057 |
| 936.000 | 0.223 | 0.199 | 0.208 | 0.248 | 0.025 | 0.057 |
| 938.000 | 0.216 | 0.199 | 0.208 | 0.248 | 0.025 | 0.057 |
| 940.000 | 0.223 | 0.199 | 0.208 | 0.248 | 0.025 | 0.047 |
| 942.000 | 0.216 | 0.199 | 0.208 | 0.248 | 0.025 | 0.047 |
| 944.000 | 0.216 | 0.199 | 0.208 | 0.248 | 0.025 | 0.047 |
| 946.000 | 0.216 | 0.199 | 0.208 | 0.248 | 0.025 | 0.057 |
| 948.000 | 0.216 | 0.199 | 0.208 | 0.248 | 0.025 | 0.047 |
| 950.000 | 0.210 | 0.199 | 0.208 | 0.248 | 0.025 | 0.047 |
| 952.000 | 0.210 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 954.000 | 0.216 | 0.199 | 0.208 | 0.248 | 0.025 | 0.047 |
| 956.000 | 0.216 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 958.000 | 0.216 | 0.199 | 0.199 | 0.248 | 0.025 | 0.057 |
| 960.000 | 0.216 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 962.000 | 0.216 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 964.000 | 0.210 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 966.000 | 0.210 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 968.000 | 0.210 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 970.000 | 0.210 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 972.000 | 0.223 | 0.199 | 0.199 | 0.248 | 0.025 | 0.057 |
| 974.000 | 0.216 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 976.000 | 0.210 | 0.199 | 0.199 | 0.248 | 0.025 | 0.047 |
| 978.000 | 0.210 | 0.190 | 0.199 | 0.248 | 0.025 | 0.047 |
| 980.000 | 0.203 | 0.190 | 0.199 | 0.241 | 0.031 | 0.047 |
| 982.000 | 0.203 | 0.190 | 0.199 | 0.248 | 0.025 | 0.038 |
| 984.000 | 0.210 | 0.190 | 0.199 | 0.241 | 0.025 | 0.047 |
| 986.000 | 0.203 | 0.190 | 0.199 | 0.248 | 0.025 | 0.038 |
| 988.000 | 0.210 | 0.190 | 0.199 | 0.241 | 0.025 | 0.047 |
| 990.000 | 0.203 | 0.190 | 0.199 | 0.248 | 0.025 | 0.047 |
| 992.000 | 0.210 | 0.190 | 0.199 | 0.248 | 0.025 | 0.047 |
| 994.000 | 0.210 | 0.190 | 0.199 | 0.248 | 0.031 | 0.047 |
| 996.000 | 0.203 | 0.190 | 0.199 | 0.248 | 0.031 | 0.047 |
| 998.000 | 0.210 | 0.190 | 0.199 | 0.241 | 0.031 | 0.047 |
| 1000.00 | 0.210 | 0.190 | 0.199 | 0.241 | 0.031 | 0.047 |
| 1002.00 | 0.203 | 0.190 | 0.189 | 0.241 | 0.031 | 0.047 |
| 1004.00 | 0.197 | 0.190 | 0.189 | 0.241 | 0.031 | 0.038 |
| 1006.00 | 0.203 | 0.190 | 0.189 | 0.241 | 0.031 | 0.038 |
| 1008.00 | 0.197 | 0.190 | 0.189 | 0.241 | 0.025 | 0.038 |
| 1010.00 | 0.197 | 0.180 | 0.189 | 0.235 | 0.031 | 0.038 |
| 1012.00 | 0.203 | 0.190 | 0.189 | 0.241 | 0.031 | 0.038 |
| 1014.00 | 0.197 | 0.190 | 0.189 | 0.241 | 0.031 | 0.038 |
| 1016.00 | 0.191 | 0.180 | 0.189 | 0.235 | 0.025 | 0.038 |
| 1018.00 | 0.184 | 0.190 | 0.189 | 0.241 | 0.031 | 0.038 |
| 1020.00 | 0.197 | 0.180 | 0.189 | 0.241 | 0.025 | 0.038 |
| 1022.00 | 0.191 | 0.180 | 0.180 | 0.241 | 0.031 | 0.038 |
| 1024.00 | 0.191 | 0.180 | 0.189 | 0.241 | 0.025 | 0.038 |
| 1026.00 | 0.197 | 0.180 | 0.189 | 0.241 | 0.031 | 0.038 |



CHM 003 0951

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1028.00 | 0.197 | 0.180 | 0.180 | 0.241 | 0.031 | 0.038 |
| 1030.00 | 0.191 | 0.180 | 0.180 | 0.235 | 0.031 | 0.038 |
| 1032.00 | 0.197 | 0.180 | 0.180 | 0.241 | 0.025 | 0.038 |
| 1034.00 | 0.203 | 0.180 | 0.180 | 0.235 | 0.025 | 0.038 |
| 1036.00 | 0.197 | 0.180 | 0.180 | 0.235 | 0.031 | 0.038 |
| 1038.00 | 0.197 | 0.180 | 0.180 | 0.235 | 0.025 | 0.038 |
| 1040.00 | 0.197 | 0.180 | 0.180 | 0.235 | 0.031 | 0.038 |
| 1042.00 | 0.203 | 0.180 | 0.180 | 0.235 | 0.031 | 0.038 |
| 1044.00 | 0.197 | 0.171 | 0.180 | 0.235 | 0.025 | 0.038 |
| 1046.00 | 0.197 | 0.180 | 0.170 | 0.241 | 0.025 | 0.038 |
| 1048.00 | 0.197 | 0.171 | 0.170 | 0.235 | 0.025 | 0.038 |
| 1050.00 | 0.197 | 0.171 | 0.170 | 0.235 | 0.025 | 0.038 |
| 1052.00 | 0.197 | 0.171 | 0.170 | 0.235 | 0.025 | 0.028 |
| 1054.00 | 0.197 | 0.171 | 0.170 | 0.228 | 0.025 | 0.038 |
| 1056.00 | 0.197 | 0.171 | 0.170 | 0.228 | 0.025 | 0.038 |
| 1058.00 | 0.197 | 0.171 | 0.170 | 0.235 | 0.025 | 0.028 |
| 1060.00 | 0.191 | 0.171 | 0.170 | 0.235 | 0.025 | 0.028 |
| 1062.00 | 0.197 | 0.171 | 0.170 | 0.228 | 0.025 | 0.028 |
| 1064.00 | 0.197 | 0.171 | 0.170 | 0.228 | 0.025 | 0.038 |
| 1066.00 | 0.197 | 0.171 | 0.170 | 0.228 | 0.025 | 0.038 |
| 1068.00 | 0.191 | 0.171 | 0.170 | 0.228 | 0.025 | 0.028 |
| 1070.00 | 0.191 | 0.171 | 0.170 | 0.228 | 0.025 | 0.028 |
| 1072.00 | 0.191 | 0.161 | 0.170 | 0.235 | 0.025 | 0.028 |
| 1074.00 | 0.191 | 0.161 | 0.170 | 0.228 | 0.025 | 0.028 |
| 1076.00 | 0.191 | 0.161 | 0.161 | 0.228 | 0.025 | 0.028 |
| 1078.00 | 0.191 | 0.161 | 0.161 | 0.222 | 0.025 | 0.028 |
| 1080.00 | 0.184 | 0.161 | 0.161 | 0.222 | 0.025 | 0.028 |
| 1082.00 | 0.191 | 0.161 | 0.161 | 0.228 | 0.025 | 0.028 |
| 1084.00 | 0.178 | 0.161 | 0.161 | 0.222 | 0.025 | 0.019 |
| 1086.00 | 0.178 | 0.161 | 0.161 | 0.228 | 0.025 | 0.019 |
| 1088.00 | 0.178 | 0.161 | 0.161 | 0.222 | 0.025 | 0.019 |
| 1090.00 | 0.184 | 0.161 | 0.161 | 0.222 | 0.025 | 0.019 |
| 1092.00 | 0.184 | 0.161 | 0.161 | 0.222 | 0.025 | 0.028 |
| 1094.00 | 0.178 | 0.161 | 0.161 | 0.222 | 0.025 | 0.019 |
| 1096.00 | 0.178 | 0.152 | 0.161 | 0.222 | 0.025 | 0.019 |
| 1098.00 | 0.178 | 0.152 | 0.161 | 0.222 | 0.025 | 0.019 |
| 1100.00 | 0.178 | 0.161 | 0.161 | 0.222 | 0.025 | 0.028 |
| 1102.00 | 0.184 | 0.152 | 0.161 | 0.222 | 0.025 | 0.028 |
| 1104.00 | 0.184 | 0.152 | 0.161 | 0.222 | 0.025 | 0.019 |
| 1106.00 | 0.178 | 0.152 | 0.151 | 0.216 | 0.025 | 0.019 |
| 1108.00 | 0.172 | 0.152 | 0.151 | 0.216 | 0.018 | 0.019 |
| 1110.00 | 0.178 | 0.152 | 0.151 | 0.216 | 0.025 | 0.019 |
| 1112.00 | 0.172 | 0.152 | 0.151 | 0.216 | 0.025 | 0.019 |
| 1114.00 | 0.172 | 0.152 | 0.151 | 0.216 | 0.018 | 0.019 |
| 1116.00 | 0.172 | 0.152 | 0.151 | 0.216 | 0.018 | 0.019 |
| 1118.00 | 0.172 | 0.152 | 0.151 | 0.216 | 0.018 | 0.019 |
| 1120.00 | 0.172 | 0.152 | 0.151 | 0.216 | 0.018 | 0.019 |
| 1122.00 | 0.172 | 0.152 | 0.151 | 0.216 | 0.025 | 0.019 |
| 1124.00 | 0.165 | 0.152 | 0.151 | 0.216 | 0.018 | 0.009 |
| 1126.00 | 0.172 | 0.142 | 0.151 | 0.209 | 0.018 | 0.019 |
| 1128.00 | 0.165 | 0.142 | 0.151 | 0.209 | 0.018 | 0.009 |
| 1130.00 | 0.165 | 0.142 | 0.151 | 0.209 | 0.018 | 0.009 |
| 1132.00 | 0.172 | 0.142 | 0.151 | 0.209 | 0.018 | 0.019 |
| 1134.00 | 0.172 | 0.142 | 0.151 | 0.209 | 0.018 | 0.009 |



CHM 003 0952

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1136.00 | 0.172 | 0.142 | 0.151 | 0.209 | 0.018 | 0.019 |
| 1138.00 | 0.165 | 0.142 | 0.151 | 0.203 | 0.018 | 0.009 |
| 1140.00 | 0.165 | 0.142 | 0.142 | 0.209 | 0.018 | 0.009 |
| 1142.00 | 0.165 | 0.142 | 0.151 | 0.203 | 0.018 | 0.009 |
| 1144.00 | 0.159 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1146.00 | 0.159 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1148.00 | 0.172 | 0.142 | 0.142 | 0.203 | 0.018 | 0.019 |
| 1150.00 | 0.165 | 0.142 | 0.142 | 0.209 | 0.018 | 0.009 |
| 1152.00 | 0.165 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1154.00 | 0.159 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1156.00 | 0.159 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1158.00 | 0.159 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1160.00 | 0.165 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1162.00 | 0.159 | 0.142 | 0.142 | 0.203 | 0.018 | 0.009 |
| 1164.00 | 0.165 | 0.133 | 0.142 | 0.197 | 0.018 | 0.009 |
| 1166.00 | 0.159 | 0.142 | 0.142 | 0.197 | 0.018 | 0.009 |
| 1168.00 | 0.159 | 0.133 | 0.142 | 0.197 | 0.012 | 0.009 |
| 1170.00 | 0.159 | 0.142 | 0.142 | 0.197 | 0.018 | 0.009 |
| 1172.00 | 0.159 | 0.133 | 0.142 | 0.197 | 0.012 | 0.009 |
| 1174.00 | 0.152 | 0.133 | 0.142 | 0.197 | 0.018 | 0.009 |
| 1176.00 | 0.152 | 0.133 | 0.142 | 0.197 | 0.012 | 0.000 |
| 1178.00 | 0.146 | 0.133 | 0.142 | 0.197 | 0.012 | 0.000 |
| 1180.00 | 0.152 | 0.133 | 0.142 | 0.203 | 0.018 | 0.000 |
| 1182.00 | 0.152 | 0.133 | 0.142 | 0.197 | 0.012 | 0.009 |
| 1184.00 | 0.152 | 0.133 | 0.142 | 0.197 | 0.012 | 0.000 |
| 1186.00 | 0.146 | 0.133 | 0.142 | 0.190 | 0.012 | 0.000 |
| 1188.00 | 0.146 | 0.133 | 0.142 | 0.197 | 0.012 | 0.000 |
| 1190.00 | 0.146 | 0.133 | 0.132 | 0.190 | 0.012 | 0.000 |
| 1192.00 | 0.146 | 0.133 | 0.132 | 0.190 | 0.012 | 0.000 |
| 1194.00 | 0.152 | 0.133 | 0.132 | 0.190 | 0.012 | 0.000 |
| 1196.00 | 0.152 | 0.133 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1198.00 | 0.152 | 0.133 | 0.132 | 0.197 | 0.012 | 0.009 |
| 1200.00 | 0.146 | 0.133 | 0.132 | 0.190 | 0.012 | 0.000 |
| 1202.00 | 0.146 | 0.133 | 0.132 | 0.190 | 0.012 | 0.000 |
| 1204.00 | 0.152 | 0.133 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1206.00 | 0.152 | 0.133 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1208.00 | 0.152 | 0.123 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1210.00 | 0.152 | 0.133 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1212.00 | 0.152 | 0.133 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1214.00 | 0.146 | 0.133 | 0.132 | 0.190 | 0.012 | 0.000 |
| 1216.00 | 0.146 | 0.123 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1218.00 | 0.152 | 0.123 | 0.132 | 0.190 | 0.012 | 0.009 |
| 1220.00 | 0.146 | 0.133 | 0.132 | 0.184 | 0.012 | 0.009 |
| 1222.00 | 0.152 | 0.133 | 0.132 | 0.184 | 0.006 | 0.009 |
| 1224.00 | 0.152 | 0.123 | 0.132 | 0.184 | 0.012 | 0.009 |
| 1226.00 | 0.146 | 0.123 | 0.132 | 0.184 | 0.012 | 0.000 |
| 1228.00 | 0.146 | 0.123 | 0.132 | 0.184 | 0.012 | 0.009 |
| 1230.00 | 0.146 | 0.123 | 0.132 | 0.184 | 0.012 | 0.000 |
| 1232.00 | 0.146 | 0.123 | 0.132 | 0.184 | 0.012 | 0.009 |
| 1234.00 | 0.140 | 0.123 | 0.132 | 0.184 | 0.006 | 0.000 |
| 1236.00 | 0.133 | 0.133 | 0.132 | 0.178 | 0.012 | 0.000 |
| 1238.00 | 0.140 | 0.123 | 0.132 | 0.178 | 0.012 | 0.000 |
| 1240.00 | 0.146 | 0.133 | 0.132 | 0.178 | 0.012 | 0.000 |
| 1242.00 | 0.146 | 0.123 | 0.132 | 0.178 | 0.006 | 0.009 |



CHM 003 0953

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1244.00 | 0.152 | 0.133 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1246.00 | 0.146 | 0.133 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1248.00 | 0.140 | 0.123 | 0.132 | 0.178 | 0.012 | 0.000 |
| 1250.00 | 0.140 | 0.133 | 0.132 | 0.178 | 0.006 | 0.000 |
| 1252.00 | 0.140 | 0.123 | 0.132 | 0.178 | 0.006 | 0.000 |
| 1254.00 | 0.146 | 0.133 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1256.00 | 0.146 | 0.123 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1258.00 | 0.152 | 0.123 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1260.00 | 0.140 | 0.123 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1262.00 | 0.152 | 0.133 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1264.00 | 0.146 | 0.123 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1266.00 | 0.146 | 0.123 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1268.00 | 0.146 | 0.123 | 0.132 | 0.178 | 0.012 | 0.009 |
| 1270.00 | 0.146 | 0.123 | 0.132 | 0.178 | 0.006 | 0.009 |
| 1272.00 | 0.146 | 0.133 | 0.142 | 0.178 | 0.006 | 0.009 |
| 1274.00 | 0.140 | 0.133 | 0.132 | 0.171 | 0.006 | 0.009 |
| 1276.00 | 0.146 | 0.123 | 0.132 | 0.178 | 0.006 | 0.019 |
| 1278.00 | 0.146 | 0.133 | 0.132 | 0.178 | 0.006 | 0.019 |
| 1280.00 | 0.146 | 0.133 | 0.132 | 0.178 | 0.006 | 0.019 |
| 1282.00 | 0.146 | 0.133 | 0.132 | 0.178 | 0.006 | 0.019 |
| 1284.00 | 0.146 | 0.133 | 0.142 | 0.171 | 0.006 | 0.019 |
| 1286.00 | 0.146 | 0.133 | 0.132 | 0.178 | 0.006 | 0.019 |
| 1288.00 | 0.133 | 0.133 | 0.142 | 0.178 | 0.006 | 0.009 |
| 1290.00 | 0.140 | 0.133 | 0.142 | 0.178 | 0.006 | 0.019 |
| 1292.00 | 0.146 | 0.133 | 0.142 | 0.178 | 0.006 | 0.019 |
| 1294.00 | 0.146 | 0.133 | 0.142 | 0.171 | 0.006 | 0.019 |
| 1296.00 | 0.140 | 0.133 | 0.142 | 0.171 | 0.006 | 0.019 |
| 1298.00 | 0.146 | 0.133 | 0.142 | 0.178 | 0.006 | 0.019 |
| 1300.00 | 0.140 | 0.133 | 0.142 | 0.178 | 0.012 | 0.019 |
| 1302.00 | 0.152 | 0.123 | 0.132 | 0.178 | 0.006 | 0.028 |



CHM 003 0954

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 3 PUMP ZONE: 125' - 150' IN DMW-11

WELL ID: TW-2

SE1000B
Environmental Logger
11/30 08:38

Unit# 03010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 10.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 11/29 09:32

| Elapsed Time | Value |
|---|---|
| 0.0000 | 10.00 |
| 2.0000 | 10.00 |
| 4.0000 | 9.99 |
| 6.0000 | 9.99 |
| 8.0000 | 9.99 |
| 10.0000 | 9.99 |
| 12.0000 | 9.99 |
| 14.0000 | 9.99 |
| 16.0000 | 9.99 |
| 18.0000 | 9.98 |
| 20.0000 | 9.98 |
| 22.0000 | 9.98 |
| 24.0000 | 9.98 |
| 26.0000 | 9.98 |
| 28.0000 | 9.98 |
| 30.0000 | 9.97 |
| 32.0000 | 9.96 |
| 34.0000 | 9.96 |
| 36.0000 | 9.96 |
| 38.0000 | 9.95 |
| 40.0000 | 9.95 |
| 42.0000 | 9.94 |
| 44.0000 | 9.94 |
| 46.0000 | 9.94 |
| 48.0000 | 9.94 |
| 50.0000 | 9.93 |
| 52.0000 | 9.93 |
| 54.0000 | 9.93 |
| 56.0000 | 9.92 |
| 58.0000 | 9.92 |
| 60.0000 | 9.92 |
| 62.0000 | 9.92 |
| 64.0000 | 9.91 |
| 66.0000 | 9.91 |
| 68.0000 | 9.91 |



CHM 003 0955

| Elapsed Time | Value |
|---|---|
| 70.0000 | 9.91 |
| 72.0000 | 9.91 |
| 74.0000 | 9.90 |
| 76.0000 | 9.89 |
| 78.0000 | 9.89 |
| 80.0000 | 9.89 |
| 82.0000 | 9.89 |
| 84.0000 | 9.89 |
| 86.0000 | 9.89 |
| 88.0000 | 9.89 |
| 90.0000 | 9.89 |
| 92.0000 | 9.88 |
| 94.0000 | 9.88 |
| 96.0000 | 9.89 |
| 98.0000 | 9.89 |
| 100.000 | 9.88 |
| 102.000 | 9.89 |
| 104.000 | 9.89 |
| 106.000 | 9.89 |
| 108.000 | 9.90 |
| 110.000 | 9.90 |
| 112.000 | 9.90 |
| 114.000 | 9.90 |
| 116.000 | 9.90 |
| 118.000 | 9.91 |
| 120.000 | 9.91 |
| 122.000 | 9.91 |
| 124.000 | 9.91 |
| 126.000 | 9.91 |
| 128.000 | 9.91 |
| 130.000 | 9.91 |
| 132.000 | 9.91 |
| 134.000 | 9.91 |
| 136.000 | 9.91 |
| 138.000 | 9.91 |
| 140.000 | 9.91 |
| 142.000 | 9.92 |
| 144.000 | 9.92 |
| 146.000 | 9.91 |
| 148.000 | 9.91 |
| 150.000 | 9.91 |
| 152.000 | 9.92 |
| 154.000 | 9.91 |
| 156.000 | 9.92 |
| 158.000 | 9.92 |
| 160.000 | 9.91 |
| 162.000 | 9.91 |
| 164.000 | 9.92 |
| 166.000 | 9.92 |
| 168.000 | 9.92 |
| 170.000 | 9.92 |
| 172.000 | 9.92 |
| 174.000 | 9.92 |
| 176.000 | 9.92 |

| Elapsed Time | Value |
|---|---|
| 178.000 | 9.92 |
| 180.000 | 9.92 |
| 182.000 | 9.92 |
| 184.000 | 9.92 |
| 186.000 | 9.91 |
| 188.000 | 9.91 |
| 190.000 | 9.91 |
| 192.000 | 9.91 |
| 194.000 | 9.91 |
| 196.000 | 9.91 |
| 198.000 | 9.91 |
| 200.000 | 9.91 |
| 202.000 | 9.91 |
| 204.000 | 9.91 |
| 206.000 | 9.91 |
| 208.000 | 9.91 |
| 210.000 | 9.91 |
| 212.000 | 9.91 |
| 214.000 | 9.91 |
| 216.000 | 9.91 |
| 218.000 | 9.91 |
| 220.000 | 9.90 |
| 222.000 | 9.90 |
| 224.000 | 9.90 |
| 226.000 | 9.90 |
| 228.000 | 9.89 |
| 230.000 | 9.90 |
| 232.000 | 9.90 |
| 234.000 | 9.90 |
| 236.000 | 9.89 |
| 238.000 | 9.90 |
| 240.000 | 9.89 |
| 242.000 | 9.89 |
| 244.000 | 9.90 |
| 246.000 | 9.92 |
| 248.000 | 9.93 |
| 250.000 | 9.93 |
| 252.000 | 9.93 |
| 254.000 | 9.94 |
| 256.000 | 9.94 |
| 258.000 | 9.96 |
| 260.000 | 9.94 |
| 262.000 | 9.94 |
| 264.000 | 9.95 |
| 266.000 | 9.94 |
| 268.000 | 9.95 |
| 270.000 | 9.95 |
| 272.000 | 9.94 |
| 274.000 | 9.94 |
| 276.000 | 9.94 |
| 278.000 | 9.94 |
| 280.000 | 9.94 |
| 282.000 | 9.94 |
| 284.000 | 9.94 |



CHM 003 0957

| Elapsed Time | Value |
|---|---|
| 286.000 | 9.94 |
| 288.000 | 9.93 |
| 290.000 | 9.93 |
| 292.000 | 9.92 |
| 294.000 | 9.93 |
| 296.000 | 9.93 |
| 298.000 | 9.93 |
| 300.000 | 9.92 |
| 302.000 | 9.92 |
| 304.000 | 9.93 |
| 306.000 | 9.93 |
| 308.000 | 9.93 |
| 310.000 | 9.93 |
| 312.000 | 9.92 |
| 314.000 | 9.92 |
| 316.000 | 9.92 |
| 318.000 | 9.92 |
| 320.000 | 9.92 |
| 322.000 | 9.92 |
| 324.000 | 9.92 |
| 326.000 | 9.92 |
| 328.000 | 9.92 |
| 330.000 | 9.92 |
| 332.000 | 9.92 |
| 334.000 | 9.91 |
| 336.000 | 9.91 |
| 338.000 | 9.91 |
| 340.000 | 9.91 |
| 342.000 | 9.91 |
| 344.000 | 9.91 |
| 346.000 | 9.91 |
| 348.000 | 9.91 |
| 350.000 | 9.91 |
| 352.000 | 9.91 |
| 354.000 | 9.91 |
| 356.000 | 9.91 |
| 358.000 | 9.92 |
| 360.000 | 9.93 |
| 362.000 | 9.93 |
| 364.000 | 9.94 |
| 366.000 | 9.94 |
| 368.000 | 9.94 |
| 370.000 | 9.95 |
| 372.000 | 9.95 |
| 374.000 | 9.96 |
| 376.000 | 9.96 |
| 378.000 | 9.96 |
| 380.000 | 9.96 |
| 382.000 | 9.96 |
| 384.000 | 9.96 |
| 386.000 | 9.96 |
| 388.000 | 9.96 |
| 390.000 | 9.96 |
| 392.000 | 9.96 |



CHM 003 0958

| Elapsed Time | Value |
|---|---|
| 394.000 | 9.96 |
| 396.000 | 9.96 |
| 398.000 | 9.97 |
| 400.000 | 9.97 |
| 402.000 | 9.97 |
| 404.000 | 9.97 |
| 406.000 | 9.97 |
| 408.000 | 9.97 |
| 410.000 | 9.97 |
| 412.000 | 9.97 |
| 414.000 | 9.97 |
| 416.000 | 9.97 |
| 418.000 | 9.97 |
| 420.000 | 9.97 |
| 422.000 | 9.97 |
| 424.000 | 9.96 |
| 426.000 | 9.96 |
| 428.000 | 9.96 |
| 430.000 | 9.96 |
| 432.000 | 9.96 |
| 434.000 | 9.96 |
| 436.000 | 9.96 |
| 438.000 | 9.97 |
| 440.000 | 9.97 |
| 442.000 | 9.97 |
| 444.000 | 9.97 |
| 446.000 | 9.97 |
| 448.000 | 9.97 |
| 450.000 | 9.97 |
| 452.000 | 9.97 |
| 454.000 | 9.97 |
| 456.000 | 9.97 |
| 458.000 | 9.97 |
| 460.000 | 9.97 |
| 462.000 | 9.97 |
| 464.000 | 9.97 |
| 466.000 | 9.97 |
| 468.000 | 9.97 |
| 470.000 | 9.97 |
| 472.000 | 9.97 |
| 474.000 | 9.97 |
| 476.000 | 9.97 |
| 478.000 | 9.98 |
| 480.000 | 9.98 |
| 482.000 | 9.98 |
| 484.000 | 9.98 |
| 486.000 | 9.98 |
| 488.000 | 9.98 |
| 490.000 | 9.98 |
| 492.000 | 9.98 |
| 494.000 | 9.98 |
| 496.000 | 9.98 |
| 498.000 | 9.98 |
| 500.000 | 9.98 |



CHM 003 0959

| Elapsed Time | Value |
|---|---|
| 502.000 | 9.98 |
| 504.000 | 9.98 |
| 506.000 | 9.98 |
| 508.000 | 9.98 |
| 510.000 | 9.98 |
| 512.000 | 9.98 |
| 514.000 | 9.98 |
| 516.000 | 9.98 |
| 518.000 | 9.98 |
| 520.000 | 9.98 |
| 522.000 | 9.98 |
| 524.000 | 9.98 |
| 526.000 | 9.98 |
| 528.000 | 9.98 |
| 530.000 | 9.98 |
| 532.000 | 9.98 |
| 534.000 | 9.98 |
| 536.000 | 9.99 |
| 538.000 | 9.99 |
| 540.000 | 9.99 |
| 542.000 | 9.99 |
| 544.000 | 9.99 |
| 546.000 | 9.99 |
| 548.000 | 9.99 |
| 550.000 | 9.99 |
| 552.000 | 9.99 |
| 554.000 | 9.99 |
| 556.000 | 9.99 |
| 558.000 | 9.99 |
| 560.000 | 9.99 |
| 562.000 | 9.99 |
| 564.000 | 9.99 |
| 566.000 | 9.99 |
| 568.000 | 9.99 |
| 570.000 | 9.99 |
| 572.000 | 9.99 |
| 574.000 | 9.99 |
| 576.000 | 9.99 |
| 578.000 | 9.99 |
| 580.000 | 9.99 |
| 582.000 | 9.99 |
| 584.000 | 10.00 |
| 586.000 | 10.00 |
| 588.000 | 10.00 |
| 590.000 | 10.00 |
| 592.000 | 10.00 |
| 594.000 | 10.00 |
| 596.000 | 10.00 |
| 598.000 | 10.00 |
| 600.000 | 10.00 |
| 602.000 | 10.00 |
| 604.000 | 10.00 |
| 606.000 | 10.00 |
| 608.000 | 10.00 |



CHM 003 0960

| Elapsed Time | Value |
|---|---|
| 610.000 | 10.00 |
| 612.000 | 10.00 |
| 614.000 | 10.00 |
| 616.000 | 10.00 |
| 618.000 | 10.00 |
| 620.000 | 10.00 |
| 622.000 | 10.00 |
| 624.000 | 10.00 |
| 626.000 | 10.00 |
| 628.000 | 10.01 |
| 630.000 | 10.01 |
| 632.000 | 10.01 |
| 634.000 | 10.01 |
| 636.000 | 10.01 |
| 638.000 | 10.01 |
| 640.000 | 10.01 |
| 642.000 | 10.01 |
| 644.000 | 10.01 |
| 646.000 | 10.01 |
| 648.000 | 10.01 |
| 650.000 | 10.01 |
| 652.000 | 10.01 |
| 654.000 | 10.01 |
| 656.000 | 10.02 |
| 658.000 | 10.02 |
| 660.000 | 10.03 |
| 662.000 | 10.03 |
| 664.000 | 10.03 |
| 666.000 | 10.03 |
| 668.000 | 10.03 |
| 670.000 | 10.03 |
| 672.000 | 10.03 |
| 674.000 | 10.03 |
| 676.000 | 10.03 |
| 678.000 | 10.03 |
| 680.000 | 10.04 |
| 682.000 | 10.04 |
| 684.000 | 10.04 |
| 686.000 | 10.04 |
| 688.000 | 10.04 |
| 690.000 | 10.04 |
| 692.000 | 10.04 |
| 694.000 | 10.03 |
| 696.000 | 10.04 |
| 698.000 | 10.03 |
| 700.000 | 10.03 |
| 702.000 | 10.03 |
| 704.000 | 10.03 |
| 706.000 | 10.03 |
| 708.000 | 10.03 |
| 710.000 | 10.03 |
| 712.000 | 10.03 |
| 714.000 | 10.03 |
| 716.000 | 10.04 |



CHM 003 0961

| Elapsed Time | Value |
|---|---|
| 718.000 | 10.03 |
| 720.000 | 10.04 |
| 722.000 | 10.04 |
| 724.000 | 10.04 |
| 726.000 | 10.04 |
| 728.000 | 10.04 |
| 730.000 | 10.04 |
| 732.000 | 10.04 |
| 734.000 | 10.04 |
| 736.000 | 10.03 |
| 738.000 | 10.04 |
| 740.000 | 10.04 |
| 742.000 | 10.04 |
| 744.000 | 10.04 |
| 746.000 | 10.03 |
| 748.000 | 10.03 |
| 750.000 | 10.03 |
| 752.000 | 10.03 |
| 754.000 | 10.03 |
| 756.000 | 10.04 |
| 758.000 | 10.04 |
| 760.000 | 10.04 |
| 762.000 | 10.04 |
| 764.000 | 10.05 |
| 766.000 | 10.05 |
| 768.000 | 10.05 |
| 770.000 | 10.05 |
| 772.000 | 10.05 |
| 774.000 | 10.05 |
| 776.000 | 10.05 |
| 778.000 | 10.05 |
| 780.000 | 10.05 |
| 782.000 | 10.05 |
| 784.000 | 10.05 |
| 786.000 | 10.04 |
| 788.000 | 10.05 |
| 790.000 | 10.05 |
| 792.000 | 10.05 |
| 794.000 | 10.05 |
| 796.000 | 10.05 |
| 798.000 | 10.04 |
| 800.000 | 10.05 |
| 802.000 | 10.05 |
| 804.000 | 10.04 |
| 806.000 | 10.05 |
| 808.000 | 10.05 |
| 810.000 | 10.05 |
| 812.000 | 10.05 |
| 814.000 | 10.05 |
| 816.000 | 10.05 |
| 818.000 | 10.05 |
| 820.000 | 10.05 |
| 822.000 | 10.05 |
| 824.000 | 10.05 |



CHM 003 0962

| Elapsed Time | Value |
|---|---|
| 826.000 | 10.05 |
| 828.000 | 10.05 |
| 830.000 | 10.05 |
| 832.000 | 10.05 |
| 834.000 | 10.05 |
| 836.000 | 10.05 |
| 838.000 | 10.05 |
| 840.000 | 10.05 |
| 842.000 | 10.05 |
| 844.000 | 10.05 |
| 846.000 | 10.05 |
| 848.000 | 10.05 |
| 850.000 | 10.05 |
| 852.000 | 10.05 |
| 854.000 | 10.05 |
| 856.000 | 10.05 |
| 858.000 | 10.05 |
| 860.000 | 10.05 |
| 862.000 | 10.05 |
| 864.000 | 10.05 |
| 866.000 | 10.05 |
| 868.000 | 10.05 |
| 870.000 | 10.05 |
| 872.000 | 10.05 |
| 874.000 | 10.05 |
| 876.000 | 10.05 |
| 878.000 | 10.05 |
| 880.000 | 10.05 |
| 882.000 | 10.05 |
| 884.000 | 10.05 |
| 886.000 | 10.05 |
| 888.000 | 10.05 |
| 890.000 | 10.05 |
| 892.000 | 10.05 |
| 894.000 | 10.05 |
| 896.000 | 10.05 |
| 898.000 | 10.05 |
| 900.000 | 10.05 |
| 902.000 | 10.05 |
| 904.000 | 10.05 |
| 906.000 | 10.05 |
| 908.000 | 10.05 |
| 910.000 | 10.05 |
| 912.000 | 10.05 |
| 914.000 | 10.05 |
| 916.000 | 10.05 |
| 918.000 | 10.05 |
| 920.000 | 10.05 |
| 922.000 | 10.05 |
| 924.000 | 10.05 |
| 926.000 | 10.05 |
| 928.000 | 10.05 |
| 930.000 | 10.04 |
| 932.000 | 10.04 |



CHM 003 0963

| Elapsed Time | Value |
|---|---|
| 934.000 | 10.04 |
| 936.000 | 10.04 |
| 938.000 | 10.04 |
| 940.000 | 10.04 |
| 942.000 | 10.04 |
| 944.000 | 10.05 |
| 946.000 | 10.05 |
| 948.000 | 10.05 |
| 950.000 | 10.05 |
| 952.000 | 10.05 |
| 954.000 | 10.05 |
| 956.000 | 10.05 |
| 958.000 | 10.04 |
| 960.000 | 10.04 |
| 962.000 | 10.04 |
| 964.000 | 10.04 |
| 966.000 | 10.04 |
| 968.000 | 10.04 |
| 970.000 | 10.04 |
| 972.000 | 10.04 |
| 974.000 | 10.04 |
| 976.000 | 10.04 |
| 978.000 | 10.04 |
| 980.000 | 10.03 |
| 982.000 | 10.04 |
| 984.000 | 10.03 |
| 986.000 | 10.04 |
| 988.000 | 10.04 |
| 990.000 | 10.04 |
| 992.000 | 10.04 |
| 994.000 | 10.04 |
| 996.000 | 10.04 |
| 998.000 | 10.04 |
| 1000.00 | 10.04 |
| 1002.00 | 10.04 |
| 1004.00 | 10.04 |
| 1006.00 | 10.03 |
| 1008.00 | 10.03 |
| 1010.00 | 10.03 |
| 1012.00 | 10.03 |
| 1014.00 | 10.03 |
| 1016.00 | 10.03 |
| 1018.00 | 10.03 |
| 1020.00 | 10.03 |
| 1022.00 | 10.03 |
| 1024.00 | 10.03 |
| 1026.00 | 10.03 |
| 1028.00 | 10.03 |
| 1030.00 | 10.03 |
| 1032.00 | 10.03 |
| 1034.00 | 10.03 |
| 1036.00 | 10.03 |
| 1038.00 | 10.03 |
| 1040.00 | 10.03 |



CHM 003 0964

| Elapsed Time | Value |
|---|---|
| 1042.00 | 10.03 |
| 1044.00 | 10.03 |
| 1046.00 | 10.03 |
| 1048.00 | 10.03 |
| 1050.00 | 10.03 |
| 1052.00 | 10.03 |
| 1054.00 | 10.03 |
| 1056.00 | 10.02 |
| 1058.00 | 10.02 |
| 1060.00 | 10.02 |
| 1062.00 | 10.02 |
| 1064.00 | 10.02 |
| 1066.00 | 10.02 |
| 1068.00 | 10.02 |
| 1070.00 | 10.01 |
| 1072.00 | 10.01 |
| 1074.00 | 10.01 |
| 1076.00 | 10.01 |
| 1078.00 | 10.01 |
| 1080.00 | 10.01 |
| 1082.00 | 10.02 |
| 1084.00 | 10.02 |
| 1086.00 | 10.01 |
| 1088.00 | 10.02 |
| 1090.00 | 10.02 |
| 1092.00 | 10.01 |
| 1094.00 | 10.01 |
| 1096.00 | 10.01 |
| 1098.00 | 10.01 |
| 1100.00 | 10.01 |
| 1102.00 | 10.01 |
| 1104.00 | 10.01 |
| 1106.00 | 10.01 |
| 1108.00 | 10.01 |
| 1110.00 | 10.01 |
| 1112.00 | 10.01 |
| 1114.00 | 10.01 |
| 1116.00 | 10.01 |
| 1118.00 | 10.01 |
| 1120.00 | 10.01 |
| 1122.00 | 10.01 |
| 1124.00 | 10.01 |
| 1126.00 | 10.01 |
| 1128.00 | 10.01 |
| 1130.00 | 10.01 |
| 1132.00 | 10.01 |
| 1134.00 | 10.01 |
| 1136.00 | 10.01 |
| 1138.00 | 10.01 |
| 1140.00 | 10.01 |
| 1142.00 | 10.01 |
| 1144.00 | 10.01 |
| 1146.00 | 10.01 |
| 1148.00 | 10.01 |



CHM 003 0965

| Elapsed Time | Value |
|---|---|
| 1150.00 | 10.01 |
| 1152.00 | 10.01 |
| 1154.00 | 10.01 |
| 1156.00 | 10.00 |
| 1158.00 | 10.00 |
| 1160.00 | 10.00 |
| 1162.00 | 10.00 |
| 1164.00 | 10.00 |
| 1166.00 | 10.00 |
| 1168.00 | 10.00 |
| 1170.00 | 10.00 |
| 1172.00 | 10.00 |
| 1174.00 | 10.00 |
| 1176.00 | 10.01 |
| 1178.00 | 10.01 |
| 1180.00 | 10.01 |
| 1182.00 | 10.01 |
| 1184.00 | 10.01 |
| 1186.00 | 10.00 |
| 1188.00 | 10.00 |
| 1190.00 | 10.00 |
| 1192.00 | 10.00 |
| 1194.00 | 10.00 |
| 1196.00 | 10.00 |
| 1198.00 | 10.00 |
| 1200.00 | 10.00 |
| 1202.00 | 10.00 |
| 1204.00 | 10.00 |
| 1206.00 | 10.00 |
| 1208.00 | 10.00 |
| 1210.00 | 10.00 |
| 1212.00 | 10.00 |
| 1214.00 | 10.00 |
| 1216.00 | 10.00 |
| 1218.00 | 10.00 |
| 1220.00 | 10.01 |
| 1222.00 | 10.01 |
| 1224.00 | 10.01 |
| 1226.00 | 10.01 |
| 1228.00 | 10.01 |
| 1230.00 | 10.01 |
| 1232.00 | 10.01 |
| 1234.00 | 10.01 |
| 1236.00 | 10.01 |
| 1238.00 | 10.01 |
| 1240.00 | 10.01 |
| 1242.00 | 10.01 |
| 1244.00 | 10.01 |
| 1246.00 | 10.01 |
| 1248.00 | 10.01 |
| 1250.00 | 10.01 |
| 1252.00 | 10.01 |
| 1254.00 | 10.01 |
| 1256.00 | 10.01 |

| Elapsed Time | Value |
|---|---|
| 1258.00 | 10.01 |
| 1260.00 | 10.01 |
| 1262.00 | 10.01 |
| 1264.00 | 10.01 |
| 1266.00 | 10.01 |
| 1268.00 | 10.01 |
| 1270.00 | 10.02 |
| 1272.00 | 10.02 |
| 1274.00 | 10.02 |
| 1276.00 | 10.02 |
| 1278.00 | 10.02 |
| 1280.00 | 10.02 |
| 1282.00 | 10.02 |
| 1284.00 | 10.02 |
| 1286.00 | 10.02 |
| 1288.00 | 10.02 |
| 1290.00 | 10.02 |
| 1292.00 | 10.02 |
| 1294.00 | 10.02 |
| 1296.00 | 10.03 |
| 1298.00 | 10.03 |



CHM 003 0967

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 4 PUMP ZONE: 78' - 103' IN DMW-11

WELL ID: C-9

SE1000B
Environmental Logger
12/01 08:34

Unit# 03010 Test# 0

INPUT 2: Level (F) TOC

Reference 0.00
Scale factor 29.98
Offset - 0.01

Step# 0 11/30 09:07

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | -0.00 |
| 6.0000 | -0.00 |
| 8.0000 | -0.00 |
| 10.0000 | -0.00 |
| 12.0000 | -0.00 |
| 14.0000 | -0.01 |
| 16.0000 | -0.01 |
| 18.0000 | -0.01 |
| 20.0000 | -0.01 |
| 22.0000 | 0.01 |
| 24.0000 | 0.00 |
| 26.0000 | 0.06 |
| 28.0000 | 0.19 |
| 30.0000 | 0.20 |
| 32.0000 | 0.21 |
| 34.0000 | 0.23 |
| 36.0000 | 0.35 |
| 38.0000 | 0.43 |
| 40.0000 | 0.51 |
| 42.0000 | 0.58 |
| 44.0000 | 0.64 |
| 46.0000 | 0.70 |
| 48.0000 | 0.74 |
| 50.0000 | 0.78 |
| 52.0000 | 0.86 |
| 54.0000 | 0.97 |
| 56.0000 | 1.07 |
| 58.0000 | 1.15 |
| 60.0000 | 1.21 |
| 62.0000 | 1.27 |
| 64.0000 | 1.33 |
| 66.0000 | 1.38 |
| 68.0000 | 1.41 |



CHM 003 0968

| Elapsed Time | Value |
|---|---|
| 70.0000 | 1.45 |
| 72.0000 | 1.50 |
| 74.0000 | 1.53 |
| 76.0000 | 1.56 |
| 78.0000 | 1.58 |
| 80.0000 | 1.61 |
| 82.0000 | 1.70 |
| 84.0000 | 1.82 |
| 86.0000 | 1.93 |
| 88.0000 | 2.01 |
| 90.0000 | 2.08 |
| 92.0000 | 2.14 |
| 94.0000 | 2.20 |
| 96.0000 | 2.25 |
| 98.0000 | 2.29 |
| 100.000 | 2.34 |
| 102.000 | 2.38 |
| 104.000 | 2.42 |
| 106.000 | 2.46 |
| 108.000 | 2.49 |
| 110.000 | 2.52 |
| 112.000 | 2.56 |
| 114.000 | 2.59 |
| 116.000 | 2.63 |
| 118.000 | 2.64 |
| 120.000 | 2.67 |
| 122.000 | 2.70 |
| 124.000 | 2.72 |
| 126.000 | 2.74 |
| 128.000 | 2.77 |
| 130.000 | 2.79 |
| 132.000 | 2.81 |
| 134.000 | 2.82 |
| 136.000 | 2.85 |
| 138.000 | 2.86 |
| 140.000 | 2.88 |
| 142.000 | 2.90 |
| 144.000 | 2.92 |
| 146.000 | 2.94 |
| 148.000 | 2.95 |
| 150.000 | 2.97 |
| 152.000 | 2.99 |
| 154.000 | 3.00 |
| 156.000 | 3.01 |
| 158.000 | 3.03 |
| 160.000 | 3.04 |
| 162.000 | 3.06 |
| 164.000 | 3.07 |
| 166.000 | 3.09 |
| 168.000 | 3.10 |
| 170.000 | 3.11 |
| 172.000 | 3.13 |
| 174.000 | 3.14 |
| 176.000 | 3.15 |



CHM 003 0969

| Elapsed Time | Value |
|---|---|
| 178.000 | 3.16 |
| 180.000 | 3.17 |
| 182.000 | 3.18 |
| 184.000 | 3.19 |
| 186.000 | 3.20 |
| 188.000 | 3.21 |
| 190.000 | 3.22 |
| 192.000 | 3.23 |
| 194.000 | 3.25 |
| 196.000 | 3.26 |
| 198.000 | 3.27 |
| 200.000 | 3.28 |
| 202.000 | 3.29 |
| 204.000 | 3.30 |
| 206.000 | 3.31 |
| 208.000 | 3.32 |
| 210.000 | 3.33 |
| 212.000 | 3.34 |
| 214.000 | 3.34 |
| 216.000 | 3.35 |
| 218.000 | 3.36 |
| 220.000 | 3.37 |
| 222.000 | 3.38 |
| 224.000 | 3.38 |
| 226.000 | 3.39 |
| 228.000 | 3.40 |
| 230.000 | 3.41 |
| 232.000 | 3.42 |
| 234.000 | 3.43 |
| 236.000 | 3.44 |
| 238.000 | 3.44 |
| 240.000 | 3.45 |
| 242.000 | 3.46 |
| 244.000 | 3.47 |
| 246.000 | 3.48 |
| 248.000 | 3.49 |
| 250.000 | 3.49 |
| 252.000 | 3.50 |
| 254.000 | 3.51 |
| 256.000 | 3.51 |
| 258.000 | 3.52 |
| 260.000 | 3.52 |
| 262.000 | 3.53 |
| 264.000 | 3.53 |
| 266.000 | 3.54 |
| 268.000 | 3.55 |
| 270.000 | 3.55 |
| 272.000 | 3.56 |
| 274.000 | 3.57 |
| 276.000 | 3.57 |
| 278.000 | 3.58 |
| 280.000 | 3.59 |
| 282.000 | 3.59 |
| 284.000 | 3.60 |



CHM 003 0970

| Elapsed Time | Value |
|---|---|
| 286.000 | 3.61 |
| 288.000 | 3.62 |
| 290.000 | 3.62 |
| 292.000 | 3.63 |
| 294.000 | 3.63 |
| 296.000 | 3.64 |
| 298.000 | 3.64 |
| 300.000 | 3.65 |
| 302.000 | 3.66 |
| 304.000 | 3.66 |
| 306.000 | 3.67 |
| 308.000 | 3.67 |
| 310.000 | 3.68 |
| 312.000 | 3.68 |
| 314.000 | 3.69 |
| 316.000 | 3.69 |
| 318.000 | 3.69 |
| 320.000 | 3.69 |
| 322.000 | 3.70 |
| 324.000 | 3.70 |
| 326.000 | 3.41 |
| 328.000 | 3.09 |
| 330.000 | 2.85 |
| 332.000 | 2.65 |
| 334.000 | 2.50 |
| 336.000 | 2.37 |
| 338.000 | 2.26 |
| 340.000 | 2.16 |
| 342.000 | 2.07 |
| 344.000 | 1.99 |
| 346.000 | 1.93 |
| 348.000 | 1.86 |
| 350.000 | 1.80 |
| 352.000 | 1.75 |
| 354.000 | 1.69 |
| 356.000 | 1.65 |
| 358.000 | 1.60 |
| 360.000 | 1.56 |
| 362.000 | 1.52 |
| 364.000 | 1.48 |
| 366.000 | 1.44 |
| 368.000 | 1.41 |
| 370.000 | 1.39 |
| 372.000 | 1.37 |
| 374.000 | 1.32 |
| 376.000 | 1.29 |
| 378.000 | 1.25 |
| 380.000 | 1.23 |
| 382.000 | 1.21 |
| 384.000 | 1.18 |
| 386.000 | 1.15 |
| 388.000 | 1.13 |
| 390.000 | 1.11 |
| 392.000 | 1.09 |



CHM 003 0971

| Elapsed Time | Value |
|---|---|
| 394.000 | 1.07 |
| 396.000 | 1.05 |
| 398.000 | 1.05 |
| 400.000 | 1.03 |
| 402.000 | 1.01 |
| 404.000 | 1.00 |
| 406.000 | 0.98 |
| 408.000 | 0.97 |
| 410.000 | 0.95 |
| 412.000 | 0.94 |
| 414.000 | 0.93 |
| 416.000 | 0.91 |
| 418.000 | 0.90 |
| 420.000 | 0.89 |
| 422.000 | 0.88 |
| 424.000 | 0.87 |
| 426.000 | 0.86 |
| 428.000 | 0.85 |
| 430.000 | 0.84 |
| 432.000 | 0.83 |
| 434.000 | 0.82 |
| 436.000 | 0.81 |
| 438.000 | 0.80 |
| 440.000 | 0.79 |
| 442.000 | 0.78 |
| 444.000 | 0.77 |
| 446.000 | 0.76 |
| 448.000 | 0.76 |
| 450.000 | 0.75 |
| 452.000 | 0.74 |
| 454.000 | 0.73 |
| 456.000 | 0.73 |
| 458.000 | 0.72 |
| 460.000 | 0.71 |
| 462.000 | 0.70 |
| 464.000 | 0.70 |
| 466.000 | 0.70 |
| 468.000 | 0.70 |
| 470.000 | 0.69 |
| 472.000 | 0.68 |
| 474.000 | 0.67 |
| 476.000 | 0.67 |
| 478.000 | 0.66 |
| 480.000 | 0.66 |
| 482.000 | 0.65 |
| 484.000 | 0.64 |
| 486.000 | 0.64 |
| 488.000 | 0.63 |
| 490.000 | 0.63 |
| 492.000 | 0.62 |
| 494.000 | 0.61 |
| 496.000 | 0.62 |
| 498.000 | 0.61 |
| 500.000 | 0.61 |



CHM 003 0972

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.60 |
| 504.000 | 0.60 |
| 506.000 | 0.59 |
| 508.000 | 0.59 |
| 510.000 | 0.58 |
| 512.000 | 0.58 |
| 514.000 | 0.58 |
| 516.000 | 0.57 |
| 518.000 | 0.56 |
| 520.000 | 0.56 |
| 522.000 | 0.56 |
| 524.000 | 0.55 |
| 526.000 | 0.55 |
| 528.000 | 0.55 |
| 530.000 | 0.54 |
| 532.000 | 0.54 |
| 534.000 | 0.54 |
| 536.000 | 0.53 |
| 538.000 | 0.53 |
| 540.000 | 0.52 |
| 542.000 | 0.52 |
| 544.000 | 0.52 |
| 546.000 | 0.52 |
| 548.000 | 0.52 |
| 550.000 | 0.52 |
| 552.000 | 0.51 |
| 554.000 | 0.51 |
| 556.000 | 0.51 |
| 558.000 | 0.51 |
| 560.000 | 0.50 |
| 562.000 | 0.50 |
| 564.000 | 0.50 |
| 566.000 | 0.49 |
| 568.000 | 0.49 |
| 570.000 | 0.49 |
| 572.000 | 0.49 |
| 574.000 | 0.48 |
| 576.000 | 0.48 |
| 578.000 | 0.48 |
| 580.000 | 0.48 |
| 582.000 | 0.48 |
| 584.000 | 0.47 |
| 586.000 | 0.47 |
| 588.000 | 0.47 |
| 590.000 | 0.47 |
| 592.000 | 0.47 |
| 594.000 | 0.46 |
| 596.000 | 0.46 |
| 598.000 | 0.46 |
| 600.000 | 0.46 |
| 602.000 | 0.46 |
| 604.000 | 0.45 |
| 606.000 | 0.45 |
| 608.000 | 0.45 |



CHM 003 0973

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.45 |
| 612.000 | 0.45 |
| 614.000 | 0.44 |
| 616.000 | 0.44 |
| 618.000 | 0.44 |
| 620.000 | 0.44 |
| 622.000 | 0.43 |
| 624.000 | 0.44 |
| 626.000 | 0.43 |
| 628.000 | 0.43 |
| 630.000 | 0.43 |
| 632.000 | 0.43 |
| 634.000 | 0.43 |
| 636.000 | 0.43 |
| 638.000 | 0.42 |
| 640.000 | 0.42 |
| 642.000 | 0.42 |
| 644.000 | 0.42 |
| 646.000 | 0.42 |
| 648.000 | 0.42 |
| 650.000 | 0.42 |
| 652.000 | 0.41 |
| 654.000 | 0.41 |
| 656.000 | 0.41 |
| 658.000 | 0.41 |
| 660.000 | 0.41 |
| 662.000 | 0.41 |
| 664.000 | 0.41 |
| 666.000 | 0.40 |
| 668.000 | 0.40 |
| 670.000 | 0.40 |
| 672.000 | 0.40 |
| 674.000 | 0.40 |
| 676.000 | 0.40 |
| 678.000 | 0.40 |
| 680.000 | 0.40 |
| 682.000 | 0.40 |
| 684.000 | 0.40 |
| 686.000 | 0.40 |
| 688.000 | 0.40 |
| 690.000 | 0.39 |
| 692.000 | 0.39 |
| 694.000 | 0.39 |
| 696.000 | 0.39 |
| 698.000 | 0.39 |
| 700.000 | 0.39 |
| 702.000 | 0.39 |
| 704.000 | 0.39 |
| 706.000 | 0.39 |
| 708.000 | 0.39 |
| 710.000 | 0.39 |
| 712.000 | 0.39 |
| 714.000 | 0.39 |
| 716.000 | 0.39 |



CHM 003 0974

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.39 |
| 720.000 | 0.39 |
| 722.000 | 0.38 |
| 724.000 | 0.38 |
| 726.000 | 0.38 |
| 728.000 | 0.38 |
| 730.000 | 0.38 |
| 732.000 | 0.38 |
| 734.000 | 0.38 |
| 736.000 | 0.38 |
| 738.000 | 0.38 |
| 740.000 | 0.38 |
| 742.000 | 0.38 |
| 744.000 | 0.39 |
| 746.000 | 0.39 |
| 748.000 | 0.39 |
| 750.000 | 0.39 |
| 752.000 | 0.39 |
| 754.000 | 0.39 |
| 756.000 | 0.39 |
| 758.000 | 0.38 |
| 760.000 | 0.38 |
| 762.000 | 0.38 |
| 764.000 | 0.38 |
| 766.000 | 0.38 |
| 768.000 | 0.38 |
| 770.000 | 0.38 |
| 772.000 | 0.38 |
| 774.000 | 0.38 |
| 776.000 | 0.37 |
| 778.000 | 0.37 |
| 780.000 | 0.37 |
| 782.000 | 0.37 |
| 784.000 | 0.37 |
| 786.000 | 0.37 |
| 788.000 | 0.37 |
| 790.000 | 0.37 |
| 792.000 | 0.37 |
| 794.000 | 0.37 |
| 796.000 | 0.37 |
| 798.000 | 0.37 |
| 800.000 | 0.37 |
| 802.000 | 0.37 |
| 804.000 | 0.37 |
| 806.000 | 0.37 |
| 808.000 | 0.37 |
| 810.000 | 0.37 |
| 812.000 | 0.36 |
| 814.000 | 0.36 |
| 816.000 | 0.36 |
| 818.000 | 0.36 |
| 820.000 | 0.36 |
| 822.000 | 0.36 |
| 824.000 | 0.36 |



CHM 003 0975

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.36 |
| 828.000 | 0.36 |
| 830.000 | 0.36 |
| 832.000 | 0.36 |
| 834.000 | 0.36 |
| 836.000 | 0.35 |
| 838.000 | 0.35 |
| 840.000 | 0.35 |
| 842.000 | 0.35 |
| 844.000 | 0.35 |
| 846.000 | 0.35 |
| 848.000 | 0.35 |
| 850.000 | 0.35 |
| 852.000 | 0.35 |
| 854.000 | 0.35 |
| 856.000 | 0.35 |
| 858.000 | 0.35 |
| 860.000 | 0.35 |
| 862.000 | 0.35 |
| 864.000 | 0.35 |
| 866.000 | 0.35 |
| 868.000 | 0.35 |
| 870.000 | 0.35 |
| 872.000 | 0.35 |
| 874.000 | 0.35 |
| 876.000 | 0.35 |
| 878.000 | 0.35 |
| 880.000 | 0.35 |
| 882.000 | 0.35 |
| 884.000 | 0.34 |
| 886.000 | 0.34 |
| 888.000 | 0.34 |
| 890.000 | 0.34 |
| 892.000 | 0.34 |
| 894.000 | 0.34 |
| 896.000 | 0.34 |
| 898.000 | 0.34 |
| 900.000 | 0.34 |
| 902.000 | 0.34 |
| 904.000 | 0.34 |
| 906.000 | 0.34 |
| 908.000 | 0.34 |
| 910.000 | 0.34 |
| 912.000 | 0.34 |
| 914.000 | 0.34 |
| 916.000 | 0.33 |
| 918.000 | 0.34 |
| 920.000 | 0.34 |
| 922.000 | 0.33 |
| 924.000 | 0.33 |
| 926.000 | 0.33 |
| 928.000 | 0.33 |
| 930.000 | 0.33 |
| 932.000 | 0.33 |



CHM 003 0976

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.33 |
| 936.000 | 0.33 |
| 938.000 | 0.33 |
| 940.000 | 0.33 |
| 942.000 | 0.32 |
| 944.000 | 0.32 |
| 946.000 | 0.32 |
| 948.000 | 0.33 |
| 950.000 | 0.32 |
| 952.000 | 0.32 |
| 954.000 | 0.32 |
| 956.000 | 0.32 |
| 958.000 | 0.32 |
| 960.000 | 0.32 |
| 962.000 | 0.32 |
| 964.000 | 0.32 |
| 966.000 | 0.32 |
| 968.000 | 0.31 |
| 970.000 | 0.31 |
| 972.000 | 0.31 |
| 974.000 | 0.31 |
| 976.000 | 0.31 |
| 978.000 | 0.31 |
| 980.000 | 0.31 |
| 982.000 | 0.31 |
| 984.000 | 0.31 |
| 986.000 | 0.31 |
| 988.000 | 0.31 |
| 990.000 | 0.30 |
| 992.000 | 0.31 |
| 994.000 | 0.30 |
| 996.000 | 0.30 |
| 998.000 | 0.30 |
| 1000.00 | 0.30 |
| 1002.00 | 0.30 |
| 1004.00 | 0.30 |
| 1006.00 | 0.30 |
| 1008.00 | 0.30 |
| 1010.00 | 0.30 |
| 1012.00 | 0.30 |
| 1014.00 | 0.30 |
| 1016.00 | 0.30 |
| 1018.00 | 0.30 |
| 1020.00 | 0.30 |
| 1022.00 | 0.29 |
| 1024.00 | 0.29 |
| 1026.00 | 0.29 |
| 1028.00 | 0.29 |
| 1030.00 | 0.29 |
| 1032.00 | 0.29 |
| 1034.00 | 0.29 |
| 1036.00 | 0.28 |
| 1038.00 | 0.28 |
| 1040.00 | 0.28 |



CHM 003 0977

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.28 |
| 1044.00 | 0.28 |
| 1046.00 | 0.28 |
| 1048.00 | 0.28 |
| 1050.00 | 0.28 |
| 1052.00 | 0.28 |
| 1054.00 | 0.28 |
| 1056.00 | 0.28 |
| 1058.00 | 0.28 |
| 1060.00 | 0.28 |
| 1062.00 | 0.27 |
| 1064.00 | 0.27 |
| 1066.00 | 0.27 |
| 1068.00 | 0.27 |
| 1070.00 | 0.27 |
| 1072.00 | 0.27 |
| 1074.00 | 0.27 |
| 1076.00 | 0.27 |
| 1078.00 | 0.26 |
| 1080.00 | 0.26 |
| 1082.00 | 0.26 |
| 1084.00 | 0.26 |
| 1086.00 | 0.26 |
| 1088.00 | 0.26 |
| 1090.00 | 0.26 |
| 1092.00 | 0.26 |
| 1094.00 | 0.25 |
| 1096.00 | 0.25 |
| 1098.00 | 0.25 |
| 1100.00 | 0.25 |
| 1102.00 | 0.25 |
| 1104.00 | 0.25 |
| 1106.00 | 0.25 |
| 1108.00 | 0.25 |
| 1110.00 | 0.25 |
| 1112.00 | 0.25 |
| 1114.00 | 0.25 |
| 1116.00 | 0.24 |
| 1118.00 | 0.24 |
| 1120.00 | 0.24 |
| 1122.00 | 0.24 |
| 1124.00 | 0.24 |
| 1126.00 | 0.24 |
| 1128.00 | 0.24 |
| 1130.00 | 0.24 |
| 1132.00 | 0.23 |
| 1134.00 | 0.24 |
| 1136.00 | 0.23 |
| 1138.00 | 0.23 |
| 1140.00 | 0.23 |
| 1142.00 | 0.23 |
| 1144.00 | 0.23 |
| 1146.00 | 0.23 |
| 1148.00 | 0.23 |



CHM 003 0978

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.23 |
| 1152.00 | 0.23 |
| 1154.00 | 0.23 |
| 1156.00 | 0.22 |
| 1158.00 | 0.22 |
| 1160.00 | 0.22 |
| 1162.00 | 0.22 |
| 1164.00 | 0.22 |
| 1166.00 | 0.22 |
| 1168.00 | 0.22 |
| 1170.00 | 0.22 |
| 1172.00 | 0.21 |
| 1174.00 | 0.22 |
| 1176.00 | 0.21 |
| 1178.00 | 0.21 |
| 1180.00 | 0.21 |
| 1182.00 | 0.21 |
| 1184.00 | 0.21 |
| 1186.00 | 0.21 |
| 1188.00 | 0.21 |
| 1190.00 | 0.21 |
| 1192.00 | 0.21 |
| 1194.00 | 0.21 |
| 1196.00 | 0.21 |
| 1198.00 | 0.21 |
| 1200.00 | 0.21 |
| 1202.00 | 0.21 |
| 1204.00 | 0.20 |
| 1206.00 | 0.20 |
| 1208.00 | 0.20 |
| 1210.00 | 0.20 |
| 1212.00 | 0.20 |
| 1214.00 | 0.20 |
| 1216.00 | 0.20 |
| 1218.00 | 0.20 |
| 1220.00 | 0.19 |
| 1222.00 | 0.19 |
| 1224.00 | 0.19 |
| 1226.00 | 0.19 |
| 1228.00 | 0.19 |
| 1230.00 | 0.19 |
| 1232.00 | 0.19 |
| 1234.00 | 0.19 |
| 1236.00 | 0.19 |
| 1238.00 | 0.18 |
| 1240.00 | 0.18 |
| 1242.00 | 0.18 |
| 1244.00 | 0.19 |
| 1246.00 | 0.19 |
| 1248.00 | 0.18 |
| 1250.00 | 0.18 |
| 1252.00 | 0.18 |
| 1254.00 | 0.18 |
| 1256.00 | 0.18 |



CHM 003 0979

| Elapsed Time | Value |
|---|---|
| 1258.00 | 0.18 |
| 1260.00 | 0.18 |
| 1262.00 | 0.18 |
| 1264.00 | 0.18 |
| 1266.00 | 0.18 |
| 1268.00 | 0.17 |
| 1270.00 | 0.18 |
| 1272.00 | 0.18 |
| 1274.00 | 0.17 |
| 1276.00 | 0.17 |
| 1278.00 | 0.17 |
| 1280.00 | 0.17 |
| 1282.00 | 0.17 |
| 1284.00 | 0.17 |
| 1286.00 | 0.17 |
| 1288.00 | 0.18 |
| 1290.00 | 0.17 |
| 1292.00 | 0.17 |
| 1294.00 | 0.18 |
| 1296.00 | 0.17 |
| 1298.00 | 0.17 |
| 1300.00 | 0.17 |
| 1302.00 | 0.17 |
| 1304.00 | 0.17 |
| 1306.00 | 0.17 |
| 1308.00 | 0.17 |
| 1310.00 | 0.17 |
| 1312.00 | 0.17 |
| 1314.00 | 0.17 |
| 1316.00 | 0.17 |
| 1318.00 | 0.17 |
| 1320.00 | 0.17 |
| 1322.00 | 0.17 |
| 1324.00 | 0.17 |
| 1326.00 | 0.17 |
| 1328.00 | 0.17 |
| 1330.00 | 0.17 |
| 1332.00 | 0.17 |
| 1334.00 | 0.17 |
| 1336.00 | 0.17 |
| 1338.00 | 0.18 |



CHM 003 0980

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 4 PUMP ZONE: 78' - 103' IN DMW-11

WELL ID: DMW-1

SE1000B
Environmental Logger
12/01 08:35

Unit# 01010 Test# 0

INPUT 1: Level (F) TOC

Reference 0.00
Scale factor 20.05
Offset - 0.04

Step# 0 11/30 09:12

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | -0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.00 |
| 26.0000 | 0.00 |
| 28.0000 | 0.00 |
| 30.0000 | 0.00 |
| 32.0000 | 0.00 |
| 34.0000 | 0.01 |
| 36.0000 | 0.01 |
| 38.0000 | 0.01 |
| 40.0000 | 0.01 |
| 42.0000 | 0.01 |
| 44.0000 | 0.01 |
| 46.0000 | 0.02 |
| 48.0000 | 0.02 |
| 50.0000 | 0.02 |
| 52.0000 | 0.03 |
| 54.0000 | 0.03 |
| 56.0000 | 0.03 |
| 58.0000 | 0.04 |
| 60.0000 | 0.03 |
| 62.0000 | 0.04 |
| 64.0000 | 0.04 |
| 66.0000 | 0.05 |
| 68.0000 | 0.05 |



CHM 003 0981

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.05 |
| 72.0000 | 0.05 |
| 74.0000 | 0.05 |
| 76.0000 | 0.06 |
| 78.0000 | 0.06 |
| 80.0000 | 0.06 |
| 82.0000 | 0.06 |
| 84.0000 | 0.07 |
| 86.0000 | 0.07 |
| 88.0000 | 0.08 |
| 90.0000 | 0.08 |
| 92.0000 | 0.08 |
| 94.0000 | 0.08 |
| 96.0000 | 0.09 |
| 98.0000 | 0.08 |
| 100.000 | 0.09 |
| 102.000 | 0.09 |
| 104.000 | 0.10 |
| 106.000 | 0.10 |
| 108.000 | 0.10 |
| 110.000 | 0.10 |
| 112.000 | 0.10 |
| 114.000 | 0.10 |
| 116.000 | 0.11 |
| 118.000 | 0.11 |
| 120.000 | 0.12 |
| 122.000 | 0.12 |
| 124.000 | 0.12 |
| 126.000 | 0.12 |
| 128.000 | 0.12 |
| 130.000 | 0.12 |
| 132.000 | 0.12 |
| 134.000 | 0.13 |
| 136.000 | 0.13 |
| 138.000 | 0.13 |
| 140.000 | 0.13 |
| 142.000 | 0.13 |
| 144.000 | 0.13 |
| 146.000 | 0.14 |
| 148.000 | 0.15 |
| 150.000 | 0.15 |
| 152.000 | 0.15 |
| 154.000 | 0.14 |
| 156.000 | 0.15 |
| 158.000 | 0.15 |
| 160.000 | 0.15 |
| 162.000 | 0.15 |
| 164.000 | 0.15 |
| 166.000 | 0.15 |
| 168.000 | 0.15 |
| 170.000 | 0.16 |
| 172.000 | 0.15 |
| 174.000 | 0.17 |
| 176.000 | 0.15 |



CHM 003 0982

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.17 |
| 180.000 | 0.17 |
| 182.000 | 0.17 |
| 184.000 | 0.17 |
| 186.000 | 0.17 |
| 188.000 | 0.17 |
| 190.000 | 0.17 |
| 192.000 | 0.17 |
| 194.000 | 0.18 |
| 196.000 | 0.17 |
| 198.000 | 0.18 |
| 200.000 | 0.17 |
| 202.000 | 0.17 |
| 204.000 | 0.18 |
| 206.000 | 0.19 |
| 208.000 | 0.19 |
| 210.000 | 0.19 |
| 212.000 | 0.19 |
| 214.000 | 0.19 |
| 216.000 | 0.19 |
| 218.000 | 0.19 |
| 220.000 | 0.19 |
| 222.000 | 0.19 |
| 224.000 | 0.19 |
| 226.000 | 0.19 |
| 228.000 | 0.20 |
| 230.000 | 0.20 |
| 232.000 | 0.19 |
| 234.000 | 0.20 |
| 236.000 | 0.19 |
| 238.000 | 0.20 |
| 240.000 | 0.20 |
| 242.000 | 0.20 |
| 244.000 | 0.20 |
| 246.000 | 0.20 |
| 248.000 | 0.20 |
| 250.000 | 0.20 |
| 252.000 | 0.20 |
| 254.000 | 0.20 |
| 256.000 | 0.21 |
| 258.000 | 0.21 |
| 260.000 | 0.21 |
| 262.000 | 0.21 |
| 264.000 | 0.21 |
| 266.000 | 0.21 |
| 268.000 | 0.22 |
| 270.000 | 0.22 |
| 272.000 | 0.22 |
| 274.000 | 0.22 |
| 276.000 | 0.22 |
| 278.000 | 0.22 |
| 280.000 | 0.22 |
| 282.000 | 0.22 |
| 284.000 | 0.22 |



CHM 003 0983

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.22 |
| 288.000 | 0.22 |
| 290.000 | 0.22 |
| 292.000 | 0.22 |
| 294.000 | 0.23 |
| 296.000 | 0.23 |
| 298.000 | 0.23 |
| 300.000 | 0.23 |
| 302.000 | 0.23 |
| 304.000 | 0.24 |
| 306.000 | 0.23 |
| 308.000 | 0.23 |
| 310.000 | 0.24 |
| 312.000 | 0.24 |
| 314.000 | 0.24 |
| 316.000 | 0.24 |
| 318.000 | 0.24 |
| 320.000 | 0.24 |
| 322.000 | 0.24 |
| 324.000 | 0.23 |
| 326.000 | 0.23 |
| 328.000 | 0.23 |
| 330.000 | 0.22 |
| 332.000 | 0.22 |
| 334.000 | 0.22 |
| 336.000 | 0.22 |
| 338.000 | 0.22 |
| 340.000 | 0.22 |
| 342.000 | 0.22 |
| 344.000 | 0.22 |
| 346.000 | 0.21 |
| 348.000 | 0.21 |
| 350.000 | 0.21 |
| 352.000 | 0.21 |
| 354.000 | 0.21 |
| 356.000 | 0.20 |
| 358.000 | 0.20 |
| 360.000 | 0.20 |
| 362.000 | 0.20 |
| 364.000 | 0.20 |
| 366.000 | 0.20 |
| 368.000 | 0.20 |
| 370.000 | 0.20 |
| 372.000 | 0.20 |
| 374.000 | 0.20 |
| 376.000 | 0.20 |
| 378.000 | 0.20 |
| 380.000 | 0.20 |
| 382.000 | 0.19 |
| 384.000 | 0.19 |
| 386.000 | 0.19 |
| 388.000 | 0.19 |
| 390.000 | 0.19 |
| 392.000 | 0.19 |



CHM 003 0984

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.19 |
| 396.000 | 0.19 |
| 398.000 | 0.19 |
| 400.000 | 0.19 |
| 402.000 | 0.19 |
| 404.000 | 0.19 |
| 406.000 | 0.19 |
| 408.000 | 0.19 |
| 410.000 | 0.19 |
| 412.000 | 0.18 |
| 414.000 | 0.18 |
| 416.000 | 0.18 |
| 418.000 | 0.19 |
| 420.000 | 0.18 |
| 422.000 | 0.18 |
| 424.000 | 0.18 |
| 426.000 | 0.18 |
| 428.000 | 0.18 |
| 430.000 | 0.18 |
| 432.000 | 0.18 |
| 434.000 | 0.18 |
| 436.000 | 0.18 |
| 438.000 | 0.18 |
| 440.000 | 0.18 |
| 442.000 | 0.17 |
| 444.000 | 0.17 |
| 446.000 | 0.17 |
| 448.000 | 0.17 |
| 450.000 | 0.17 |
| 452.000 | 0.17 |
| 454.000 | 0.17 |
| 456.000 | 0.17 |
| 458.000 | 0.17 |
| 460.000 | 0.17 |
| 462.000 | 0.17 |
| 464.000 | 0.17 |
| 466.000 | 0.17 |
| 468.000 | 0.17 |
| 470.000 | 0.17 |
| 472.000 | 0.17 |
| 474.000 | 0.17 |
| 476.000 | 0.17 |
| 478.000 | 0.17 |
| 480.000 | 0.17 |
| 482.000 | 0.17 |
| 484.000 | 0.17 |
| 486.000 | 0.17 |
| 488.000 | 0.17 |
| 490.000 | 0.17 |
| 492.000 | 0.17 |
| 494.000 | 0.17 |
| 496.000 | 0.17 |
| 498.000 | 0.17 |
| 500.000 | 0.17 |



CHM 003 0985

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.17 |
| 504.000 | 0.17 |
| 506.000 | 0.17 |
| 508.000 | 0.17 |
| 510.000 | 0.17 |
| 512.000 | 0.17 |
| 514.000 | 0.17 |
| 516.000 | 0.17 |
| 518.000 | 0.17 |
| 520.000 | 0.17 |
| 522.000 | 0.17 |
| 524.000 | 0.17 |
| 526.000 | 0.17 |
| 528.000 | 0.17 |
| 530.000 | 0.17 |
| 532.000 | 0.17 |
| 534.000 | 0.17 |
| 536.000 | 0.17 |
| 538.000 | 0.17 |
| 540.000 | 0.17 |
| 542.000 | 0.17 |
| 544.000 | 0.17 |
| 546.000 | 0.17 |
| 548.000 | 0.17 |
| 550.000 | 0.17 |
| 552.000 | 0.17 |
| 554.000 | 0.17 |
| 556.000 | 0.18 |
| 558.000 | 0.17 |
| 560.000 | 0.18 |
| 562.000 | 0.17 |
| 564.000 | 0.17 |
| 566.000 | 0.18 |
| 568.000 | 0.17 |
| 570.000 | 0.18 |
| 572.000 | 0.18 |
| 574.000 | 0.18 |
| 576.000 | 0.18 |
| 578.000 | 0.18 |
| 580.000 | 0.18 |
| 582.000 | 0.18 |
| 584.000 | 0.18 |
| 586.000 | 0.18 |
| 588.000 | 0.18 |
| 590.000 | 0.18 |
| 592.000 | 0.18 |
| 594.000 | 0.18 |
| 596.000 | 0.18 |
| 598.000 | 0.19 |
| 600.000 | 0.19 |
| 602.000 | 0.19 |
| 604.000 | 0.18 |
| 606.000 | 0.18 |
| 608.000 | 0.19 |



CHM 003 0986

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.19 |
| 612.000 | 0.19 |
| 614.000 | 0.19 |
| 616.000 | 0.19 |
| 618.000 | 0.19 |
| 620.000 | 0.19 |
| 622.000 | 0.19 |
| 624.000 | 0.19 |
| 626.000 | 0.19 |
| 628.000 | 0.19 |
| 630.000 | 0.19 |
| 632.000 | 0.19 |
| 634.000 | 0.19 |
| 636.000 | 0.19 |
| 638.000 | 0.19 |
| 640.000 | 0.19 |
| 642.000 | 0.19 |
| 644.000 | 0.19 |
| 646.000 | 0.19 |
| 648.000 | 0.20 |
| 650.000 | 0.19 |
| 652.000 | 0.19 |
| 654.000 | 0.19 |
| 656.000 | 0.19 |
| 658.000 | 0.20 |
| 660.000 | 0.20 |
| 662.000 | 0.20 |
| 664.000 | 0.20 |
| 666.000 | 0.20 |
| 668.000 | 0.20 |
| 670.000 | 0.20 |
| 672.000 | 0.20 |
| 674.000 | 0.20 |
| 676.000 | 0.20 |
| 678.000 | 0.20 |
| 680.000 | 0.20 |
| 682.000 | 0.20 |
| 684.000 | 0.20 |
| 686.000 | 0.20 |
| 688.000 | 0.20 |
| 690.000 | 0.20 |
| 692.000 | 0.20 |
| 694.000 | 0.20 |
| 696.000 | 0.20 |
| 698.000 | 0.20 |
| 700.000 | 0.20 |
| 702.000 | 0.20 |
| 704.000 | 0.20 |
| 706.000 | 0.20 |
| 708.000 | 0.21 |
| 710.000 | 0.21 |
| 712.000 | 0.21 |
| 714.000 | 0.21 |
| 716.000 | 0.21 |



CHM 003 0987

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.21 |
| 720.000 | 0.21 |
| 722.000 | 0.21 |
| 724.000 | 0.21 |
| 726.000 | 0.21 |
| 728.000 | 0.21 |
| 730.000 | 0.21 |
| 732.000 | 0.21 |
| 734.000 | 0.21 |
| 736.000 | 0.21 |
| 738.000 | 0.21 |
| 740.000 | 0.21 |
| 742.000 | 0.22 |
| 744.000 | 0.21 |
| 746.000 | 0.21 |
| 748.000 | 0.21 |
| 750.000 | 0.21 |
| 752.000 | 0.21 |
| 754.000 | 0.21 |
| 756.000 | 0.22 |
| 758.000 | 0.21 |
| 760.000 | 0.22 |
| 762.000 | 0.21 |
| 764.000 | 0.22 |
| 766.000 | 0.22 |
| 768.000 | 0.22 |
| 770.000 | 0.22 |
| 772.000 | 0.22 |
| 774.000 | 0.22 |
| 776.000 | 0.22 |
| 778.000 | 0.22 |
| 780.000 | 0.22 |
| 782.000 | 0.22 |
| 784.000 | 0.22 |
| 786.000 | 0.22 |
| 788.000 | 0.22 |
| 790.000 | 0.22 |
| 792.000 | 0.22 |
| 794.000 | 0.22 |
| 796.000 | 0.22 |
| 798.000 | 0.22 |
| 800.000 | 0.22 |
| 802.000 | 0.22 |
| 804.000 | 0.22 |
| 806.000 | 0.22 |
| 808.000 | 0.22 |
| 810.000 | 0.22 |
| 812.000 | 0.22 |
| 814.000 | 0.22 |
| 816.000 | 0.22 |
| 818.000 | 0.22 |
| 820.000 | 0.22 |
| 822.000 | 0.22 |
| 824.000 | 0.22 |



CHM 003 0988

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.22 |
| 828.000 | 0.22 |
| 830.000 | 0.22 |
| 832.000 | 0.22 |
| 834.000 | 0.22 |
| 836.000 | 0.22 |
| 838.000 | 0.22 |
| 840.000 | 0.22 |
| 842.000 | 0.22 |
| 844.000 | 0.22 |
| 846.000 | 0.22 |
| 848.000 | 0.22 |
| 850.000 | 0.22 |
| 852.000 | 0.22 |
| 854.000 | 0.22 |
| 856.000 | 0.22 |
| 858.000 | 0.22 |
| 860.000 | 0.22 |
| 862.000 | 0.22 |
| 864.000 | 0.22 |
| 866.000 | 0.22 |
| 868.000 | 0.22 |
| 870.000 | 0.22 |
| 872.000 | 0.22 |
| 874.000 | 0.22 |
| 876.000 | 0.22 |
| 878.000 | 0.22 |
| 880.000 | 0.22 |
| 882.000 | 0.22 |
| 884.000 | 0.22 |
| 886.000 | 0.22 |
| 888.000 | 0.22 |
| 890.000 | 0.22 |
| 892.000 | 0.22 |
| 894.000 | 0.22 |
| 896.000 | 0.22 |
| 898.000 | 0.22 |
| 900.000 | 0.22 |
| 902.000 | 0.22 |
| 904.000 | 0.22 |
| 906.000 | 0.22 |
| 908.000 | 0.22 |
| 910.000 | 0.22 |
| 912.000 | 0.22 |
| 914.000 | 0.22 |
| 916.000 | 0.22 |
| 918.000 | 0.21 |
| 920.000 | 0.22 |
| 922.000 | 0.22 |
| 924.000 | 0.22 |
| 926.000 | 0.21 |
| 928.000 | 0.21 |
| 930.000 | 0.21 |
| 932.000 | 0.21 |



CHM 003 0989

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.21 |
| 936.000 | 0.21 |
| 938.000 | 0.21 |
| 940.000 | 0.21 |
| 942.000 | 0.21 |
| 944.000 | 0.21 |
| 946.000 | 0.21 |
| 948.000 | 0.21 |
| 950.000 | 0.21 |
| 952.000 | 0.21 |
| 954.000 | 0.21 |
| 956.000 | 0.21 |
| 958.000 | 0.21 |
| 960.000 | 0.21 |
| 962.000 | 0.21 |
| 964.000 | 0.20 |
| 966.000 | 0.20 |
| 968.000 | 0.20 |
| 970.000 | 0.20 |
| 972.000 | 0.20 |
| 974.000 | 0.20 |
| 976.000 | 0.20 |
| 978.000 | 0.20 |
| 980.000 | 0.20 |
| 982.000 | 0.20 |
| 984.000 | 0.20 |
| 986.000 | 0.20 |
| 988.000 | 0.20 |
| 990.000 | 0.20 |
| 992.000 | 0.20 |
| 994.000 | 0.20 |
| 996.000 | 0.20 |
| 998.000 | 0.20 |
| 1000.00 | 0.20 |
| 1002.00 | 0.20 |
| 1004.00 | 0.20 |
| 1006.00 | 0.19 |
| 1008.00 | 0.20 |
| 1010.00 | 0.19 |
| 1012.00 | 0.19 |
| 1014.00 | 0.19 |
| 1016.00 | 0.19 |
| 1018.00 | 0.19 |
| 1020.00 | 0.19 |
| 1022.00 | 0.19 |
| 1024.00 | 0.19 |
| 1026.00 | 0.19 |
| 1028.00 | 0.19 |
| 1030.00 | 0.19 |
| 1032.00 | 0.19 |
| 1034.00 | 0.19 |
| 1036.00 | 0.19 |
| 1038.00 | 0.19 |
| 1040.00 | 0.19 |



CHM 003 0990

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.19 |
| 1044.00 | 0.18 |
| 1046.00 | 0.18 |
| 1048.00 | 0.18 |
| 1050.00 | 0.18 |
| 1052.00 | 0.18 |
| 1054.00 | 0.18 |
| 1056.00 | 0.18 |
| 1058.00 | 0.17 |
| 1060.00 | 0.17 |
| 1062.00 | 0.17 |
| 1064.00 | 0.17 |
| 1066.00 | 0.17 |
| 1068.00 | 0.17 |
| 1070.00 | 0.17 |
| 1072.00 | 0.17 |
| 1074.00 | 0.17 |
| 1076.00 | 0.17 |
| 1078.00 | 0.17 |
| 1080.00 | 0.17 |
| 1082.00 | 0.16 |
| 1084.00 | 0.16 |
| 1086.00 | 0.16 |
| 1088.00 | 0.16 |
| 1090.00 | 0.16 |
| 1092.00 | 0.16 |
| 1094.00 | 0.16 |
| 1096.00 | 0.15 |
| 1098.00 | 0.15 |
| 1100.00 | 0.15 |
| 1102.00 | 0.15 |
| 1104.00 | 0.15 |
| 1106.00 | 0.15 |
| 1108.00 | 0.15 |
| 1110.00 | 0.15 |
| 1112.00 | 0.15 |
| 1114.00 | 0.15 |
| 1116.00 | 0.15 |
| 1118.00 | 0.15 |
| 1120.00 | 0.15 |
| 1122.00 | 0.15 |
| 1124.00 | 0.15 |
| 1126.00 | 0.14 |
| 1128.00 | 0.14 |
| 1130.00 | 0.14 |
| 1132.00 | 0.14 |
| 1134.00 | 0.14 |
| 1136.00 | 0.14 |
| 1138.00 | 0.14 |
| 1140.00 | 0.14 |
| 1142.00 | 0.13 |
| 1144.00 | 0.13 |
| 1146.00 | 0.13 |
| 1148.00 | 0.13 |



CHM 003 0991

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.13 |
| 1152.00 | 0.13 |
| 1154.00 | 0.13 |
| 1156.00 | 0.13 |
| 1158.00 | 0.13 |
| 1160.00 | 0.13 |
| 1162.00 | 0.13 |
| 1164.00 | 0.13 |
| 1166.00 | 0.13 |
| 1168.00 | 0.13 |
| 1170.00 | 0.12 |
| 1172.00 | 0.12 |
| 1174.00 | 0.12 |
| 1176.00 | 0.12 |
| 1178.00 | 0.12 |
| 1180.00 | 0.12 |
| 1182.00 | 0.12 |
| 1184.00 | 0.12 |
| 1186.00 | 0.12 |
| 1188.00 | 0.12 |
| 1190.00 | 0.12 |
| 1192.00 | 0.12 |
| 1194.00 | 0.12 |
| 1196.00 | 0.12 |
| 1198.00 | 0.12 |
| 1200.00 | 0.12 |
| 1202.00 | 0.11 |
| 1204.00 | 0.11 |
| 1206.00 | 0.12 |
| 1208.00 | 0.11 |
| 1210.00 | 0.11 |
| 1212.00 | 0.11 |
| 1214.00 | 0.11 |
| 1216.00 | 0.10 |
| 1218.00 | 0.10 |
| 1220.00 | 0.10 |
| 1222.00 | 0.10 |
| 1224.00 | 0.10 |
| 1226.00 | 0.10 |
| 1228.00 | 0.10 |
| 1230.00 | 0.10 |
| 1232.00 | 0.10 |
| 1234.00 | 0.10 |
| 1236.00 | 0.10 |
| 1238.00 | 0.10 |
| 1240.00 | 0.10 |
| 1242.00 | 0.10 |
| 1244.00 | 0.10 |
| 1246.00 | 0.10 |
| 1248.00 | 0.10 |
| 1250.00 | 0.10 |
| 1252.00 | 0.10 |
| 1254.00 | 0.09 |
| 1256.00 | 0.10 |



CHM 003 0992

| Elapsed Time | Value |
|---|---|
| 1258.00 | 0.09 |
| 1260.00 | 0.09 |
| 1262.00 | 0.09 |
| 1264.00 | 0.09 |
| 1266.00 | 0.09 |
| 1268.00 | 0.09 |
| 1270.00 | 0.09 |
| 1272.00 | 0.09 |
| 1274.00 | 0.09 |
| 1276.00 | 0.09 |
| 1278.00 | 0.09 |
| 1280.00 | 0.09 |
| 1282.00 | 0.09 |
| 1284.00 | 0.09 |
| 1286.00 | 0.09 |
| 1288.00 | 0.09 |
| 1290.00 | 0.08 |
| 1292.00 | 0.08 |
| 1294.00 | 0.08 |
| 1296.00 | 0.08 |
| 1298.00 | 0.09 |
| 1300.00 | 0.08 |
| 1302.00 | 0.08 |
| 1304.00 | 0.09 |
| 1306.00 | 0.08 |
| 1308.00 | 0.09 |
| 1310.00 | 0.08 |
| 1312.00 | 0.09 |
| 1314.00 | 0.08 |



CHM 003 0993

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 4 PUMP ZONE: 78' - 103' IN DMW-11

WELL ID:

SE2000
Environmental Logger
12/01 05:57

Unit# 151 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC |
| I.D. | DMW11ST4 | DMW11MT4 | DMW11DT4 | C2 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.096 | 2.309 | 0.059 | 0.068 |
| Scale factor | 20.030 | 250.105 | 99.908 | 100.007 |
| Offset | -0.001 | 0.645 | -0.084 | -0.138 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/30 06:52:22

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 0.0000 | 0.000 | -0.079 | -0.031 | -0.031 |
| 1.0000 | 0.000 | -0.079 | 0.000 | 0.000 |
| 2.0000 | 0.000 | -0.079 | 0.000 | -0.031 |
| 3.0000 | 0.006 | 0.000 | 0.000 | -0.031 |
| 4.0000 | 0.000 | -0.079 | 0.000 | -0.031 |
| 5.0000 | 0.000 | -0.079 | 0.000 | -0.031 |
| 6.0000 | 0.006 | 0.000 | 0.000 | -0.031 |
| 7.0000 | 0.006 | 0.000 | 0.000 | -0.031 |
| 8.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 9.0000 | 0.006 | -0.237 | 0.000 | -0.031 |
| 10.0000 | 0.000 | -0.079 | 0.000 | -0.031 |
| 11.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 12.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 13.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 14.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 15.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 16.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 17.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 18.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 19.0000 | 0.006 | -0.079 | 0.000 | -0.031 |
| 20.0000 | 0.019 | 0.000 | 0.000 | -0.031 |
| 21.0000 | 0.019 | 0.000 | 0.000 | -0.063 |
| 22.0000 | 0.012 | -0.158 | 0.000 | -0.063 |
| 23.0000 | 0.012 | -0.158 | 0.000 | -0.063 |
| 24.0000 | 0.019 | -0.079 | 0.000 | -0.031 |
| 25.0000 | 0.012 | -0.079 | 0.000 | -0.063 |
| 26.0000 | 0.019 | -0.079 | 0.000 | -0.063 |
| 27.0000 | -0.107 | -0.237 | -0.252 | -0.031 |



CHM 003 0994

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 28.0000 | -0.640 | -0.316 | 0.000 | -0.284 |
| 29.0000 | -0.615 | -0.316 | 0.283 | -0.221 |
| 30.0000 | -0.590 | -0.316 | 0.315 | -0.189 |
| 31.0000 | -0.564 | -0.316 | 0.315 | -0.221 |
| 32.0000 | -0.545 | -0.316 | 0.315 | -0.189 |
| 33.0000 | -0.532 | -0.316 | 0.347 | -0.189 |
| 34.0000 | -0.520 | -0.316 | 0.347 | -0.221 |
| 35.0000 | -0.507 | -0.316 | 0.347 | -0.221 |
| 36.0000 | -0.494 | -0.316 | 0.347 | -0.221 |
| 37.0000 | -0.482 | -0.316 | 0.347 | -0.221 |
| 38.0000 | -0.475 | -0.316 | 0.347 | -0.221 |
| 39.0000 | -0.469 | -0.316 | 0.347 | -0.221 |
| 40.0000 | -0.463 | -0.316 | 0.347 | -0.221 |
| 41.0000 | -0.463 | -0.316 | 0.347 | -0.221 |
| 42.0000 | -0.456 | -0.316 | 0.347 | -0.221 |
| 43.0000 | -0.456 | -0.316 | 0.347 | -0.221 |
| 44.0000 | -0.450 | -0.316 | 0.347 | -0.221 |
| 45.0000 | -0.444 | -0.316 | 0.378 | -0.221 |
| 46.0000 | -0.444 | -0.316 | 0.347 | -0.221 |
| 47.0000 | -0.444 | -0.316 | 0.378 | -0.252 |
| 48.0000 | -0.444 | -0.316 | 0.378 | -0.221 |
| 49.0000 | -0.437 | -0.316 | 0.347 | -0.221 |
| 50.0000 | -0.437 | -0.395 | 0.378 | -0.221 |
| 51.0000 | -0.437 | -0.316 | 0.378 | -0.221 |
| 52.0000 | -0.437 | -0.316 | 0.378 | -0.221 |
| 53.0000 | -0.437 | -0.316 | 0.378 | -0.252 |
| 54.0000 | -0.437 | -0.316 | 0.378 | -0.221 |
| 55.0000 | -0.437 | -0.316 | 0.378 | -0.221 |
| 56.0000 | -0.437 | -0.316 | 0.378 | -0.252 |
| 57.0000 | -0.437 | -0.316 | 0.378 | -0.252 |
| 58.0000 | -0.437 | -0.316 | 0.378 | -0.221 |
| 59.0000 | -0.437 | -0.316 | 0.378 | -0.221 |
| 60.0000 | -0.437 | -0.316 | 0.378 | -0.252 |
| 61.0000 | -0.437 | -0.474 | 0.347 | -0.252 |
| 62.0000 | -0.551 | 0.316 | 0.378 | 0.126 |
| 63.0000 | -0.697 | -0.158 | 0.378 | 0.031 |
| 64.0000 | -0.723 | -0.158 | 0.378 | -0.031 |
| 65.0000 | -0.716 | -0.316 | 0.347 | -0.126 |
| 66.0000 | -0.710 | -0.316 | 0.378 | -0.157 |
| 67.0000 | -0.704 | -0.316 | 0.347 | -0.221 |
| 68.0000 | -0.697 | 1.739 | 0.441 | 1.326 |
| 69.0000 | -0.697 | 1.344 | 0.378 | 0.979 |
| 70.0000 | -0.691 | 1.106 | 0.378 | 0.789 |
| 71.0000 | -0.691 | 1.027 | 0.378 | 0.694 |
| 72.0000 | -0.691 | 0.948 | 0.347 | 0.663 |
| 73.0000 | -0.685 | 1.027 | 0.378 | 0.663 |
| 74.0000 | -0.685 | 1.027 | 0.378 | 0.663 |
| 75.0000 | -0.691 | 0.948 | 0.378 | 0.663 |
| 76.0000 | -0.697 | 2.846 | 0.410 | 1.042 |
| 77.0000 | -0.482 | 2.925 | 0.410 | 1.421 |
| 78.0000 | -0.444 | 3.004 | 0.410 | 1.610 |
| 79.0000 | -0.406 | 3.162 | 0.441 | 1.705 |
| 80.0000 | -0.361 | 3.241 | 0.441 | 1.800 |
| 81.0000 | -0.317 | 3.637 | 0.441 | 1.926 |



CHM 003 0995

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 82.0000 | -0.279 | 3.795 | 0.473 | 2.052 |
| 83.0000 | -0.234 | 3.795 | 0.473 | 2.147 |
| 84.0000 | -0.183 | 3.874 | 0.473 | 2.179 |
| 85.0000 | -0.139 | 3.953 | 0.473 | 2.242 |
| 86.0000 | -0.088 | 3.953 | 0.473 | 2.273 |
| 87.0000 | -0.044 | 4.032 | 0.473 | 2.337 |
| 88.0000 | 0.000 | 3.953 | 0.473 | 2.337 |
| 89.0000 | 0.038 | 3.953 | 0.473 | 2.368 |
| 90.0000 | 0.082 | 4.032 | 0.504 | 2.400 |
| 91.0000 | 0.120 | 4.032 | 0.473 | 2.431 |
| 92.0000 | 0.158 | 4.111 | 0.504 | 2.431 |
| 93.0000 | 0.196 | 5.534 | 0.504 | 2.558 |
| 94.0000 | 0.247 | 6.087 | 0.473 | 3.000 |
| 95.0000 | 0.298 | 6.245 | 0.504 | 3.284 |
| 96.0000 | 0.361 | 6.404 | 0.536 | 3.474 |
| 97.0000 | 0.418 | 6.483 | 0.504 | 3.568 |
| 98.0000 | 0.482 | 6.562 | 0.536 | 3.663 |
| 99.0000 | 0.526 | 6.641 | 0.504 | 3.726 |
| 100.000 | 0.583 | 6.720 | 0.536 | 3.789 |
| 101.000 | 0.653 | 6.799 | 0.567 | 3.853 |
| 102.000 | 0.716 | 6.799 | 0.567 | 3.884 |
| 103.000 | 0.786 | 6.878 | 0.567 | 3.916 |
| 104.000 | 0.849 | 6.799 | 0.567 | 3.947 |
| 105.000 | 0.907 | 6.878 | 0.567 | 3.979 |
| 106.000 | 0.976 | 6.957 | 0.599 | 4.011 |
| 107.000 | 1.033 | 6.957 | 0.567 | 4.042 |
| 108.000 | 1.097 | 7.036 | 0.567 | 4.074 |
| 109.000 | 1.148 | 7.036 | 0.567 | 4.105 |
| 110.000 | 1.198 | 7.036 | 0.599 | 4.137 |
| 111.000 | 1.249 | 7.036 | 0.567 | 4.137 |
| 112.000 | 1.293 | 7.036 | 0.599 | 4.168 |
| 113.000 | 1.338 | 7.115 | 0.599 | 4.200 |
| 114.000 | 1.389 | 7.115 | 0.599 | 4.200 |
| 115.000 | 1.433 | 7.194 | 0.599 | 4.232 |
| 116.000 | 1.477 | 7.194 | 0.599 | 4.263 |
| 117.000 | 1.515 | 7.194 | 0.599 | 4.263 |
| 118.000 | 1.553 | 7.273 | 0.630 | 4.295 |
| 119.000 | 1.592 | 7.273 | 0.630 | 4.295 |
| 120.000 | 1.623 | 7.273 | 0.725 | 4.326 |
| 121.000 | 1.655 | 7.273 | 0.725 | 4.326 |
| 122.000 | 1.693 | 7.273 | 0.788 | 4.358 |
| 123.000 | 1.725 | 8.380 | 0.851 | 4.453 |
| 124.000 | 1.763 | 9.645 | 0.851 | 4.832 |
| 125.000 | 1.813 | 10.040 | 0.914 | 5.242 |
| 126.000 | 1.871 | 10.040 | 0.914 | 5.463 |
| 127.000 | 1.934 | 10.356 | 0.914 | 5.653 |
| 128.000 | 1.997 | 10.356 | 0.914 | 5.748 |
| 129.000 | 2.067 | 10.435 | 1.072 | 5.842 |
| 130.000 | 2.124 | 10.514 | 1.135 | 5.906 |
| 131.000 | 2.194 | 10.593 | 1.167 | 5.969 |
| 132.000 | 2.257 | 10.672 | 1.230 | 6.000 |
| 133.000 | 2.321 | 10.672 | 1.230 | 6.063 |
| 134.000 | 2.371 | 10.672 | 1.198 | 6.095 |
| 135.000 | 2.435 | 10.751 | 1.230 | 6.127 |



CHM 003 0996

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 136.000 | 2.498 | 10.672 | 1.230 | 6.190 |
| 137.000 | 2.549 | 10.830 | 1.261 | 6.221 |
| 138.000 | 2.600 | 10.830 | 1.198 | 6.253 |
| 139.000 | 2.657 | 10.909 | 1.230 | 6.284 |
| 140.000 | 2.708 | 10.751 | 1.230 | 6.316 |
| 141.000 | 2.758 | 10.988 | 1.261 | 6.316 |
| 142.000 | 2.803 | 10.988 | 1.261 | 6.348 |
| 143.000 | 2.841 | 10.909 | 1.230 | 6.348 |
| 144.000 | 2.885 | 11.067 | 1.261 | 6.411 |
| 145.000 | 2.929 | 11.067 | 1.261 | 6.411 |
| 146.000 | 2.974 | 11.067 | 1.261 | 6.442 |
| 147.000 | 3.006 | 11.067 | 1.261 | 6.442 |
| 148.000 | 3.044 | 10.909 | 1.230 | 6.474 |
| 149.000 | 3.082 | 11.067 | 1.230 | 6.506 |
| 150.000 | 3.120 | 11.067 | 1.261 | 6.506 |
| 151.000 | 3.151 | 11.067 | 1.261 | 6.537 |
| 152.000 | 3.189 | 11.225 | 1.293 | 6.537 |
| 153.000 | 3.221 | 11.225 | 1.261 | 6.569 |
| 154.000 | 3.259 | 11.225 | 1.293 | 6.569 |
| 155.000 | 3.284 | 11.225 | 1.293 | 6.600 |
| 156.000 | 3.316 | 11.225 | 1.293 | 6.632 |
| 157.000 | 3.342 | 11.225 | 1.261 | 6.600 |
| 158.000 | 3.367 | 10.988 | 1.261 | 6.632 |
| 159.000 | 3.399 | 11.304 | 1.293 | 6.663 |
| 160.000 | 3.424 | 11.304 | 1.293 | 6.695 |
| 161.000 | 3.456 | 11.384 | 1.293 | 6.695 |
| 162.000 | 3.475 | 11.384 | 1.293 | 6.695 |
| 163.000 | 3.500 | 11.384 | 1.293 | 6.727 |
| 164.000 | 3.532 | 11.384 | 1.293 | 6.727 |
| 165.000 | 3.551 | 11.384 | 1.293 | 6.758 |
| 166.000 | 3.576 | 11.384 | 1.293 | 6.758 |
| 167.000 | 3.601 | 11.384 | 1.293 | 6.758 |
| 168.000 | 3.627 | 11.384 | 1.293 | 6.790 |
| 169.000 | 3.646 | 11.463 | 1.293 | 6.790 |
| 170.000 | 3.671 | 11.463 | 1.293 | 6.821 |
| 171.000 | 3.690 | 11.463 | 1.293 | 6.821 |
| 172.000 | 3.709 | 11.463 | 1.293 | 6.821 |
| 173.000 | 3.728 | 11.463 | 1.325 | 6.853 |
| 174.000 | 3.747 | 11.463 | 1.293 | 6.853 |
| 175.000 | 3.766 | 11.463 | 1.293 | 6.853 |
| 176.000 | 3.785 | 11.463 | 1.293 | 6.885 |
| 177.000 | 3.804 | 11.542 | 1.293 | 6.885 |
| 178.000 | 3.823 | 11.542 | 1.325 | 6.885 |
| 179.000 | 3.842 | 11.463 | 1.293 | 6.885 |
| 180.000 | 3.861 | 11.621 | 1.293 | 6.916 |
| 181.000 | 3.874 | 11.621 | 1.325 | 6.916 |
| 182.000 | 3.893 | 11.621 | 1.293 | 6.948 |
| 183.000 | 3.906 | 11.621 | 1.325 | 6.948 |
| 184.000 | 3.925 | 11.463 | 1.325 | 6.948 |
| 185.000 | 3.937 | 11.621 | 1.325 | 6.948 |
| 186.000 | 3.956 | 11.621 | 1.293 | 6.948 |
| 187.000 | 3.969 | 11.621 | 1.325 | 6.979 |
| 188.000 | 3.988 | 11.621 | 1.325 | 6.979 |
| 189.000 | 4.001 | 11.542 | 1.293 | 6.979 |



CHM 003 0997

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 190.000 | 4.013 | 11.542 | 1.293 | 6.979 |
| 191.000 | 4.032 | 11.621 | 1.325 | 7.011 |
| 192.000 | 4.045 | 11.700 | 1.356 | 7.011 |
| 193.000 | 4.058 | 11.700 | 1.356 | 7.042 |
| 194.000 | 4.077 | 11.700 | 1.325 | 7.042 |
| 195.000 | 4.090 | 11.700 | 1.325 | 7.042 |
| 196.000 | 4.096 | 11.779 | 1.325 | 7.042 |
| 197.000 | 4.109 | 11.700 | 1.325 | 7.042 |
| 198.000 | 4.128 | 11.779 | 1.325 | 7.074 |
| 199.000 | 4.134 | 11.779 | 1.356 | 7.074 |
| 200.000 | 4.147 | 11.779 | 1.356 | 7.074 |
| 201.000 | 4.159 | 11.779 | 1.356 | 7.106 |
| 202.000 | 4.172 | 11.779 | 1.356 | 7.106 |
| 203.000 | 4.185 | 11.779 | 1.325 | 7.106 |
| 204.000 | 4.197 | 11.779 | 1.356 | 7.106 |
| 205.000 | 4.210 | 11.858 | 1.356 | 7.137 |
| 206.000 | 4.223 | 11.858 | 1.356 | 7.137 |
| 207.000 | 4.235 | 11.858 | 1.388 | 7.137 |
| 208.000 | 4.248 | 11.858 | 1.356 | 7.137 |
| 209.000 | 4.254 | 11.858 | 1.356 | 7.169 |
| 210.000 | 4.267 | 11.858 | 1.356 | 7.169 |
| 211.000 | 4.280 | 11.858 | 1.356 | 7.169 |
| 212.000 | 4.292 | 11.937 | 1.356 | 7.169 |
| 213.000 | 4.305 | 11.937 | 1.356 | 7.200 |
| 214.000 | 4.311 | 11.937 | 1.388 | 7.200 |
| 215.000 | 4.324 | 11.937 | 1.356 | 7.200 |
| 216.000 | 4.330 | 11.858 | 1.356 | 7.200 |
| 217.000 | 4.343 | 11.937 | 1.356 | 7.200 |
| 218.000 | 4.349 | 11.937 | 1.356 | 7.200 |
| 219.000 | 4.362 | 11.937 | 1.388 | 7.232 |
| 220.000 | 4.368 | 11.937 | 1.356 | 7.232 |
| 221.000 | 4.381 | 11.937 | 1.388 | 7.232 |
| 222.000 | 4.387 | 11.937 | 1.325 | 7.232 |
| 223.000 | 4.400 | 11.858 | 1.356 | 7.264 |
| 224.000 | 4.406 | 11.937 | 1.356 | 7.264 |
| 225.000 | 4.413 | 11.937 | 1.356 | 7.264 |
| 226.000 | 4.425 | 11.937 | 1.388 | 7.264 |
| 227.000 | 4.432 | 11.779 | 1.356 | 7.264 |
| 228.000 | 4.444 | 11.937 | 1.388 | 7.264 |
| 229.000 | 4.451 | 12.016 | 1.419 | 7.295 |
| 230.000 | 4.457 | 12.016 | 1.388 | 7.295 |
| 231.000 | 4.463 | 11.937 | 1.356 | 7.295 |
| 232.000 | 4.470 | 12.016 | 1.388 | 7.295 |
| 233.000 | 4.482 | 12.016 | 1.388 | 7.295 |
| 234.000 | 4.489 | 12.016 | 1.388 | 7.295 |
| 235.000 | 4.489 | 11.937 | 1.356 | 7.295 |
| 236.000 | 4.501 | 11.937 | 1.356 | 7.327 |
| 237.000 | 4.508 | 12.016 | 1.388 | 7.327 |
| 238.000 | 4.514 | 12.095 | 1.388 | 7.358 |
| 239.000 | 4.527 | 12.016 | 1.388 | 7.358 |
| 240.000 | 4.533 | 12.095 | 1.388 | 7.327 |
| 241.000 | 4.540 | 11.937 | 1.356 | 7.358 |
| 242.000 | 4.546 | 12.095 | 1.388 | 7.358 |
| 243.000 | 4.546 | 12.095 | 1.388 | 7.358 |



CHM 003 0998

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 244.000 | 4.565 | 12.095 | 1.388 | 7.358 |
| 245.000 | 4.565 | 12.095 | 1.388 | 7.358 |
| 246.000 | 4.571 | 12.095 | 1.388 | 7.390 |
| 247.000 | 4.578 | 12.095 | 1.388 | 7.390 |
| 248.000 | 4.590 | 12.095 | 1.388 | 7.390 |
| 249.000 | 4.590 | 12.095 | 1.388 | 7.390 |
| 250.000 | 4.597 | 12.095 | 1.388 | 7.390 |
| 251.000 | 4.609 | 12.095 | 1.388 | 7.390 |
| 252.000 | 4.616 | 12.095 | 1.388 | 7.390 |
| 253.000 | 4.622 | 12.095 | 1.419 | 7.421 |
| 254.000 | 4.628 | 12.095 | 1.388 | 7.421 |
| 255.000 | 4.635 | 12.095 | 1.388 | 7.421 |
| 256.000 | 4.641 | 12.095 | 1.388 | 7.421 |
| 257.000 | 4.647 | 12.174 | 1.388 | 7.421 |
| 258.000 | 4.654 | 12.174 | 1.388 | 7.453 |
| 259.000 | 4.660 | 12.095 | 1.388 | 7.421 |
| 260.000 | 4.679 | 12.095 | 1.419 | 7.421 |
| 261.000 | 4.673 | 12.095 | 1.388 | 7.453 |
| 262.000 | 4.679 | 12.095 | 1.388 | 7.453 |
| 263.000 | 4.685 | 12.174 | 1.388 | 7.453 |
| 264.000 | 4.692 | 12.174 | 1.388 | 7.453 |
| 265.000 | 4.698 | 12.095 | 1.419 | 7.453 |
| 266.000 | 4.711 | 12.174 | 1.419 | 7.453 |
| 267.000 | 4.717 | 12.174 | 1.419 | 7.485 |
| 268.000 | 4.717 | 12.174 | 1.388 | 7.485 |
| 269.000 | 4.723 | 12.253 | 1.419 | 7.485 |
| 270.000 | 4.730 | 12.253 | 1.419 | 7.485 |
| 271.000 | 4.736 | 12.253 | 1.419 | 7.485 |
| 272.000 | 4.742 | 12.174 | 1.419 | 7.485 |
| 273.000 | 4.749 | 12.253 | 1.419 | 7.516 |
| 274.000 | 4.755 | 12.174 | 1.419 | 7.516 |
| 275.000 | 4.755 | 12.174 | 1.388 | 7.516 |
| 276.000 | 4.761 | 12.253 | 1.419 | 7.516 |
| 277.000 | 4.768 | 12.253 | 1.419 | 7.516 |
| 278.000 | 4.774 | 12.253 | 1.419 | 7.516 |
| 279.000 | 4.780 | 12.253 | 1.419 | 7.516 |
| 280.000 | 4.787 | 12.253 | 1.419 | 7.548 |
| 281.000 | 4.793 | 12.253 | 1.419 | 7.548 |
| 282.000 | 4.799 | 12.253 | 1.419 | 7.548 |
| 283.000 | 4.806 | 12.253 | 1.419 | 7.548 |
| 284.000 | 4.812 | 12.174 | 1.419 | 7.548 |
| 285.000 | 4.812 | 12.253 | 1.419 | 7.548 |
| 286.000 | 4.818 | 12.174 | 1.419 | 7.579 |
| 287.000 | 4.825 | 12.332 | 1.419 | 7.548 |
| 288.000 | 4.831 | 12.332 | 1.419 | 7.548 |
| 289.000 | 4.837 | 12.332 | 1.419 | 7.579 |
| 290.000 | 4.844 | 12.332 | 1.419 | 7.579 |
| 291.000 | 4.850 | 12.332 | 1.451 | 7.579 |
| 292.000 | 4.850 | 12.332 | 1.419 | 7.579 |
| 293.000 | 4.856 | 12.332 | 1.419 | 7.579 |
| 294.000 | 4.863 | 12.332 | 1.419 | 7.579 |
| 295.000 | 4.863 | 12.174 | 1.419 | 7.579 |
| 296.000 | 4.869 | 12.174 | 1.419 | 7.611 |
| 297.000 | 4.882 | 12.174 | 1.419 | 7.611 |



CHM 003 0999

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 298.000 | 4.882 | 12.332 | 1.451 | 7.611 |
| 299.000 | 4.888 | 12.174 | 1.419 | 7.611 |
| 300.000 | 4.894 | 12.332 | 1.451 | 7.611 |
| 301.000 | 4.901 | 12.411 | 1.419 | 7.611 |
| 302.000 | 4.901 | 12.332 | 1.451 | 7.643 |
| 303.000 | 4.913 | 12.332 | 1.451 | 7.611 |
| 304.000 | 4.913 | 12.411 | 1.451 | 7.643 |
| 305.000 | 4.920 | 12.411 | 1.451 | 7.643 |
| 306.000 | 4.920 | 12.174 | 1.451 | 7.611 |
| 307.000 | 4.932 | 12.411 | 1.451 | 7.643 |
| 308.000 | 4.932 | 12.411 | 1.451 | 7.643 |
| 309.000 | 4.939 | 12.411 | 1.451 | 7.643 |
| 310.000 | 4.939 | 12.332 | 1.419 | 7.643 |
| 311.000 | 4.945 | 12.411 | 1.451 | 7.643 |
| 312.000 | 4.951 | 12.411 | 1.451 | 7.643 |
| 313.000 | 4.958 | 12.411 | 1.451 | 7.674 |
| 314.000 | 4.958 | 12.411 | 1.451 | 7.674 |
| 315.000 | 4.964 | 12.411 | 1.482 | 7.674 |
| 316.000 | 4.964 | 12.411 | 1.451 | 7.674 |
| 317.000 | 4.970 | 12.411 | 1.451 | 7.674 |
| 318.000 | 4.977 | 12.411 | 1.451 | 7.674 |
| 319.000 | 4.983 | 12.411 | 1.451 | 7.674 |
| 320.000 | 4.983 | 12.411 | 1.451 | 7.674 |
| 321.000 | 4.983 | 12.411 | 1.482 | 7.674 |
| 322.000 | 4.989 | 12.411 | 1.482 | 7.674 |
| 323.000 | 4.989 | 12.411 | 1.451 | 7.674 |
| 324.000 | 5.002 | 12.411 | 1.451 | 7.674 |
| 325.000 | 4.996 | 12.411 | 1.451 | 7.706 |
| 326.000 | 5.002 | 12.411 | 1.451 | 7.706 |
| 327.000 | 5.008 | 12.411 | 1.482 | 7.706 |
| 328.000 | 5.008 | 12.411 | 1.451 | 7.706 |
| 329.000 | 5.015 | 12.411 | 1.451 | 7.706 |
| 330.000 | 5.021 | 12.411 | 1.451 | 7.706 |
| 331.000 | 5.021 | 12.490 | 1.482 | 7.706 |
| 332.000 | 5.027 | 12.490 | 1.451 | 7.706 |
| 333.000 | 5.034 | 12.490 | 1.482 | 7.737 |
| 334.000 | 5.034 | 12.490 | 1.451 | 7.706 |
| 335.000 | 5.034 | 12.490 | 1.451 | 7.737 |
| 336.000 | 5.040 | 12.490 | 1.451 | 7.737 |
| 337.000 | 5.047 | 12.490 | 1.451 | 7.737 |
| 338.000 | 5.047 | 12.490 | 1.451 | 7.737 |
| 339.000 | 5.053 | 12.490 | 1.451 | 7.737 |
| 340.000 | 5.053 | 12.490 | 1.451 | 7.737 |
| 341.000 | 5.059 | 12.490 | 1.482 | 7.737 |
| 342.000 | 5.066 | 12.490 | 1.482 | 7.737 |
| 343.000 | 5.066 | 12.490 | 1.482 | 7.737 |
| 344.000 | 5.072 | 12.490 | 1.451 | 7.737 |
| 345.000 | 5.072 | 12.490 | 1.482 | 7.737 |
| 346.000 | 5.078 | 12.490 | 1.451 | 7.737 |
| 347.000 | 5.085 | 12.490 | 1.482 | 7.769 |
| 348.000 | 5.085 | 12.490 | 1.482 | 7.769 |
| 349.000 | 5.091 | 12.490 | 1.451 | 7.769 |
| 350.000 | 5.091 | 12.490 | 1.482 | 7.769 |
| 351.000 | 5.091 | 12.490 | 1.482 | 7.769 |



CHM 003 1000

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 352.000 | 5.097 | 12.490 | 1.482 | 7.769 |
| 353.000 | 5.104 | 12.490 | 1.451 | 7.737 |
| 354.000 | 5.104 | 12.569 | 1.482 | 7.769 |
| 355.000 | 5.110 | 12.490 | 1.482 | 7.769 |
| 356.000 | 5.110 | 12.569 | 1.451 | 7.769 |
| 357.000 | 5.116 | 12.490 | 1.451 | 7.769 |
| 358.000 | 5.116 | 12.490 | 1.482 | 7.800 |
| 359.000 | 5.123 | 12.569 | 1.451 | 7.800 |
| 360.000 | 5.123 | 12.569 | 1.482 | 7.769 |
| 361.000 | 5.129 | 12.569 | 1.482 | 7.800 |
| 362.000 | 5.129 | 12.569 | 1.482 | 7.800 |
| 363.000 | 5.135 | 12.490 | 1.482 | 7.800 |
| 364.000 | 5.142 | 12.490 | 1.482 | 7.800 |
| 365.000 | 5.142 | 12.569 | 1.482 | 7.800 |
| 366.000 | 5.142 | 12.569 | 1.482 | 7.800 |
| 367.000 | 5.148 | 12.569 | 1.482 | 7.800 |
| 368.000 | 5.148 | 9.882 | 1.451 | 7.800 |
| 369.000 | 5.135 | 5.060 | 1.451 | 5.811 |
| 370.000 | 5.078 | 4.111 | 1.419 | 4.579 |
| 371.000 | 4.983 | 3.795 | 1.419 | 3.916 |
| 372.000 | 4.869 | 3.399 | 1.419 | 3.537 |
| 373.000 | 4.749 | 3.162 | 1.388 | 3.253 |
| 374.000 | 4.622 | 3.004 | 1.388 | 3.031 |
| 375.000 | 4.495 | 2.846 | 1.388 | 2.874 |
| 376.000 | 4.362 | 2.688 | 1.356 | 2.716 |
| 377.000 | 4.229 | 2.609 | 1.356 | 2.589 |
| 378.000 | 4.109 | 2.451 | 1.356 | 2.495 |
| 379.000 | 3.982 | 2.372 | 1.356 | 2.400 |
| 380.000 | 3.861 | 2.292 | 1.356 | 2.305 |
| 381.000 | 3.741 | 2.213 | 1.325 | 2.242 |
| 382.000 | 3.633 | 2.134 | 1.325 | 2.147 |
| 383.000 | 3.519 | 1.897 | 1.325 | 2.116 |
| 384.000 | 3.418 | 1.976 | 1.325 | 2.052 |
| 385.000 | 3.316 | 1.976 | 1.325 | 1.989 |
| 386.000 | 3.221 | 1.897 | 1.325 | 1.926 |
| 387.000 | 3.126 | 1.818 | 1.293 | 1.894 |
| 388.000 | 3.037 | 1.818 | 1.325 | 1.831 |
| 389.000 | 2.948 | 1.739 | 1.293 | 1.800 |
| 390.000 | 2.866 | 1.581 | 1.293 | 1.768 |
| 391.000 | 2.777 | 1.739 | 1.293 | 1.705 |
| 392.000 | 2.708 | 1.660 | 1.293 | 1.673 |
| 393.000 | 2.631 | 1.660 | 1.293 | 1.642 |
| 394.000 | 2.555 | 1.581 | 1.293 | 1.610 |
| 395.000 | 2.492 | 1.581 | 1.293 | 1.579 |
| 396.000 | 2.422 | 1.502 | 1.293 | 1.579 |
| 397.000 | 2.359 | 1.502 | 1.293 | 1.547 |
| 398.000 | 2.295 | 1.423 | 1.293 | 1.515 |
| 399.000 | 2.238 | 1.423 | 1.261 | 1.484 |
| 400.000 | 2.181 | 1.265 | 1.261 | 1.452 |
| 401.000 | 2.124 | 1.344 | 1.261 | 1.421 |
| 402.000 | 2.073 | 1.344 | 1.261 | 1.421 |
| 403.000 | 2.029 | 1.344 | 1.261 | 1.389 |
| 404.000 | 1.978 | 1.265 | 1.261 | 1.358 |
| 405.000 | 1.934 | 1.106 | 1.261 | 1.358 |



CHM 003 1001

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 406.000 | 1.890 | 1.265 | 1.261 | 1.326 |
| 407.000 | 1.845 | 1.265 | 1.261 | 1.326 |
| 408.000 | 1.801 | 1.186 | 1.261 | 1.294 |
| 409.000 | 1.763 | 1.027 | 1.261 | 1.263 |
| 410.000 | 1.725 | 1.186 | 1.261 | 1.263 |
| 411.000 | 1.680 | 1.186 | 1.230 | 1.231 |
| 412.000 | 1.655 | 1.186 | 1.325 | 1.231 |
| 413.000 | 1.332 | 1.186 | 1.798 | 1.231 |
| 414.000 | 1.661 | 3.162 | 3.785 | 1.326 |
| 415.000 | 1.262 | 2.767 | 3.375 | 1.326 |
| 416.000 | 1.135 | 2.609 | 3.281 | 1.168 |
| 417.000 | 1.084 | 2.609 | 3.217 | 1.105 |
| 418.000 | 1.052 | 2.530 | 3.186 | 1.073 |
| 419.000 | 1.033 | 2.530 | 3.154 | 1.042 |
| 420.000 | 1.021 | 2.530 | 3.154 | 1.010 |
| 421.000 | 1.002 | 2.530 | 3.154 | 1.010 |
| 422.000 | 0.989 | 2.530 | 3.123 | 0.979 |
| 423.000 | 0.976 | 2.530 | 3.123 | 0.979 |
| 424.000 | 0.964 | 2.451 | 3.091 | 0.979 |
| 425.000 | 0.957 | 2.451 | 3.091 | 0.947 |
| 426.000 | 0.945 | 2.451 | 3.060 | 0.947 |
| 427.000 | 0.932 | 2.451 | 3.060 | 0.915 |
| 428.000 | 0.926 | 2.451 | 3.060 | 0.915 |
| 429.000 | 0.919 | 2.451 | 3.060 | 0.915 |
| 430.000 | 0.907 | 2.451 | 3.028 | 0.915 |
| 431.000 | 0.900 | 2.451 | 3.028 | 0.884 |
| 432.000 | 0.894 | 2.451 | 3.028 | 0.884 |
| 433.000 | 0.881 | 2.451 | 3.028 | 0.884 |
| 434.000 | 0.875 | 2.372 | 2.997 | 0.884 |
| 435.000 | 0.869 | 2.372 | 2.997 | 0.852 |
| 436.000 | 0.862 | 2.372 | 2.997 | 0.852 |
| 437.000 | 0.856 | 2.372 | 2.997 | 0.852 |
| 438.000 | 0.843 | 2.372 | 2.997 | 0.821 |
| 439.000 | 0.843 | 2.372 | 2.965 | 0.821 |
| 440.000 | 0.837 | 2.372 | 2.965 | 0.821 |
| 441.000 | 0.824 | 2.372 | 2.965 | 0.821 |
| 442.000 | 0.824 | 2.372 | 2.965 | 0.821 |
| 443.000 | 0.818 | 2.372 | 2.965 | 0.789 |
| 444.000 | 0.805 | 2.372 | 2.933 | 0.789 |
| 445.000 | 0.805 | 2.292 | 2.933 | 0.789 |
| 446.000 | 0.799 | 2.292 | 2.933 | 0.789 |
| 447.000 | 0.792 | 2.292 | 2.933 | 0.757 |
| 448.000 | 0.786 | 2.372 | 2.933 | 0.757 |
| 449.000 | 0.780 | 2.292 | 2.902 | 0.757 |
| 450.000 | 0.773 | 2.292 | 2.902 | 0.757 |
| 451.000 | 0.767 | 2.292 | 2.902 | 0.757 |
| 452.000 | 0.761 | 2.292 | 2.902 | 0.757 |
| 453.000 | 0.761 | 2.292 | 2.902 | 0.726 |
| 454.000 | 0.754 | 2.292 | 2.870 | 0.726 |
| 455.000 | 0.748 | 2.292 | 2.870 | 0.726 |
| 456.000 | 0.748 | 2.292 | 2.870 | 0.726 |
| 457.000 | 0.742 | 2.292 | 2.870 | 0.726 |
| 458.000 | 0.735 | 2.292 | 2.870 | 0.726 |
| 459.000 | 0.729 | 2.213 | 2.870 | 0.694 |



CHM 003 1002

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 460.000 | 0.729 | 2.213 | 2.870 | 0.694 |
| 461.000 | 0.723 | 2.213 | 2.870 | 0.694 |
| 462.000 | 0.716 | 2.213 | 2.839 | 0.694 |
| 463.000 | 0.710 | 2.213 | 2.839 | 0.694 |
| 464.000 | 0.710 | 2.213 | 2.839 | 0.694 |
| 465.000 | 0.710 | 2.213 | 2.839 | 0.663 |
| 466.000 | 0.704 | 2.213 | 2.839 | 0.663 |
| 467.000 | 0.697 | 2.213 | 2.839 | 0.663 |
| 468.000 | 0.697 | 2.213 | 2.807 | 0.663 |
| 469.000 | 0.691 | 2.213 | 2.807 | 0.663 |
| 470.000 | 0.685 | 2.213 | 2.807 | 0.663 |
| 471.000 | 0.678 | 2.213 | 2.807 | 0.663 |
| 472.000 | 0.678 | 2.213 | 2.807 | 0.631 |
| 473.000 | 0.672 | 2.213 | 2.807 | 0.631 |
| 474.000 | 0.672 | 2.213 | 2.807 | 0.631 |
| 475.000 | 0.666 | 2.213 | 2.807 | 0.631 |
| 476.000 | 0.666 | 2.213 | 2.807 | 0.631 |
| 477.000 | 0.659 | 2.134 | 2.807 | 0.631 |
| 478.000 | 0.653 | 2.134 | 2.776 | 0.631 |
| 479.000 | 0.653 | 2.134 | 2.776 | 0.600 |
| 480.000 | 0.647 | 2.134 | 2.776 | 0.631 |
| 481.000 | 0.647 | 2.213 | 2.776 | 0.600 |
| 482.000 | 0.647 | 2.134 | 2.776 | 0.600 |
| 483.000 | 0.640 | 2.134 | 2.776 | 0.600 |
| 484.000 | 0.640 | 2.134 | 2.776 | 0.600 |
| 485.000 | 0.634 | 2.134 | 2.776 | 0.600 |
| 486.000 | 0.634 | 2.134 | 2.776 | 0.600 |
| 487.000 | 0.627 | 2.134 | 2.744 | 0.600 |
| 488.000 | 0.621 | 2.134 | 2.744 | 0.568 |
| 489.000 | 0.621 | 2.134 | 2.744 | 0.568 |
| 490.000 | 0.615 | 2.134 | 2.744 | 0.568 |
| 491.000 | 0.615 | 2.134 | 2.744 | 0.568 |
| 492.000 | 0.615 | 2.134 | 2.744 | 0.568 |
| 493.000 | 0.608 | 2.134 | 2.744 | 0.568 |
| 494.000 | 0.608 | 2.134 | 2.744 | 0.568 |
| 495.000 | 0.602 | 2.134 | 2.744 | 0.568 |
| 496.000 | 0.602 | 2.134 | 2.744 | 0.568 |
| 497.000 | 0.602 | 2.134 | 2.744 | 0.568 |
| 498.000 | 0.596 | 2.134 | 2.744 | 0.536 |
| 499.000 | 0.596 | 2.134 | 2.713 | 0.536 |
| 500.000 | 0.589 | 2.055 | 2.713 | 0.536 |
| 501.000 | 0.589 | 2.055 | 2.713 | 0.536 |
| 502.000 | 0.583 | 2.134 | 2.713 | 0.536 |
| 503.000 | 0.583 | 2.134 | 2.713 | 0.536 |
| 504.000 | 0.583 | 2.055 | 2.713 | 0.536 |
| 505.000 | 0.577 | 2.055 | 2.713 | 0.536 |
| 506.000 | 0.577 | 2.055 | 2.713 | 0.536 |
| 507.000 | 0.570 | 2.055 | 2.713 | 0.536 |
| 508.000 | 0.570 | 2.055 | 2.713 | 0.505 |
| 509.000 | 0.570 | 2.055 | 2.713 | 0.505 |
| 510.000 | 0.564 | 2.055 | 2.713 | 0.505 |
| 511.000 | 0.564 | 2.055 | 2.681 | 0.505 |
| 512.000 | 0.564 | 2.055 | 2.713 | 0.505 |
| 513.000 | 0.558 | 2.055 | 2.681 | 0.505 |



CHM 003 1003

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 514.000 | 0.558 | 2.055 | 2.681 | 0.505 |
| 515.000 | 0.558 | 2.055 | 2.681 | 0.505 |
| 516.000 | 0.551 | 2.055 | 2.681 | 0.505 |
| 517.000 | 0.551 | 2.055 | 2.681 | 0.505 |
| 518.000 | 0.551 | 2.055 | 2.681 | 0.505 |
| 519.000 | 0.545 | 2.055 | 2.681 | 0.505 |
| 520.000 | 0.545 | 2.055 | 2.650 | 0.473 |
| 521.000 | 0.545 | 2.055 | 2.681 | 0.473 |
| 522.000 | 0.539 | 2.055 | 2.681 | 0.505 |
| 523.000 | 0.539 | 2.055 | 2.681 | 0.473 |
| 524.000 | 0.532 | 2.055 | 2.650 | 0.473 |
| 525.000 | 0.532 | 2.055 | 2.681 | 0.473 |
| 526.000 | 0.532 | 2.055 | 2.650 | 0.473 |
| 527.000 | 0.526 | 1.976 | 2.650 | 0.473 |
| 528.000 | 0.526 | 2.055 | 2.650 | 0.473 |
| 529.000 | 0.526 | 2.055 | 2.650 | 0.473 |
| 530.000 | 0.520 | 1.976 | 2.650 | 0.473 |
| 531.000 | 0.520 | 2.055 | 2.650 | 0.473 |
| 532.000 | 0.520 | 2.055 | 2.650 | 0.473 |
| 533.000 | 0.513 | 1.976 | 2.650 | 0.473 |
| 534.000 | 0.513 | 1.976 | 2.650 | 0.442 |
| 535.000 | 0.513 | 1.976 | 2.650 | 0.442 |
| 536.000 | 0.513 | 1.976 | 2.650 | 0.442 |
| 537.000 | 0.507 | 1.976 | 2.650 | 0.473 |
| 538.000 | 0.494 | 1.976 | 2.618 | 0.442 |
| 539.000 | 0.501 | 1.976 | 2.618 | 0.442 |
| 540.000 | 0.501 | 1.976 | 2.618 | 0.442 |
| 541.000 | 0.501 | 1.976 | 2.618 | 0.442 |
| 542.000 | 0.501 | 1.976 | 2.618 | 0.442 |
| 543.000 | 0.501 | 1.976 | 2.618 | 0.442 |
| 544.000 | 0.494 | 1.976 | 2.618 | 0.442 |
| 545.000 | 0.494 | 1.976 | 2.618 | 0.442 |
| 546.000 | 0.494 | 1.976 | 2.618 | 0.442 |
| 547.000 | 0.494 | 1.976 | 2.618 | 0.442 |
| 548.000 | 0.488 | 1.976 | 2.618 | 0.410 |
| 549.000 | 0.488 | 1.976 | 2.618 | 0.442 |
| 550.000 | 0.488 | 1.976 | 2.618 | 0.442 |
| 551.000 | 0.488 | 1.976 | 2.618 | 0.410 |
| 552.000 | 0.482 | 1.976 | 2.618 | 0.442 |
| 553.000 | 0.482 | 1.976 | 2.618 | 0.410 |
| 554.000 | 0.482 | 1.976 | 2.586 | 0.410 |
| 555.000 | 0.482 | 1.976 | 2.618 | 0.442 |
| 556.000 | 0.475 | 1.976 | 2.586 | 0.410 |
| 557.000 | 0.475 | 1.976 | 2.618 | 0.410 |
| 558.000 | 0.475 | 1.976 | 2.618 | 0.410 |
| 559.000 | 0.475 | 1.976 | 2.586 | 0.410 |
| 560.000 | 0.469 | 1.976 | 2.586 | 0.410 |
| 561.000 | 0.469 | 1.976 | 2.586 | 0.410 |
| 562.000 | 0.469 | 1.976 | 2.586 | 0.410 |
| 563.000 | 0.469 | 1.976 | 2.618 | 0.410 |
| 564.000 | 0.469 | 1.976 | 2.586 | 0.410 |
| 565.000 | 0.469 | 1.897 | 2.586 | 0.410 |
| 566.000 | 0.463 | 1.976 | 2.586 | 0.410 |
| 567.000 | 0.463 | 1.976 | 2.586 | 0.378 |



CHM 003 1004

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 568.000 | 0.463 | 1.976 | 2.586 | 0.410 |
| 569.000 | 0.463 | 1.976 | 2.586 | 0.410 |
| 570.000 | 0.456 | 1.976 | 2.586 | 0.410 |
| 571.000 | 0.456 | 1.976 | 2.586 | 0.410 |
| 572.000 | 0.456 | 1.976 | 2.586 | 0.378 |
| 573.000 | 0.456 | 1.976 | 2.586 | 0.378 |
| 574.000 | 0.456 | 1.976 | 2.586 | 0.378 |
| 575.000 | 0.450 | 1.897 | 2.586 | 0.378 |
| 576.000 | 0.444 | 1.897 | 2.586 | 0.378 |
| 577.000 | 0.450 | 1.897 | 2.555 | 0.378 |
| 578.000 | 0.450 | 1.897 | 2.586 | 0.378 |
| 579.000 | 0.450 | 1.976 | 2.555 | 0.378 |
| 580.000 | 0.444 | 1.976 | 2.586 | 0.378 |
| 581.000 | 0.444 | 1.897 | 2.586 | 0.378 |
| 582.000 | 0.444 | 1.897 | 2.555 | 0.378 |
| 583.000 | 0.444 | 1.897 | 2.555 | 0.378 |
| 584.000 | 0.444 | 1.976 | 2.586 | 0.378 |
| 585.000 | 0.437 | 1.897 | 2.555 | 0.378 |
| 586.000 | 0.437 | 1.976 | 2.555 | 0.378 |
| 587.000 | 0.437 | 1.897 | 2.555 | 0.347 |
| 588.000 | 0.437 | 1.897 | 2.555 | 0.378 |
| 589.000 | 0.431 | 1.897 | 2.555 | 0.378 |
| 590.000 | 0.431 | 1.897 | 2.555 | 0.347 |
| 591.000 | 0.431 | 1.897 | 2.555 | 0.347 |
| 592.000 | 0.431 | 1.897 | 2.555 | 0.347 |
| 593.000 | 0.431 | 1.897 | 2.555 | 0.347 |
| 594.000 | 0.425 | 1.897 | 2.555 | 0.347 |
| 595.000 | 0.425 | 1.897 | 2.555 | 0.347 |
| 596.000 | 0.425 | 1.897 | 2.555 | 0.347 |
| 597.000 | 0.425 | 1.897 | 2.555 | 0.347 |
| 598.000 | 0.425 | 1.897 | 2.555 | 0.347 |
| 599.000 | 0.418 | 1.897 | 2.555 | 0.347 |
| 600.000 | 0.418 | 1.897 | 2.555 | 0.347 |
| 601.000 | 0.425 | 1.897 | 2.555 | 0.347 |
| 602.000 | 0.418 | 1.897 | 2.555 | 0.347 |
| 603.000 | 0.418 | 1.897 | 2.555 | 0.347 |
| 604.000 | 0.418 | 1.897 | 2.555 | 0.347 |
| 605.000 | 0.418 | 1.897 | 2.555 | 0.347 |
| 606.000 | 0.418 | 1.897 | 2.555 | 0.347 |
| 607.000 | 0.412 | 1.897 | 2.555 | 0.347 |
| 608.000 | 0.412 | 1.897 | 2.555 | 0.347 |
| 609.000 | 0.412 | 1.897 | 2.523 | 0.347 |
| 610.000 | 0.412 | 1.897 | 2.555 | 0.347 |
| 611.000 | 0.412 | 1.897 | 2.523 | 0.347 |
| 612.000 | 0.412 | 1.897 | 2.523 | 0.347 |
| 613.000 | 0.405 | 1.897 | 2.523 | 0.347 |
| 614.000 | 0.405 | 1.897 | 2.523 | 0.347 |
| 615.000 | 0.405 | 1.897 | 2.523 | 0.347 |
| 616.000 | 0.405 | 1.897 | 2.523 | 0.347 |
| 617.000 | 0.405 | 1.897 | 2.523 | 0.347 |
| 618.000 | 0.405 | 1.897 | 2.523 | 0.347 |
| 619.000 | 0.405 | 1.897 | 2.523 | 0.347 |
| 620.000 | 0.405 | 1.818 | 2.523 | 0.347 |
| 621.000 | 0.405 | 1.897 | 2.523 | 0.347 |



CHM 003 1005

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 622.000 | 0.405 | 1.897 | 2.523 | 0.315 |
| 623.000 | 0.399 | 1.897 | 2.523 | 0.347 |
| 624.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 625.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 626.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 627.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 628.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 629.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 630.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 631.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 632.000 | 0.399 | 1.897 | 2.523 | 0.315 |
| 633.000 | 0.393 | 1.897 | 2.523 | 0.315 |
| 634.000 | 0.393 | 1.897 | 2.523 | 0.315 |
| 635.000 | 0.393 | 1.818 | 2.523 | 0.315 |
| 636.000 | 0.393 | 1.897 | 2.523 | 0.315 |
| 637.000 | 0.393 | 1.897 | 2.523 | 0.315 |
| 638.000 | 0.393 | 1.897 | 2.523 | 0.315 |
| 639.000 | 0.393 | 1.897 | 2.523 | 0.315 |
| 640.000 | 0.393 | 1.818 | 2.523 | 0.315 |
| 641.000 | 0.386 | 1.897 | 2.523 | 0.315 |
| 642.000 | 0.386 | 1.897 | 2.492 | 0.315 |
| 643.000 | 0.386 | 1.897 | 2.523 | 0.315 |
| 644.000 | 0.386 | 1.818 | 2.523 | 0.315 |
| 645.000 | 0.386 | 1.897 | 2.523 | 0.315 |
| 646.000 | 0.386 | 1.897 | 2.523 | 0.315 |
| 647.000 | 0.386 | 1.897 | 2.492 | 0.315 |
| 648.000 | 0.386 | 1.897 | 2.523 | 0.315 |
| 649.000 | 0.386 | 1.897 | 2.523 | 0.315 |
| 650.000 | 0.380 | 1.897 | 2.523 | 0.315 |
| 651.000 | 0.380 | 1.897 | 2.492 | 0.284 |
| 652.000 | 0.380 | 1.897 | 2.523 | 0.315 |
| 653.000 | 0.380 | 1.897 | 2.492 | 0.315 |
| 654.000 | 0.380 | 1.897 | 2.523 | 0.315 |
| 655.000 | 0.380 | 1.818 | 2.492 | 0.315 |
| 656.000 | 0.380 | 1.818 | 2.492 | 0.284 |
| 657.000 | 0.380 | 1.897 | 2.492 | 0.284 |
| 658.000 | 0.380 | 1.897 | 2.492 | 0.315 |
| 659.000 | 0.374 | 1.818 | 2.492 | 0.284 |
| 660.000 | 0.380 | 1.818 | 2.492 | 0.284 |
| 661.000 | 0.380 | 1.897 | 2.492 | 0.315 |
| 662.000 | 0.374 | 1.818 | 2.492 | 0.315 |
| 663.000 | 0.374 | 1.897 | 2.492 | 0.315 |
| 664.000 | 0.374 | 1.897 | 2.492 | 0.284 |
| 665.000 | 0.374 | 1.818 | 2.492 | 0.284 |
| 666.000 | 0.374 | 1.897 | 2.492 | 0.284 |
| 667.000 | 0.374 | 1.818 | 2.492 | 0.284 |
| 668.000 | 0.374 | 1.818 | 2.492 | 0.284 |
| 669.000 | 0.367 | 1.897 | 2.492 | 0.284 |
| 670.000 | 0.374 | 1.818 | 2.492 | 0.284 |
| 671.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 672.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 673.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 674.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 675.000 | 0.367 | 1.818 | 2.492 | 0.284 |



CHM 003 1006

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 676.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 677.000 | 0.367 | 1.897 | 2.492 | 0.284 |
| 678.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 679.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 680.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 681.000 | 0.367 | 1.897 | 2.492 | 0.284 |
| 682.000 | 0.367 | 1.897 | 2.492 | 0.284 |
| 683.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 684.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 685.000 | 0.367 | 1.818 | 2.492 | 0.284 |
| 686.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 687.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 688.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 689.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 690.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 691.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 692.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 693.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 694.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 695.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 696.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 697.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 698.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 699.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 700.000 | 0.361 | 1.818 | 2.492 | 0.284 |
| 701.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 702.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 703.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 704.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 705.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 706.000 | 0.355 | 1.818 | 2.460 | 0.284 |
| 707.000 | 0.355 | 1.818 | 2.492 | 0.252 |
| 708.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 709.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 710.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 711.000 | 0.355 | 1.818 | 2.460 | 0.284 |
| 712.000 | 0.355 | 1.818 | 2.492 | 0.252 |
| 713.000 | 0.348 | 1.818 | 2.492 | 0.252 |
| 714.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 715.000 | 0.348 | 1.818 | 2.492 | 0.284 |
| 716.000 | 0.348 | 1.818 | 2.492 | 0.284 |
| 717.000 | 0.348 | 1.818 | 2.460 | 0.284 |
| 718.000 | 0.355 | 1.818 | 2.492 | 0.284 |
| 719.000 | 0.348 | 1.818 | 2.460 | 0.284 |
| 720.000 | 0.355 | 1.818 | 2.492 | 0.252 |
| 721.000 | 0.348 | 1.818 | 2.460 | 0.284 |
| 722.000 | 0.348 | 1.818 | 2.492 | 0.284 |
| 723.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 724.000 | 0.348 | 1.818 | 2.460 | 0.284 |
| 725.000 | 0.348 | 1.818 | 2.492 | 0.252 |
| 726.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 727.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 728.000 | 0.348 | 1.818 | 2.492 | 0.252 |
| 729.000 | 0.348 | 1.818 | 2.460 | 0.284 |



CHM 003 1007

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 730.000 | 0.348 | 1.818 | 2.492 | 0.284 |
| 731.000 | 0.348 | 1.818 | 2.460 | 0.284 |
| 732.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 733.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 734.000 | 0.348 | 1.818 | 2.460 | 0.284 |
| 735.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 736.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 737.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 738.000 | 0.348 | 1.818 | 2.492 | 0.284 |
| 739.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 740.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 741.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 742.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 743.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 744.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 745.000 | 0.348 | 1.818 | 2.492 | 0.252 |
| 746.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 747.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 748.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 749.000 | 0.342 | 1.818 | 2.460 | 0.284 |
| 750.000 | 0.348 | 1.818 | 2.460 | 0.252 |
| 751.000 | 0.348 | 1.818 | 2.492 | 0.252 |
| 752.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 753.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 754.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 755.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 756.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 757.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 758.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 759.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 760.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 761.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 762.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 763.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 764.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 765.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 766.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 767.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 768.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 769.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 770.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 771.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 772.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 773.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 774.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 775.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 776.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 777.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 778.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 779.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 780.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 781.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 782.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 783.000 | 0.336 | 1.818 | 2.460 | 0.252 |



CHM 003 1006

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 784.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 785.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 786.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 787.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 788.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 789.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 790.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 791.000 | 0.342 | 1.739 | 2.460 | 0.252 |
| 792.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 793.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 794.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 795.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 796.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 797.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 798.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 799.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 800.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 801.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 802.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 803.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 804.000 | 0.342 | 1.818 | 2.460 | 0.252 |
| 805.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 806.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 807.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 808.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 809.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 810.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 811.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 812.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 813.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 814.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 815.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 816.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 817.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 818.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 819.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 820.000 | 0.336 | 1.818 | 2.460 | 0.252 |
| 821.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 822.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 823.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 824.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 825.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 826.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 827.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 828.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 829.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 830.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 831.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 832.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 833.000 | 0.329 | 1.739 | 2.460 | 0.252 |
| 834.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 835.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 836.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 837.000 | 0.329 | 1.818 | 2.460 | 0.252 |



CHM 003 1009

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 838.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 839.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 840.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 841.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 842.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 843.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 844.000 | 0.329 | 1.739 | 2.460 | 0.221 |
| 845.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 846.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 847.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 848.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 849.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 850.000 | 0.329 | 1.818 | 2.429 | 0.252 |
| 851.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 852.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 853.000 | 0.329 | 1.739 | 2.460 | 0.221 |
| 854.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 855.000 | 0.329 | 1.739 | 2.460 | 0.221 |
| 856.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 857.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 858.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 859.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 860.000 | 0.323 | 1.818 | 2.460 | 0.252 |
| 861.000 | 0.323 | 1.818 | 2.460 | 0.221 |
| 862.000 | 0.329 | 1.818 | 2.460 | 0.252 |
| 863.000 | 0.323 | 1.818 | 2.460 | 0.252 |
| 864.000 | 0.323 | 1.818 | 2.460 | 0.252 |
| 865.000 | 0.329 | 1.739 | 2.460 | 0.252 |
| 866.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 867.000 | 0.323 | 1.818 | 2.460 | 0.252 |
| 868.000 | 0.323 | 1.818 | 2.460 | 0.221 |
| 869.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 870.000 | 0.323 | 1.818 | 2.460 | 0.252 |
| 871.000 | 0.323 | 1.818 | 2.460 | 0.252 |
| 872.000 | 0.329 | 1.739 | 2.460 | 0.252 |
| 873.000 | 0.329 | 1.818 | 2.460 | 0.221 |
| 874.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 875.000 | 0.323 | 1.818 | 2.460 | 0.252 |
| 876.000 | 0.323 | 1.818 | 2.460 | 0.221 |
| 877.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 878.000 | 0.323 | 1.739 | 2.460 | 0.221 |
| 879.000 | 0.323 | 1.818 | 2.460 | 0.221 |
| 880.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 881.000 | 0.323 | 1.739 | 2.460 | 0.252 |
| 882.000 | 0.317 | 1.739 | 2.429 | 0.221 |
| 883.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 884.000 | 0.317 | 1.739 | 2.460 | 0.221 |
| 885.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 886.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 887.000 | 0.317 | 1.739 | 2.460 | 0.221 |
| 888.000 | 0.323 | 1.818 | 2.429 | 0.221 |
| 889.000 | 0.317 | 1.739 | 2.429 | 0.221 |
| 890.000 | 0.317 | 1.818 | 2.460 | 0.221 |
| 891.000 | 0.317 | 1.818 | 2.460 | 0.221 |



CHM 003 1010

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 892.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 893.000 | 0.317 | 1.818 | 2.460 | 0.221 |
| 894.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 895.000 | 0.317 | 1.818 | 2.429 | 0.252 |
| 896.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 897.000 | 0.317 | 1.818 | 2.460 | 0.221 |
| 898.000 | 0.317 | 1.818 | 2.460 | 0.221 |
| 899.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 900.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 901.000 | 0.317 | 1.739 | 2.429 | 0.221 |
| 902.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 903.000 | 0.317 | 1.818 | 2.460 | 0.221 |
| 904.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 905.000 | 0.317 | 1.739 | 2.429 | 0.221 |
| 906.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 907.000 | 0.317 | 1.739 | 2.429 | 0.221 |
| 908.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 909.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 910.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 911.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 912.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 913.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 914.000 | 0.317 | 1.818 | 2.429 | 0.221 |
| 915.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 916.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 917.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 918.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 919.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 920.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 921.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 922.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 923.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 924.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 925.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 926.000 | 0.310 | 1.818 | 2.429 | 0.221 |
| 927.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 928.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 929.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 930.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 931.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 932.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 933.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 934.000 | 0.310 | 1.739 | 2.429 | 0.221 |
| 935.000 | 0.304 | 1.818 | 2.429 | 0.221 |
| 936.000 | 0.304 | 1.818 | 2.429 | 0.221 |
| 937.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 938.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 939.000 | 0.304 | 1.818 | 2.429 | 0.221 |
| 940.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 941.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 942.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 943.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 944.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 945.000 | 0.304 | 1.739 | 2.429 | 0.221 |



CHM 003 1011

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 946.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 947.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 948.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 949.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 950.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 951.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 952.000 | 0.304 | 1.739 | 2.429 | 0.189 |
| 953.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 954.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 955.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 956.000 | 0.304 | 1.818 | 2.429 | 0.221 |
| 957.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 958.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 959.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 960.000 | 0.298 | 1.739 | 2.429 | 0.189 |
| 961.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 962.000 | 0.304 | 1.739 | 2.429 | 0.221 |
| 963.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 964.000 | 0.298 | 1.739 | 2.429 | 0.189 |
| 965.000 | 0.298 | 1.818 | 2.429 | 0.221 |
| 966.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 967.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 968.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 969.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 970.000 | 0.298 | 1.739 | 2.429 | 0.189 |
| 971.000 | 0.298 | 1.818 | 2.429 | 0.189 |
| 972.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 973.000 | 0.298 | 1.739 | 2.429 | 0.189 |
| 974.000 | 0.298 | 1.739 | 2.429 | 0.189 |
| 975.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 976.000 | 0.298 | 1.739 | 2.397 | 0.221 |
| 977.000 | 0.298 | 1.739 | 2.397 | 0.189 |
| 978.000 | 0.298 | 1.739 | 2.397 | 0.189 |
| 979.000 | 0.298 | 1.739 | 2.429 | 0.189 |
| 980.000 | 0.291 | 1.739 | 2.429 | 0.221 |
| 981.000 | 0.298 | 1.739 | 2.429 | 0.221 |
| 982.000 | 0.298 | 1.739 | 2.429 | 0.189 |
| 983.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 984.000 | 0.291 | 1.739 | 2.397 | 0.221 |
| 985.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 986.000 | 0.291 | 1.739 | 2.397 | 0.189 |
| 987.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 988.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 989.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 990.000 | 0.291 | 1.739 | 2.397 | 0.189 |
| 991.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 992.000 | 0.291 | 1.739 | 2.429 | 0.221 |
| 993.000 | 0.291 | 1.739 | 2.397 | 0.189 |
| 994.000 | 0.291 | 1.739 | 2.397 | 0.189 |
| 995.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 996.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 997.000 | 0.291 | 1.739 | 2.397 | 0.189 |
| 998.000 | 0.291 | 1.739 | 2.429 | 0.189 |
| 999.000 | 0.291 | 1.739 | 2.397 | 0.189 |



CHM 003 1012

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1000.00 | 0.291 | 1.739 | 2.397 | 0.189 |
| 1001.00 | 0.291 | 1.739 | 2.397 | 0.189 |
| 1002.00 | 0.291 | 1.739 | 2.397 | 0.189 |
| 1003.00 | 0.291 | 1.739 | 2.397 | 0.189 |
| 1004.00 | 0.291 | 1.739 | 2.397 | 0.189 |
| 1005.00 | 0.291 | 1.739 | 2.397 | 0.189 |
| 1006.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1007.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1008.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1009.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1010.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1011.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1012.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1013.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1014.00 | 0.285 | 1.818 | 2.397 | 0.189 |
| 1015.00 | 0.285 | 1.739 | 2.429 | 0.189 |
| 1016.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1017.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1018.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1019.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1020.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1021.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1022.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1023.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1024.00 | 0.285 | 1.739 | 2.397 | 0.189 |
| 1025.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1026.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1027.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1028.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1029.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1030.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1031.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1032.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1033.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1034.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1035.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1036.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1037.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1038.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1039.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1040.00 | 0.279 | 1.739 | 2.397 | 0.157 |
| 1041.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1042.00 | 0.279 | 1.739 | 2.397 | 0.189 |
| 1043.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1044.00 | 0.279 | 1.739 | 2.397 | 0.157 |
| 1045.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1046.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1047.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1048.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1049.00 | 0.272 | 1.739 | 2.397 | 0.157 |
| 1050.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1051.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1052.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1053.00 | 0.272 | 1.739 | 2.397 | 0.189 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1054.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1055.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1056.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1057.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1058.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1059.00 | 0.272 | 1.739 | 2.397 | 0.189 |
| 1060.00 | 0.272 | 1.739 | 2.397 | 0.157 |
| 1061.00 | 0.266 | 1.739 | 2.397 | 0.189 |
| 1062.00 | 0.266 | 1.739 | 2.397 | 0.189 |
| 1063.00 | 0.266 | 1.739 | 2.366 | 0.157 |
| 1064.00 | 0.266 | 1.739 | 2.397 | 0.189 |
| 1065.00 | 0.266 | 1.739 | 2.397 | 0.189 |
| 1066.00 | 0.266 | 1.739 | 2.397 | 0.189 |
| 1067.00 | 0.272 | 1.739 | 2.397 | 0.157 |
| 1068.00 | 0.266 | 1.739 | 2.366 | 0.157 |
| 1069.00 | 0.266 | 1.739 | 2.397 | 0.157 |
| 1070.00 | 0.266 | 1.739 | 2.397 | 0.157 |
| 1071.00 | 0.266 | 1.739 | 2.397 | 0.157 |
| 1072.00 | 0.266 | 1.660 | 2.397 | 0.157 |
| 1073.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1074.00 | 0.266 | 1.739 | 2.397 | 0.157 |
| 1075.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1076.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1077.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1078.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1079.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1080.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1081.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1082.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1083.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1084.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1085.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1086.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1087.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1088.00 | 0.260 | 1.739 | 2.397 | 0.157 |
| 1089.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1090.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1091.00 | 0.260 | 1.739 | 2.366 | 0.157 |
| 1092.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1093.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1094.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1095.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1096.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1097.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1098.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1099.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1100.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1101.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1102.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1103.00 | 0.253 | 1.739 | 2.397 | 0.157 |
| 1104.00 | 0.253 | 1.660 | 2.366 | 0.157 |
| 1105.00 | 0.247 | 1.660 | 2.366 | 0.157 |
| 1106.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1107.00 | 0.247 | 1.739 | 2.366 | 0.157 |



CHM 003 1014

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1108.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1109.00 | 0.253 | 1.739 | 2.366 | 0.157 |
| 1110.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1111.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1112.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1113.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1114.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1115.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1116.00 | 0.247 | 1.660 | 2.366 | 0.157 |
| 1117.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1118.00 | 0.247 | 1.739 | 2.366 | 0.157 |
| 1119.00 | 0.247 | 1.660 | 2.366 | 0.157 |
| 1120.00 | 0.241 | 1.739 | 2.366 | 0.157 |
| 1121.00 | 0.241 | 1.739 | 2.366 | 0.157 |
| 1122.00 | 0.241 | 1.739 | 2.366 | 0.157 |
| 1123.00 | 0.241 | 1.739 | 2.366 | 0.157 |
| 1124.00 | 0.241 | 1.660 | 2.366 | 0.157 |
| 1125.00 | 0.241 | 1.660 | 2.366 | 0.157 |
| 1126.00 | 0.234 | 1.660 | 2.366 | 0.157 |
| 1127.00 | 0.241 | 1.739 | 2.366 | 0.157 |
| 1128.00 | 0.234 | 1.660 | 2.366 | 0.157 |
| 1129.00 | 0.234 | 1.739 | 2.366 | 0.157 |
| 1130.00 | 0.234 | 1.660 | 2.366 | 0.126 |
| 1131.00 | 0.241 | 1.739 | 2.366 | 0.157 |
| 1132.00 | 0.234 | 1.660 | 2.366 | 0.157 |
| 1133.00 | 0.234 | 1.660 | 2.366 | 0.126 |
| 1134.00 | 0.234 | 1.660 | 2.366 | 0.126 |
| 1135.00 | 0.234 | 1.660 | 2.366 | 0.126 |
| 1136.00 | 0.234 | 1.739 | 2.366 | 0.126 |
| 1137.00 | 0.234 | 1.739 | 2.366 | 0.126 |
| 1138.00 | 0.234 | 1.660 | 2.334 | 0.126 |
| 1139.00 | 0.234 | 1.660 | 2.334 | 0.126 |
| 1140.00 | 0.228 | 1.660 | 2.366 | 0.126 |
| 1141.00 | 0.234 | 1.739 | 2.366 | 0.126 |
| 1142.00 | 0.234 | 1.660 | 2.366 | 0.126 |
| 1143.00 | 0.234 | 1.660 | 2.366 | 0.157 |
| 1144.00 | 0.228 | 1.660 | 2.334 | 0.126 |
| 1145.00 | 0.234 | 1.660 | 2.334 | 0.126 |
| 1146.00 | 0.228 | 1.739 | 2.334 | 0.126 |
| 1147.00 | 0.228 | 1.660 | 2.366 | 0.126 |
| 1148.00 | 0.228 | 1.739 | 2.334 | 0.126 |
| 1149.00 | 0.228 | 1.660 | 2.366 | 0.126 |
| 1150.00 | 0.228 | 1.660 | 2.334 | 0.126 |
| 1151.00 | 0.228 | 1.660 | 2.334 | 0.126 |
| 1152.00 | 0.228 | 1.660 | 2.334 | 0.126 |
| 1153.00 | 0.228 | 1.660 | 2.334 | 0.126 |
| 1154.00 | 0.228 | 1.660 | 2.366 | 0.126 |
| 1155.00 | 0.228 | 1.660 | 2.334 | 0.126 |
| 1156.00 | 0.228 | 1.660 | 2.334 | 0.126 |
| 1157.00 | 0.222 | 1.660 | 2.366 | 0.126 |
| 1158.00 | 0.222 | 1.660 | 2.366 | 0.126 |
| 1159.00 | 0.222 | 1.660 | 2.334 | 0.126 |
| 1160.00 | 0.222 | 1.660 | 2.334 | 0.126 |
| 1161.00 | 0.222 | 1.660 | 2.334 | 0.126 |



CHM 003 1015

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1162.00 | 0.222 | 1.660 | 2.334 | 0.126 |
| 1163.00 | 0.222 | 1.739 | 2.334 | 0.126 |
| 1164.00 | 0.222 | 1.739 | 2.334 | 0.126 |
| 1165.00 | 0.222 | 1.660 | 2.334 | 0.126 |
| 1166.00 | 0.222 | 1.739 | 2.334 | 0.126 |
| 1167.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1168.00 | 0.222 | 1.660 | 2.334 | 0.126 |
| 1169.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1170.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1171.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1172.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1173.00 | 0.222 | 1.739 | 2.334 | 0.126 |
| 1174.00 | 0.222 | 1.660 | 2.334 | 0.126 |
| 1175.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1176.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1177.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1178.00 | 0.215 | 1.660 | 2.334 | 0.094 |
| 1179.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1180.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1181.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1182.00 | 0.209 | 1.660 | 2.334 | 0.126 |
| 1183.00 | 0.209 | 1.660 | 2.334 | 0.094 |
| 1184.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1185.00 | 0.209 | 1.660 | 2.334 | 0.094 |
| 1186.00 | 0.209 | 1.660 | 2.334 | 0.094 |
| 1187.00 | 0.209 | 1.660 | 2.334 | 0.126 |
| 1188.00 | 0.215 | 1.660 | 2.334 | 0.126 |
| 1189.00 | 0.209 | 1.660 | 2.334 | 0.126 |
| 1190.00 | 0.209 | 1.660 | 2.334 | 0.126 |
| 1191.00 | 0.209 | 1.660 | 2.334 | 0.094 |
| 1192.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1193.00 | 0.209 | 1.660 | 2.334 | 0.126 |
| 1194.00 | 0.209 | 1.660 | 2.334 | 0.126 |
| 1195.00 | 0.209 | 1.660 | 2.334 | 0.094 |
| 1196.00 | 0.209 | 1.660 | 2.334 | 0.094 |
| 1197.00 | 0.209 | 1.660 | 2.334 | 0.126 |
| 1198.00 | 0.202 | 1.660 | 2.303 | 0.094 |
| 1199.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1200.00 | 0.202 | 1.660 | 2.303 | 0.094 |
| 1201.00 | 0.202 | 1.660 | 2.334 | 0.126 |
| 1202.00 | 0.202 | 1.660 | 2.303 | 0.094 |
| 1203.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1204.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1205.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1206.00 | 0.202 | 1.660 | 2.334 | 0.126 |
| 1207.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1208.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1209.00 | 0.202 | 1.660 | 2.303 | 0.094 |
| 1210.00 | 0.202 | 1.660 | 2.334 | 0.094 |
| 1211.00 | 0.202 | 1.660 | 2.303 | 0.094 |
| 1212.00 | 0.196 | 1.660 | 2.334 | 0.094 |
| 1213.00 | 0.196 | 1.660 | 2.334 | 0.094 |
| 1214.00 | 0.196 | 1.660 | 2.334 | 0.094 |
| 1215.00 | 0.202 | 1.660 | 2.334 | 0.094 |



CHM 003 1016

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1216.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1217.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1218.00 | 0.196 | 1.660 | 2.334 | 0.094 |
| 1219.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1220.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1221.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1222.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1223.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1224.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1225.00 | 0.196 | 1.660 | 2.334 | 0.094 |
| 1226.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1227.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1228.00 | 0.196 | 1.660 | 2.303 | 0.094 |
| 1229.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1230.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1231.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1232.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1233.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1234.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1235.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1236.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1237.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1238.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1239.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1240.00 | 0.190 | 1.660 | 2.303 | 0.094 |
| 1241.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1242.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1243.00 | 0.190 | 1.660 | 2.303 | 0.063 |
| 1244.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1245.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1246.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1247.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1248.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1249.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1250.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1251.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1252.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1253.00 | 0.183 | 1.581 | 2.271 | 0.094 |
| 1254.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1255.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1256.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1257.00 | 0.183 | 1.660 | 2.303 | 0.094 |
| 1258.00 | 0.183 | 1.660 | 2.303 | 0.063 |
| 1259.00 | 0.177 | 1.581 | 2.303 | 0.094 |
| 1260.00 | 0.183 | 1.660 | 2.303 | 0.063 |
| 1261.00 | 0.177 | 1.660 | 2.303 | 0.094 |
| 1262.00 | 0.177 | 1.660 | 2.303 | 0.094 |
| 1263.00 | 0.177 | 1.660 | 2.303 | 0.094 |
| 1264.00 | 0.177 | 1.660 | 2.303 | 0.094 |
| 1265.00 | 0.177 | 1.660 | 2.303 | 0.094 |
| 1266.00 | 0.177 | 1.660 | 2.271 | 0.094 |
| 1267.00 | 0.177 | 1.660 | 2.303 | 0.094 |
| 1268.00 | 0.177 | 1.660 | 2.303 | 0.094 |
| 1269.00 | 0.177 | 1.660 | 2.271 | 0.063 |



CHM 003 1017

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1270.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1271.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1272.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1273.00 | 0.171 | 1.660 | 2.271 | 0.063 |
| 1274.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1275.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1276.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1277.00 | 0.171 | 1.660 | 2.271 | 0.063 |
| 1278.00 | 0.171 | 1.660 | 2.271 | 0.063 |
| 1279.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1280.00 | 0.171 | 1.581 | 2.271 | 0.063 |
| 1281.00 | 0.171 | 1.660 | 2.271 | 0.063 |
| 1282.00 | 0.171 | 1.581 | 2.271 | 0.063 |
| 1283.00 | 0.171 | 1.660 | 2.303 | 0.063 |
| 1284.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1285.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1286.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1287.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1288.00 | 0.164 | 1.660 | 2.303 | 0.063 |
| 1289.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1290.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1291.00 | 0.164 | 1.660 | 2.303 | 0.063 |
| 1292.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1293.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1294.00 | 0.164 | 1.581 | 2.303 | 0.063 |
| 1295.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1296.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1297.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1298.00 | 0.164 | 1.660 | 2.303 | 0.063 |
| 1299.00 | 0.164 | 1.660 | 2.303 | 0.063 |
| 1300.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1301.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1302.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1303.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1304.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1305.00 | 0.164 | 1.660 | 2.271 | 0.063 |
| 1306.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1307.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1308.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1309.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1310.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1311.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1312.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1313.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1314.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1315.00 | 0.164 | 1.581 | 2.271 | 0.063 |
| 1316.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1317.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1318.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1319.00 | 0.158 | 1.581 | 2.303 | 0.063 |
| 1320.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1321.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1322.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1323.00 | 0.158 | 1.581 | 2.271 | 0.063 |



CHM 003 1018

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1324.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1325.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1326.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1327.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1328.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1329.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1330.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1331.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1332.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1333.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1334.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1335.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1336.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1337.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1338.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1339.00 | 0.152 | 1.660 | 2.271 | 0.063 |
| 1340.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1341.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1342.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1343.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1344.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1345.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1346.00 | 0.152 | 1.660 | 2.271 | 0.063 |
| 1347.00 | 0.152 | 1.660 | 2.271 | 0.063 |
| 1348.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1349.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1350.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1351.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1352.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1353.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1354.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1355.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1356.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1357.00 | 0.152 | 1.660 | 2.271 | 0.063 |
| 1358.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1359.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1360.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1361.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1362.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1363.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1364.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1365.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1366.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1367.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1368.00 | 0.158 | 1.660 | 2.271 | 0.063 |
| 1369.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1370.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1371.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1372.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1373.00 | 0.158 | 1.581 | 2.271 | 0.063 |
| 1374.00 | 0.152 | 1.581 | 2.271 | 0.063 |
| 1375.00 | 0.152 | 1.581 | 2.271 | 0.063 |



CHM 003 1019

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 4 PUMP ZONE: 78' - 103' IN DMW-11

WELL ID: DMW-2

SE1000B
Environmental Logger
12/01 08:46

Unit# 01010 Test# 0

INPUT 2: Level (F) TOC

Reference 0.00
Scale factor 20.02
Offset - 0.02

Step# 0 11/30 09:12

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.00 |
| 26.0000 | 0.00 |
| 28.0000 | 0.00 |
| 30.0000 | 0.00 |
| 32.0000 | 0.00 |
| 34.0000 | 0.01 |
| 36.0000 | 0.01 |
| 38.0000 | 0.01 |
| 40.0000 | 0.01 |
| 42.0000 | 0.01 |
| 44.0000 | 0.01 |
| 46.0000 | 0.01 |
| 48.0000 | 0.01 |
| 50.0000 | 0.01 |
| 52.0000 | 0.02 |
| 54.0000* | 0.02 |
| 56.0000 | 0.02 |
| 58.0000 | 0.03 |
| 60.0000 | 0.02 |
| 62.0000 | 0.02 |
| 64.0000 | 0.02 |
| 66.0000 | 0.03 |
| 68.0000 | 0.03 |



CHM 003 1020

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.03 |
| 72.0000 | 0.03 |
| 74.0000 | 0.03 |
| 76.0000 | 0.03 |
| 78.0000 | 0.04 |
| 80.0000 | 0.04 |
| 82.0000 | 0.04 |
| 84.0000 | 0.04 |
| 86.0000 | 0.05 |
| 88.0000 | 0.05 |
| 90.0000 | 0.05 |
| 92.0000 | 0.05 |
| 94.0000 | 0.05 |
| 96.0000 | 0.05 |
| 98.0000 | 0.05 |
| 100.000 | 0.05 |
| 102.000 | 0.05 |
| 104.000 | 0.05 |
| 106.000 | 0.05 |
| 108.000 | 0.05 |
| 110.000 | 0.06 |
| 112.000 | 0.05 |
| 114.000 | 0.06 |
| 116.000 | 0.06 |
| 118.000 | 0.06 |
| 120.000 | 0.06 |
| 122.000 | 0.07 |
| 124.000 | 0.07 |
| 126.000 | 0.06 |
| 128.000 | 0.07 |
| 130.000 | 0.06 |
| 132.000 | 0.06 |
| 134.000 | 0.08 |
| 136.000 | 0.08 |
| 138.000 | 0.08 |
| 140.000 | 0.08 |
| 142.000 | 0.08 |
| 144.000 | 0.08 |
| 146.000 | 0.08 |
| 148.000 | 0.09 |
| 150.000 | 0.09 |
| 152.000 | 0.09 |
| 154.000 | 0.08 |
| 156.000 | 0.09 |
| 158.000 | 0.09 |
| 160.000 | 0.09 |
| 162.000 | 0.10 |
| 164.000 | 0.08 |
| 166.000 | 0.08 |
| 168.000 | 0.09 |
| 170.000 | 0.10 |
| 172.000 | 0.09 |
| 174.000 | 0.10 |
| 176.000 | 0.09 |



CHM 003 1021

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.10 |
| 180.000 | 0.10 |
| 182.000 | 0.10 |
| 184.000 | 0.10 |
| 186.000 | 0.10 |
| 188.000 | 0.10 |
| 190.000 | 0.10 |
| 192.000 | 0.10 |
| 194.000 | 0.11 |
| 196.000 | 0.11 |
| 198.000 | 0.11 |
| 200.000 | 0.10 |
| 202.000 | 0.10 |
| 204.000 | 0.10 |
| 206.000 | 0.12 |
| 208.000 | 0.12 |
| 210.000 | 0.12 |
| 212.000 | 0.11 |
| 214.000 | 0.12 |
| 216.000 | 0.12 |
| 218.000 | 0.12 |
| 220.000 | 0.12 |
| 222.000 | 0.12 |
| 224.000 | 0.12 |
| 226.000 | 0.12 |
| 228.000 | 0.12 |
| 230.000 | 0.12 |
| 232.000 | 0.12 |
| 234.000 | 0.12 |
| 236.000 | 0.12 |
| 238.000 | 0.12 |
| 240.000 | 0.12 |
| 242.000 | 0.13 |
| 244.000 | 0.13 |
| 246.000 | 0.13 |
| 248.000 | 0.12 |
| 250.000 | 0.13 |
| 252.000 | 0.12 |
| 254.000 | 0.13 |
| 256.000 | 0.13 |
| 258.000 | 0.13 |
| 260.000 | 0.13 |
| 262.000 | 0.13 |
| 264.000 | 0.13 |
| 266.000 | 0.13 |
| 268.000 | 0.13 |
| 270.000 | 0.13 |
| 272.000 | 0.13 |
| 274.000 | 0.13 |
| 276.000 | 0.13 |
| 278.000 | 0.14 |
| 280.000 | 0.14 |
| 282.000 | 0.13 |
| 284.000 | 0.13 |



CHM 003 1022

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.13 |
| 288.000 | 0.13 |
| 290.000 | 0.14 |
| 292.000 | 0.14 |
| 294.000 | 0.14 |
| 296.000 | 0.14 |
| 298.000 | 0.14 |
| 300.000 | 0.14 |
| 302.000 | 0.14 |
| 304.000 | 0.14 |
| 306.000 | 0.15 |
| 308.000 | 0.14 |
| 310.000 | 0.15 |
| 312.000 | 0.15 |
| 314.000 | 0.15 |
| 316.000 | 0.15 |
| 318.000 | 0.15 |
| 320.000 | 0.15 |
| 322.000 | 0.15 |
| 324.000 | 0.15 |
| 326.000 | 0.15 |
| 328.000 | 0.15 |
| 330.000 | 0.15 |
| 332.000 | 0.15 |
| 334.000 | 0.15 |
| 336.000 | 0.15 |
| 338.000 | 0.15 |
| 340.000 | 0.15 |
| 342.000 | 0.15 |
| 344.000 | 0.15 |
| 346.000 | 0.15 |
| 348.000 | 0.16 |
| 350.000 | 0.15 |
| 352.000 | 0.15 |
| 354.000 | 0.15 |
| 356.000 | 0.15 |
| 358.000 | 0.15 |
| 360.000 | 0.15 |
| 362.000 | 0.15 |
| 364.000 | 0.15 |
| 366.000 | 0.15 |
| 368.000 | 0.15 |
| 370.000 | 0.15 |
| 372.000 | 0.15 |
| 374.000 | 0.15 |
| 376.000 | 0.15 |
| 378.000 | 0.15 |
| 380.000 | 0.15 |
| 382.000 | 0.15 |
| 384.000 | 0.15 |
| 386.000 | 0.15 |
| 388.000 | 0.15 |
| 390.000 | 0.15 |
| 392.000 | 0.15 |



CHM 003 1023

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.15 |
| 396.000 | 0.15 |
| 398.000 | 0.15 |
| 400.000 | 0.15 |
| 402.000 | 0.15 |
| 404.000 | 0.15 |
| 406.000 | 0.15 |
| 408.000 | 0.15 |
| 410.000 | 0.15 |
| 412.000 | 0.15 |
| 414.000 | 0.15 |
| 416.000 | 0.15 |
| 418.000 | 0.15 |
| 420.000 | 0.15 |
| 422.000 | 0.15 |
| 424.000 | 0.15 |
| 426.000 | 0.15 |
| 428.000 | 0.15 |
| 430.000 | 0.15 |
| 432.000 | 0.15 |
| 434.000 | 0.15 |
| 436.000 | 0.15 |
| 438.000 | 0.15 |
| 440.000 | 0.15 |
| 442.000 | 0.15 |
| 444.000 | 0.15 |
| 446.000 | 0.15 |
| 448.000 | 0.15 |
| 450.000 | 0.15 |
| 452.000 | 0.15 |
| 454.000 | 0.15 |
| 456.000 | 0.15 |
| 458.000 | 0.15 |
| 460.000 | 0.16 |
| 462.000 | 0.16 |
| 464.000 | 0.15 |
| 466.000 | 0.16 |
| 468.000 | 0.16 |
| 470.000 | 0.16 |
| 472.000 | 0.16 |
| 474.000 | 0.16 |
| 476.000 | 0.16 |
| 478.000 | 0.15 |
| 480.000 | 0.16 |
| 482.000 | 0.16 |
| 484.000 | 0.16 |
| 486.000 | 0.16 |
| 488.000 | 0.17 |
| 490.000 | 0.16 |
| 492.000 | 0.16 |
| 494.000 | 0.17 |
| 496.000 | 0.17 |
| 498.000 | 0.17 |
| 500.000 | 0.17 |



CHM 003 1024

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.17 |
| 504.000 | 0.17 |
| 506.000 | 0.17 |
| 508.000 | 0.17 |
| 510.000 | 0.17 |
| 512.000 | 0.17 |
| 514.000 | 0.17 |
| 516.000 | 0.17 |
| 518.000 | 0.17 |
| 520.000 | 0.17 |
| 522.000 | 0.17 |
| 524.000 | 0.17 |
| 526.000 | 0.17 |
| 528.000 | 0.17 |
| 530.000 | 0.17 |
| 532.000 | 0.17 |
| 534.000 | 0.17 |
| 536.000 | 0.17 |
| 538.000 | 0.17 |
| 540.000 | 0.17 |
| 542.000 | 0.17 |
| 544.000 | 0.17 |
| 546.000 | 0.17 |
| 548.000 | 0.17 |
| 550.000 | 0.17 |
| 552.000 | 0.17 |
| 554.000 | 0.18 |
| 556.000 | 0.18 |
| 558.000 | 0.18 |
| 560.000 | 0.18 |
| 562.000 | 0.18 |
| 564.000 | 0.18 |
| 566.000 | 0.18 |
| 568.000 | 0.18 |
| 570.000 | 0.18 |
| 572.000 | 0.18 |
| 574.000 | 0.18 |
| 576.000 | 0.18 |
| 578.000 | 0.18 |
| 580.000 | 0.18 |
| 582.000 | 0.18 |
| 584.000 | 0.19 |
| 586.000 | 0.18 |
| 588.000 | 0.18 |
| 590.000 | 0.19 |
| 592.000 | 0.19 |
| 594.000 | 0.19 |
| 596.000 | 0.19 |
| 598.000 | 0.19 |
| 600.000 | 0.19 |
| 602.000 | 0.19 |
| 604.000 | 0.19 |
| 606.000 | 0.19 |
| 608.000 | 0.19 |



CHM 003 1025

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.20 |
| 612.000 | 0.20 |
| 614.000 | 0.20 |
| 616.000 | 0.20 |
| 618.000 | 0.20 |
| 620.000 | 0.20 |
| 622.000 | 0.20 |
| 624.000 | 0.20 |
| 626.000 | 0.20 |
| 628.000 | 0.20 |
| 630.000 | 0.20 |
| 632.000 | 0.20 |
| 634.000 | 0.20 |
| 636.000 | 0.20 |
| 638.000 | 0.20 |
| 640.000 | 0.20 |
| 642.000 | 0.20 |
| 644.000 | 0.20 |
| 646.000 | 0.20 |
| 648.000 | 0.21 |
| 650.000 | 0.21 |
| 652.000 | 0.21 |
| 654.000 | 0.21 |
| 656.000 | 0.21 |
| 658.000 | 0.21 |
| 660.000 | 0.21 |
| 662.000 | 0.21 |
| 664.000 | 0.22 |
| 666.000 | 0.22 |
| 668.000 | 0.22 |
| 670.000 | 0.22 |
| 672.000 | 0.22 |
| 674.000 | 0.22 |
| 676.000 | 0.22 |
| 678.000 | 0.22 |
| 680.000 | 0.22 |
| 682.000 | 0.22 |
| 684.000 | 0.22 |
| 686.000 | 0.22 |
| 688.000 | 0.22 |
| 690.000 | 0.22 |
| 692.000 | 0.22 |
| 694.000 | 0.22 |
| 696.000 | 0.22 |
| 698.000 | 0.22 |
| 700.000 | 0.22 |
| 702.000 | 0.22 |
| 704.000 | 0.22 |
| 706.000 | 0.22 |
| 708.000 | 0.22 |
| 710.000 | 0.22 |
| 712.000 | 0.22 |
| 714.000 | 0.22 |
| 716.000 | 0.22 |



CHM 003 1026

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.22 |
| 720.000 | 0.22 |
| 722.000 | 0.22 |
| 724.000 | 0.22 |
| 726.000 | 0.22 |
| 728.000 | 0.22 |
| 730.000 | 0.22 |
| 732.000 | 0.22 |
| 734.000 | 0.22 |
| 736.000 | 0.22 |
| 738.000 | 0.22 |
| 740.000 | 0.22 |
| 742.000 | 0.22 |
| 744.000 | 0.22 |
| 746.000 | 0.22 |
| 748.000 | 0.22 |
| 750.000 | 0.22 |
| 752.000 | 0.22 |
| 754.000 | 0.22 |
| 756.000 | 0.22 |
| 758.000 | 0.22 |
| 760.000 | 0.22 |
| 762.000 | 0.22 |
| 764.000 | 0.23 |
| 766.000 | 0.23 |
| 768.000 | 0.23 |
| 770.000 | 0.23 |
| 772.000 | 0.23 |
| 774.000 | 0.23 |
| 776.000 | 0.23 |
| 778.000 | 0.23 |
| 780.000 | 0.23 |
| 782.000 | 0.23 |
| 784.000 | 0.23 |
| 786.000 | 0.23 |
| 788.000 | 0.23 |
| 790.000 | 0.23 |
| 792.000 | 0.23 |
| 794.000 | 0.24 |
| 796.000 | 0.23 |
| 798.000 | 0.24 |
| 800.000 | 0.24 |
| 802.000 | 0.24 |
| 804.000 | 0.24 |
| 806.000 | 0.24 |
| 808.000 | 0.23 |
| 810.000 | 0.24 |
| 812.000 | 0.24 |
| 814.000 | 0.24 |
| 816.000 | 0.24 |
| 818.000 | 0.23 |
| 820.000 | 0.24 |
| 822.000 | 0.23 |
| 824.000 | 0.23 |



CHM 003 1027

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.24 |
| 828.000 | 0.24 |
| 830.000 | 0.24 |
| 832.000 | 0.23 |
| 834.000 | 0.23 |
| 836.000 | 0.23 |
| 838.000 | 0.24 |
| 840.000 | 0.24 |
| 842.000 | 0.23 |
| 844.000 | 0.23 |
| 846.000 | 0.23 |
| 848.000 | 0.23 |
| 850.000 | 0.23 |
| 852.000 | 0.23 |
| 854.000 | 0.23 |
| 856.000 | 0.23 |
| 858.000 | 0.23 |
| 860.000 | 0.23 |
| 862.000 | 0.23 |
| 864.000 | 0.23 |
| 866.000 | 0.23 |
| 868.000 | 0.23 |
| 870.000 | 0.23 |
| 872.000 | 0.23 |
| 874.000 | 0.23 |
| 876.000 | 0.22 |
| 878.000 | 0.22 |
| 880.000 | 0.22 |
| 882.000 | 0.23 |
| 884.000 | 0.23 |
| 886.000 | 0.22 |
| 888.000 | 0.22 |
| 890.000 | 0.22 |
| 892.000 | 0.22 |
| 894.000 | 0.22 |
| 896.000 | 0.22 |
| 898.000 | 0.22 |
| 900.000 | 0.22 |
| 902.000 | 0.22 |
| 904.000 | 0.22 |
| 906.000 | 0.22 |
| 908.000 | 0.22 |
| 910.000 | 0.22 |
| 912.000 | 0.22 |
| 914.000 | 0.22 |
| 916.000 | 0.22 |
| 918.000 | 0.22 |
| 920.000 | 0.22 |
| 922.000 | 0.22 |
| 924.000 | 0.22 |
| 926.000 | 0.22 |
| 928.000 | 0.22 |
| 930.000 | 0.22 |
| 932.000 | 0.22 |



CHM 003 1028

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.22 |
| 936.000 | 0.22 |
| 938.000 | 0.22 |
| 940.000 | 0.22 |
| 942.000 | 0.22 |
| 944.000 | 0.22 |
| 946.000 | 0.22 |
| 948.000 | 0.22 |
| 950.000 | 0.21 |
| 952.000 | 0.21 |
| 954.000 | 0.21 |
| 956.000 | 0.21 |
| 958.000 | 0.21 |
| 960.000 | 0.21 |
| 962.000 | 0.21 |
| 964.000 | 0.21 |
| 966.000 | 0.21 |
| 968.000 | 0.21 |
| 970.000 | 0.21 |
| 972.000 | 0.20 |
| 974.000 | 0.20 |
| 976.000 | 0.20 |
| 978.000 | 0.20 |
| 980.000 | 0.20 |
| 982.000 | 0.20 |
| 984.000 | 0.20 |
| 986.000 | 0.20 |
| 988.000 | 0.20 |
| 990.000 | 0.20 |
| 992.000 | 0.20 |
| 994.000 | 0.20 |
| 996.000 | 0.20 |
| 998.000 | 0.20 |
| 1000.00 | 0.20 |
| 1002.00 | 0.20 |
| 1004.00 | 0.20 |
| 1006.00 | 0.20 |
| 1008.00 | 0.20 |
| 1010.00 | 0.19 |
| 1012.00 | 0.19 |
| 1014.00 | 0.19 |
| 1016.00 | 0.19 |
| 1018.00 | 0.19 |
| 1020.00 | 0.19 |
| 1022.00 | 0.18 |
| 1024.00 | 0.18 |
| 1026.00 | 0.18 |
| 1028.00 | 0.18 |
| 1030.00 | 0.18 |
| 1032.00 | 0.18 |
| 1034.00 | 0.18 |
| 1036.00 | 0.18 |
| 1038.00 | 0.18 |
| 1040.00 | 0.18 |



CHM 003 1029

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.18 |
| 1044.00 | 0.18 |
| 1046.00 | 0.18 |
| 1048.00 | 0.18 |
| 1050.00 | 0.18 |
| 1052.00 | 0.17 |
| 1054.00 | 0.17 |
| 1056.00 | 0.17 |
| 1058.00 | 0.17 |
| 1060.00 | 0.17 |
| 1062.00 | 0.17 |
| 1064.00 | 0.17 |
| 1066.00 | 0.17 |
| 1068.00 | 0.17 |
| 1070.00 | 0.17 |
| 1072.00 | 0.16 |
| 1074.00 | 0.16 |
| 1076.00 | 0.16 |
| 1078.00 | 0.16 |
| 1080.00 | 0.16 |
| 1082.00 | 0.16 |
| 1084.00 | 0.16 |
| 1086.00 | 0.15 |
| 1088.00 | 0.15 |
| 1090.00 | 0.15 |
| 1092.00 | 0.15 |
| 1094.00 | 0.15 |
| 1096.00 | 0.15 |
| 1098.00 | 0.15 |
| 1100.00 | 0.15 |
| 1102.00 | 0.15 |
| 1104.00 | 0.15 |
| 1106.00 | 0.15 |
| 1108.00 | 0.15 |
| 1110.00 | 0.15 |
| 1112.00 | 0.15 |
| 1114.00 | 0.14 |
| 1116.00 | 0.14 |
| 1118.00 | 0.14 |
| 1120.00 | 0.14 |
| 1122.00 | 0.14 |
| 1124.00 | 0.13 |
| 1126.00 | 0.14 |
| 1128.00 | 0.13 |
| 1130.00 | 0.13 |
| 1132.00 | 0.13 |
| 1134.00 | 0.13 |
| 1136.00 | 0.13 |
| 1138.00 | 0.13 |
| 1140.00 | 0.13 |
| 1142.00 | 0.13 |
| 1144.00 | 0.13 |
| 1146.00 | 0.13 |
| 1148.00 | 0.13 |



CHM 003 1030

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.12 |
| 1152.00 | 0.12 |
| 1154.00 | 0.12 |
| 1156.00 | 0.12 |
| 1158.00 | 0.12 |
| 1160.00 | 0.12 |
| 1162.00 | 0.12 |
| 1164.00 | 0.12 |
| 1166.00 | 0.12 |
| 1168.00 | 0.12 |
| 1170.00 | 0.12 |
| 1172.00 | 0.12 |
| 1174.00 | 0.12 |
| 1176.00 | 0.12 |
| 1178.00 | 0.11 |
| 1180.00 | 0.11 |
| 1182.00 | 0.11 |
| 1184.00 | 0.11 |
| 1186.00 | 0.11 |
| 1188.00 | 0.11 |
| 1190.00 | 0.11 |
| 1192.00 | 0.11 |
| 1194.00 | 0.11 |
| 1196.00 | 0.10 |
| 1198.00 | 0.10 |
| 1200.00 | 0.10 |
| 1202.00 | 0.10 |
| 1204.00 | 0.10 |
| 1206.00 | 0.10 |
| 1208.00 | 0.10 |
| 1210.00 | 0.10 |
| 1212.00 | 0.10 |
| 1214.00 | 0.10 |
| 1216.00 | 0.10 |
| 1218.00 | 0.10 |
| 1220.00 | 0.10 |
| 1222.00 | 0.09 |
| 1224.00 | 0.09 |
| 1226.00 | 0.09 |
| 1228.00 | 0.09 |
| 1230.00 | 0.09 |
| 1232.00 | 0.09 |
| 1234.00 | 0.09 |
| 1236.00 | 0.09 |
| 1238.00 | 0.09 |
| 1240.00 | 0.09 |
| 1242.00 | 0.09 |
| 1244.00 | 0.08 |
| 1246.00 | 0.08 |
| 1248.00 | 0.08 |
| 1250.00 | 0.08 |
| 1252.00 | 0.08 |
| 1254.00 | 0.08 |
| 1256.00 | 0.08 |



CHM 003 1031

| Elapsed Time | Value |
|---|---|
| 1258.00 | 0.08 |
| 1260.00 | 0.08 |
| 1262.00 | 0.08 |
| 1264.00 | 0.08 |
| 1266.00 | 0.08 |
| 1268.00 | 0.08 |
| 1270.00 | 0.08 |
| 1272.00 | 0.08 |
| 1274.00 | 0.08 |
| 1276.00 | 0.08 |
| 1278.00 | 0.08 |
| 1280.00 | 0.08 |
| 1282.00 | 0.08 |
| 1284.00 | 0.08 |
| 1286.00 | 0.08 |
| 1288.00 | 0.08 |
| 1290.00 | 0.08 |
| 1292.00 | 0.08 |
| 1294.00 | 0.08 |
| 1296.00 | 0.08 |
| 1298.00 | 0.08 |
| 1300.00 | 0.08 |
| 1302.00 | 0.08 |
| 1304.00 | 0.08 |
| 1306.00 | 0.08 |
| 1308.00 | 0.08 |
| 1310.00 | 0.08 |
| 1312.00 | 0.08 |
| 1314.00 | 0.08 |



CHM 003 1032

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 4 PUMP ZONE: 78' - 103' IN DMW-11

WELL ID:

SE2000
Environmental Logger
12/01 08:04

Unit# 436 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 | TW4 | TW3 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 | 0.115 | 0.274 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 | 20.009 | 29.998 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 | 0.091 | -0.084 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 11/30 08:54:05

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 0.0000 | 0.006 | -0.019 | -0.009 | -0.006 | 0.000 | 0.000 |
| 2.0000 | 0.006 | -0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4.0000 | 0.000 | -0.009 | -0.009 | 0.000 | 0.000 | -0.009 |
| 6.0000 | 0.000 | -0.009 | 0.000 | -0.006 | 0.000 | 0.000 |
| 8.0000 | 0.012 | -0.009 | 0.000 | 0.000 | 0.000 | 0.009 |
| 10.0000 | 0.012 | -0.009 | 0.009 | 0.000 | 0.000 | 0.009 |
| 12.0000 | 0.006 | 0.000 | 0.009 | 0.006 | 0.000 | -0.009 |
| 14.0000 | 0.012 | -0.009 | 0.009 | -0.006 | 0.000 | 0.000 |
| 16.0000 | 0.019 | 0.000 | 0.018 | 0.000 | 0.000 | 0.009 |
| 18.0000 | 0.012 | 0.000 | 0.018 | 0.006 | 0.000 | 0.000 |
| 20.0000 | 0.012 | 0.000 | 0.018 | 0.006 | 0.000 | 0.000 |
| 22.0000 | 0.012 | 0.000 | 0.018 | 0.012 | 0.000 | 0.000 |
| 24.0000 | 0.012 | 0.000 | 0.018 | 0.006 | 0.000 | 0.000 |
| 26.0000 | 0.025 | 0.009 | 0.028 | 0.012 | 0.006 | 0.009 |
| 28.0000 | 0.025 | 0.000 | 0.028 | 0.012 | 0.000 | 0.009 |
| 30.0000 | 0.012 | 0.009 | 0.028 | 0.012 | 0.000 | 0.000 |
| 32.0000 | 0.025 | 0.009 | 0.028 | 0.012 | 0.006 | 0.009 |
| 34.0000 | 0.025 | 0.009 | 0.028 | 0.012 | 0.006 | 0.009 |
| 36.0000 | 0.025 | 0.009 | 0.037 | 0.012 | 0.006 | 0.000 |
| 38.0000 | 0.025 | 0.009 | 0.037 | 0.012 | 0.006 | 0.000 |
| 40.0000 | 0.025 | 0.009 | 0.037 | 0.019 | 0.006 | 0.009 |
| 42.0000 | 0.031 | 0.009 | 0.037 | 0.012 | 0.000 | 0.009 |
| 44.0000 | 0.038 | 0.019 | 0.037 | 0.019 | 0.000 | 0.009 |
| 46.0000 | 0.038 | 0.019 | 0.047 | 0.019 | 0.006 | 0.000 |
| 48.0000 | 0.031 | 0.019 | 0.047 | 0.025 | 0.006 | 0.000 |
| 50.0000 | 0.031 | 0.019 | 0.056 | 0.019 | 0.006 | 0.000 |
| 52.0000 | 0.050 | 0.019 | 0.056 | 0.031 | 0.006 | 0.019 |
| 54.0000 | 0.038 | 0.019 | 0.056 | 0.025 | 0.006 | 0.000 |



CHM 003 1033

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 56.0000 | 0.044 | 0.019 | 0.066 | 0.031 | 0.006 | 0.009 |
| 58.0000 | 0.050 | 0.028 | 0.066 | 0.031 | 0.012 | 0.009 |
| 60.0000 | 0.038 | 0.028 | 0.075 | 0.025 | 0.006 | 0.000 |
| 62.0000 | 0.050 | 0.028 | 0.075 | 0.025 | 0.012 | 0.009 |
| 64.0000 | 0.057 | 0.028 | 0.085 | 0.031 | 0.012 | 0.019 |
| 66.0000 | 0.063 | 0.038 | 0.085 | 0.031 | 0.018 | 0.019 |
| 68.0000 | 0.070 | 0.038 | 0.085 | 0.044 | 0.018 | 0.028 |
| 70.0000 | 0.057 | 0.038 | 0.094 | 0.044 | 0.018 | 0.028 |
| 72.0000 | 0.070 | 0.038 | 0.094 | 0.038 | 0.025 | 0.038 |
| 74.0000 | 0.050 | 0.047 | 0.094 | 0.038 | 0.025 | 0.028 |
| 76.0000 | 0.063 | 0.047 | 0.104 | 0.038 | 0.025 | 0.038 |
| 78.0000 | 0.082 | 0.047 | 0.113 | 0.044 | 0.031 | 0.057 |
| 80.0000 | 0.082 | 0.047 | 0.113 | 0.038 | 0.037 | 0.066 |
| 82.0000 | 0.063 | 0.057 | 0.123 | 0.044 | 0.037 | 0.057 |
| 84.0000 | 0.095 | 0.057 | 0.123 | 0.044 | 0.044 | 0.076 |
| 86.0000 | 0.076 | 0.057 | 0.123 | 0.038 | 0.050 | 0.085 |
| 88.0000 | 0.101 | 0.066 | 0.132 | 0.050 | 0.050 | 0.104 |
| 90.0000 | 0.063 | 0.057 | 0.132 | 0.044 | 0.056 | 0.085 |
| 92.0000 | 0.101 | 0.066 | 0.132 | 0.044 | 0.063 | 0.123 |
| 94.0000 | 0.089 | 0.076 | 0.142 | 0.044 | 0.069 | 0.123 |
| 96.0000 | 0.095 | 0.076 | 0.142 | 0.057 | 0.075 | 0.123 |
| 98.0000 | 0.121 | 0.076 | 0.142 | 0.057 | 0.082 | 0.161 |
| 100.000 | 0.108 | 0.085 | 0.142 | 0.044 | 0.088 | 0.161 |
| 102.000 | 0.108 | 0.076 | 0.151 | 0.050 | 0.094 | 0.171 |
| 104.000 | 0.127 | 0.085 | 0.151 | 0.050 | 0.101 | 0.190 |
| 106.000 | 0.121 | 0.085 | 0.161 | 0.057 | 0.107 | 0.190 |
| 108.000 | 0.133 | 0.085 | 0.161 | 0.050 | 0.120 | 0.218 |
| 110.000 | 0.133 | 0.095 | 0.170 | 0.050 | 0.126 | 0.228 |
| 112.000 | 0.127 | 0.095 | 0.180 | 0.057 | 0.139 | 0.218 |
| 114.000 | 0.133 | 0.095 | 0.180 | 0.057 | 0.145 | 0.247 |
| 116.000 | 0.133 | 0.095 | 0.180 | 0.057 | 0.151 | 0.256 |
| 118.000 | 0.140 | 0.104 | 0.180 | 0.057 | 0.164 | 0.266 |
| 120.000 | 0.152 | 0.104 | 0.189 | 0.063 | 0.170 | 0.295 |
| 122.000 | 0.152 | 0.104 | 0.189 | 0.038 | 0.177 | 0.304 |
| 124.000 | 0.127 | 0.104 | 0.189 | 0.057 | 0.189 | 0.314 |
| 126.000 | 0.159 | 0.114 | 0.189 | 0.063 | 0.202 | 0.323 |
| 128.000 | 0.133 | 0.114 | 0.199 | 0.044 | 0.215 | 0.333 |
| 130.000 | 0.121 | 0.114 | 0.208 | 0.044 | 0.227 | 0.333 |
| 132.000 | 0.082 | 0.114 | 0.199 | 0.050 | 0.234 | 0.314 |
| 134.000 | 0.223 | 0.123 | 0.208 | 0.082 | 0.253 | 0.456 |
| 136.000 | 0.184 | 0.123 | 0.208 | 0.063 | 0.259 | 0.409 |
| 138.000 | 0.127 | 0.123 | 0.208 | 0.050 | 0.265 | 0.390 |
| 140.000 | 0.127 | 0.123 | 0.218 | 0.057 | 0.278 | 0.409 |
| 142.000 | 0.140 | 0.133 | 0.218 | 0.057 | 0.291 | 0.428 |
| 144.000 | 0.178 | 0.133 | 0.218 | 0.069 | 0.303 | 0.466 |
| 146.000 | 0.159 | 0.133 | 0.227 | 0.063 | 0.316 | 0.466 |
| 148.000 | 0.152 | 0.133 | 0.227 | 0.057 | 0.329 | 0.475 |
| 150.000 | 0.165 | 0.133 | 0.227 | 0.069 | 0.341 | 0.494 |
| 152.000 | 0.267 | 0.142 | 0.237 | 0.089 | 0.354 | 0.599 |
| 154.000 | 0.261 | 0.142 | 0.237 | 0.069 | 0.367 | 0.590 |
| 156.000 | 0.286 | 0.142 | 0.237 | 0.108 | 0.379 | 0.609 |
| 158.000 | 0.235 | 0.152 | 0.237 | 0.076 | 0.386 | 0.580 |
| 160.000 | 0.114 | 0.142 | 0.237 | 0.044 | 0.398 | 0.494 |
| 162.000 | 0.140 | 0.152 | 0.237 | 0.057 | 0.411 | 0.523 |



CHM 003 1034

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 164.000 | 0.152 | 0.152 | 0.246 | 0.063 | 0.424 | 0.551 |
| 166.000 | 0.261 | 0.161 | 0.246 | 0.095 | 0.443 | 0.656 |
| 168.000 | 0.293 | 0.161 | 0.256 | 0.101 | 0.449 | 0.666 |
| 170.000 | 0.235 | 0.152 | 0.246 | 0.089 | 0.462 | 0.628 |
| 172.000 | 0.235 | 0.161 | 0.256 | 0.069 | 0.474 | 0.647 |
| 174.000 | 0.223 | 0.161 | 0.256 | 0.082 | 0.487 | 0.647 |
| 176.000 | 0.242 | 0.171 | 0.256 | 0.089 | 0.500 | 0.675 |
| 178.000 | 0.223 | 0.161 | 0.256 | 0.089 | 0.512 | 0.666 |
| 180.000 | 0.242 | 0.171 | 0.265 | 0.076 | 0.525 | 0.685 |
| 182.000 | 0.254 | 0.171 | 0.265 | 0.095 | 0.538 | 0.704 |
| 184.000 | 0.248 | 0.180 | 0.275 | 0.095 | 0.550 | 0.713 |
| 186.000 | 0.229 | 0.171 | 0.265 | 0.095 | 0.557 | 0.685 |
| 188.000 | 0.248 | 0.180 | 0.275 | 0.089 | 0.569 | 0.732 |
| 190.000 | 0.248 | 0.180 | 0.275 | 0.082 | 0.582 | 0.732 |
| 192.000 | 0.254 | 0.180 | 0.275 | 0.069 | 0.595 | 0.742 |
| 194.000 | 0.210 | 0.180 | 0.275 | 0.069 | 0.607 | 0.713 |
| 196.000 | 0.152 | 0.180 | 0.275 | 0.063 | 0.614 | 0.656 |
| 198.000 | 0.159 | 0.180 | 0.275 | 0.076 | 0.626 | 0.694 |
| 200.000 | 0.229 | 0.190 | 0.284 | 0.089 | 0.639 | 0.751 |
| 202.000 | 0.318 | 0.190 | 0.284 | 0.114 | 0.652 | 0.837 |
| 204.000 | 0.312 | 0.190 | 0.284 | 0.101 | 0.664 | 0.818 |
| 206.000 | 0.178 | 0.190 | 0.284 | 0.089 | 0.671 | 0.732 |
| 208.000 | 0.235 | 0.190 | 0.284 | 0.069 | 0.683 | 0.780 |
| 210.000 | 0.216 | 0.190 | 0.294 | 0.076 | 0.696 | 0.789 |
| 212.000 | 0.350 | 0.199 | 0.294 | 0.120 | 0.709 | 0.885 |
| 214.000 | 0.312 | 0.199 | 0.294 | 0.108 | 0.721 | 0.856 |
| 216.000 | 0.286 | 0.199 | 0.294 | 0.089 | 0.727 | 0.837 |
| 218.000 | 0.267 | 0.199 | 0.294 | 0.095 | 0.740 | 0.846 |
| 220.000 | 0.267 | 0.199 | 0.294 | 0.095 | 0.753 | 0.837 |
| 222.000 | 0.274 | 0.199 | 0.303 | 0.101 | 0.759 | 0.856 |
| 224.000 | 0.261 | 0.199 | 0.303 | 0.101 | 0.772 | 0.837 |
| 226.000 | 0.274 | 0.209 | 0.303 | 0.095 | 0.778 | 0.866 |
| 228.000 | 0.274 | 0.209 | 0.303 | 0.101 | 0.791 | 0.866 |
| 230.000 | 0.286 | 0.209 | 0.313 | 0.089 | 0.803 | 0.885 |
| 232.000 | 0.203 | 0.199 | 0.303 | 0.076 | 0.810 | 0.799 |
| 234.000 | 0.242 | 0.209 | 0.303 | 0.089 | 0.822 | 0.866 |
| 236.000 | 0.267 | 0.209 | 0.313 | 0.101 | 0.829 | 0.894 |
| 238.000 | 0.293 | 0.218 | 0.313 | 0.114 | 0.841 | 0.923 |
| 240.000 | 0.350 | 0.218 | 0.322 | 0.127 | 0.854 | 0.951 |
| 242.000 | 0.325 | 0.218 | 0.322 | 0.114 | 0.867 | 0.932 |
| 244.000 | 0.299 | 0.218 | 0.313 | 0.101 | 0.873 | 0.923 |
| 246.000 | 0.299 | 0.218 | 0.322 | 0.108 | 0.879 | 0.932 |
| 248.000 | 0.280 | 0.218 | 0.322 | 0.101 | 0.892 | 0.923 |
| 250.000 | 0.299 | 0.218 | 0.322 | 0.114 | 0.905 | 0.932 |
| 252.000 | 0.312 | 0.218 | 0.322 | 0.101 | 0.911 | 0.951 |
| 254.000 | 0.261 | 0.218 | 0.322 | 0.101 | 0.917 | 0.904 |
| 256.000 | 0.293 | 0.228 | 0.322 | 0.108 | 0.930 | 0.961 |
| 258.000 | 0.318 | 0.228 | 0.332 | 0.101 | 0.936 | 0.980 |
| 260.000 | 0.299 | 0.218 | 0.322 | 0.108 | 0.943 | 0.961 |
| 262.000 | 0.318 | 0.218 | 0.322 | 0.114 | 0.949 | 0.980 |
| 264.000 | 0.305 | 0.228 | 0.332 | 0.114 | 0.968 | 0.980 |
| 266.000 | 0.286 | 0.228 | 0.332 | 0.114 | 0.974 | 0.961 |
| 268.000 | 0.305 | 0.228 | 0.332 | 0.108 | 0.987 | 0.970 |
| 270.000 | 0.305 | 0.228 | 0.332 | 0.114 | 0.993 | 0.980 |



CHM 003 1035

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 272.000 | 0.318 | 0.228 | 0.332 | 0.114 | 1.000 | 0.999 |
| 274.000 | 0.318 | 0.237 | 0.341 | 0.114 | 1.012 | 0.989 |
| 276.000 | 0.325 | 0.237 | 0.332 | 0.114 | 1.019 | 1.018 |
| 278.000 | 0.325 | 0.237 | 0.341 | 0.114 | 1.025 | 1.027 |
| 280.000 | 0.331 | 0.237 | 0.341 | 0.108 | 1.038 | 1.027 |
| 282.000 | 0.312 | 0.237 | 0.341 | 0.120 | 1.044 | 1.018 |
| 284.000 | 0.299 | 0.237 | 0.341 | 0.120 | 1.057 | 1.008 |
| 286.000 | 0.325 | 0.237 | 0.341 | 0.120 | 1.057 | 1.037 |
| 288.000 | 0.312 | 0.237 | 0.341 | 0.114 | 1.069 | 1.027 |
| 290.000 | 0.331 | 0.237 | 0.341 | 0.120 | 1.076 | 1.046 |
| 292.000 | 0.331 | 0.247 | 0.351 | 0.114 | 1.082 | 1.046 |
| 294.000 | 0.325 | 0.247 | 0.351 | 0.120 | 1.095 | 1.046 |
| 296.000 | 0.325 | 0.247 | 0.351 | 0.120 | 1.101 | 1.046 |
| 298.000 | 0.325 | 0.247 | 0.351 | 0.127 | 1.107 | 1.056 |
| 300.000 | 0.337 | 0.247 | 0.351 | 0.133 | 1.120 | 1.075 |
| 302.000 | 0.337 | 0.247 | 0.351 | 0.127 | 1.126 | 1.065 |
| 304.000 | 0.337 | 0.247 | 0.351 | 0.127 | 1.133 | 1.075 |
| 306.000 | 0.331 | 0.257 | 0.360 | 0.120 | 1.139 | 1.075 |
| 308.000 | 0.318 | 0.257 | 0.360 | 0.127 | 1.145 | 1.075 |
| 310.000 | 0.337 | 0.247 | 0.360 | 0.127 | 1.152 | 1.094 |
| 312.000 | 0.331 | 0.247 | 0.360 | 0.133 | 1.164 | 1.094 |
| 314.000 | 0.337 | 0.257 | 0.360 | 0.120 | 1.171 | 1.103 |
| 316.000 | 0.344 | 0.257 | 0.360 | 0.133 | 1.177 | 1.113 |
| 318.000 | 0.344 | 0.257 | 0.360 | 0.133 | 1.183 | 1.113 |
| 320.000 | 0.318 | 0.257 | 0.360 | 0.127 | 1.190 | 1.103 |
| 322.000 | 0.331 | 0.257 | 0.370 | 0.133 | 1.196 | 1.113 |
| 324.000 | 0.337 | 0.257 | 0.370 | 0.133 | 1.202 | 1.122 |
| 326.000 | 0.344 | 0.257 | 0.370 | 0.133 | 1.215 | 1.132 |
| 328.000 | 0.350 | 0.257 | 0.370 | 0.139 | 1.221 | 1.132 |
| 330.000 | 0.350 | 0.266 | 0.370 | 0.139 | 1.228 | 1.132 |
| 332.000 | 0.337 | 0.257 | 0.370 | 0.127 | 1.228 | 1.132 |
| 334.000 | 0.350 | 0.266 | 0.370 | 0.139 | 1.240 | 1.141 |
| 336.000 | 0.356 | 0.257 | 0.370 | 0.139 | 1.246 | 1.141 |
| 338.000 | 0.350 | 0.257 | 0.370 | 0.139 | 1.253 | 1.141 |
| 340.000 | 0.344 | 0.257 | 0.370 | 0.139 | 1.253 | 1.151 |
| 342.000 | 0.350 | 0.257 | 0.379 | 0.139 | 1.265 | 1.151 |
| 344.000 | 0.344 | 0.257 | 0.379 | 0.139 | 1.272 | 1.160 |
| 346.000 | 0.350 | 0.266 | 0.370 | 0.146 | 1.278 | 1.160 |
| 348.000 | 0.350 | 0.266 | 0.360 | 0.139 | 1.284 | 1.151 |
| 350.000 | 0.350 | 0.266 | 0.360 | 0.139 | 1.284 | 1.160 |
| 352.000 | 0.344 | 0.266 | 0.360 | 0.152 | 1.291 | 1.160 |
| 354.000 | 0.344 | 0.257 | 0.351 | 0.146 | 1.291 | 1.160 |
| 356.000 | 0.337 | 0.266 | 0.351 | 0.152 | 1.297 | 1.151 |
| 358.000 | 0.337 | 0.266 | 0.341 | 0.146 | 1.297 | 1.160 |
| 360.000 | 0.344 | 0.266 | 0.341 | 0.152 | 1.297 | 1.151 |
| 362.000 | 0.344 | 0.257 | 0.341 | 0.152 | 1.297 | 1.141 |
| 364.000 | 0.344 | 0.257 | 0.332 | 0.152 | 1.297 | 1.141 |
| 366.000 | 0.344 | 0.257 | 0.332 | 0.152 | 1.297 | 1.132 |
| 368.000 | 0.337 | 0.247 | 0.322 | 0.146 | 1.291 | 1.122 |
| 370.000 | 0.331 | 0.257 | 0.322 | 0.152 | 1.291 | 1.113 |
| 372.000 | 0.331 | 0.257 | 0.322 | 0.158 | 1.291 | 1.103 |
| 374.000 | 0.325 | 0.257 | 0.322 | 0.158 | 1.284 | 1.084 |
| 376.000 | 0.325 | 0.257 | 0.322 | 0.158 | 1.284 | 1.075 |
| 378.000 | 0.318 | 0.247 | 0.322 | 0.165 | 1.278 | 1.065 |



CHM 003 1036

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 380.000 | 0.325 | 0.247 | 0.313 | 0.158 | 1.278 | 1.056 |
| 382.000 | 0.318 | 0.247 | 0.313 | 0.158 | 1.278 | 1.037 |
| 384.000 | 0.312 | 0.237 | 0.303 | 0.158 | 1.265 | 1.018 |
| 386.000 | 0.312 | 0.237 | 0.303 | 0.158 | 1.265 | 1.008 |
| 388.000 | 0.312 | 0.237 | 0.313 | 0.158 | 1.259 | 0.999 |
| 390.000 | 0.318 | 0.237 | 0.322 | 0.158 | 1.259 | 0.989 |
| 392.000 | 0.312 | 0.237 | 0.313 | 0.158 | 1.253 | 0.970 |
| 394.000 | 0.312 | 0.237 | 0.322 | 0.165 | 1.246 | 0.951 |
| 396.000 | 0.312 | 0.237 | 0.313 | 0.165 | 1.246 | 0.942 |
| 398.000 | 0.305 | 0.237 | 0.313 | 0.165 | 1.234 | 0.923 |
| 400.000 | 0.299 | 0.237 | 0.313 | 0.165 | 1.234 | 0.913 |
| 402.000 | 0.305 | 0.237 | 0.313 | 0.165 | 1.228 | 0.904 |
| 404.000 | 0.299 | 0.237 | 0.313 | 0.165 | 1.221 | 0.885 |
| 406.000 | 0.299 | 0.237 | 0.303 | 0.165 | 1.215 | 0.875 |
| 408.000 | 0.299 | 0.237 | 0.303 | 0.165 | 1.215 | 0.856 |
| 410.000 | 0.293 | 0.237 | 0.303 | 0.165 | 1.209 | 0.846 |
| 412.000 | 0.293 | 0.237 | 0.303 | 0.165 | 1.202 | 0.837 |
| 414.000 | 0.293 | 0.228 | 0.303 | 0.171 | 1.196 | 0.818 |
| 416.000 | 0.286 | 0.228 | 0.294 | 0.171 | 1.190 | 0.808 |
| 418.000 | 0.280 | 0.228 | 0.294 | 0.171 | 1.183 | 0.799 |
| 420.000 | 0.286 | 0.228 | 0.294 | 0.171 | 1.177 | 0.789 |
| 422.000 | 0.280 | 0.228 | 0.294 | 0.171 | 1.171 | 0.770 |
| 424.000 | 0.274 | 0.228 | 0.294 | 0.171 | 1.164 | 0.761 |
| 426.000 | 0.274 | 0.228 | 0.294 | 0.171 | 1.158 | 0.751 |
| 428.000 | 0.267 | 0.228 | 0.284 | 0.171 | 1.152 | 0.742 |
| 430.000 | 0.267 | 0.228 | 0.284 | 0.171 | 1.145 | 0.732 |
| 432.000 | 0.274 | 0.228 | 0.284 | 0.178 | 1.139 | 0.723 |
| 434.000 | 0.267 | 0.228 | 0.284 | 0.178 | 1.133 | 0.713 |
| 436.000 | 0.261 | 0.228 | 0.284 | 0.171 | 1.126 | 0.704 |
| 438.000 | 0.274 | 0.228 | 0.284 | 0.178 | 1.120 | 0.704 |
| 440.000 | 0.274 | 0.228 | 0.284 | 0.184 | 1.114 | 0.694 |
| 442.000 | 0.267 | 0.228 | 0.275 | 0.171 | 1.107 | 0.685 |
| 444.000 | 0.261 | 0.218 | 0.275 | 0.171 | 1.101 | 0.675 |
| 446.000 | 0.261 | 0.218 | 0.275 | 0.178 | 1.095 | 0.656 |
| 448.000 | 0.254 | 0.218 | 0.275 | 0.178 | 1.088 | 0.647 |
| 450.000 | 0.254 | 0.218 | 0.275 | 0.190 | 1.082 | 0.637 |
| 452.000 | 0.274 | 0.218 | 0.275 | 0.184 | 1.076 | 0.647 |
| 454.000 | 0.254 | 0.218 | 0.275 | 0.184 | 1.063 | 0.628 |
| 456.000 | 0.248 | 0.218 | 0.275 | 0.184 | 1.057 | 0.618 |
| 458.000 | 0.254 | 0.218 | 0.275 | 0.184 | 1.050 | 0.618 |
| 460.000 | 0.248 | 0.218 | 0.275 | 0.184 | 1.044 | 0.599 |
| 462.000 | 0.248 | 0.218 | 0.265 | 0.184 | 1.038 | 0.590 |
| 464.000 | 0.248 | 0.218 | 0.265 | 0.184 | 1.031 | 0.580 |
| 466.000 | 0.261 | 0.218 | 0.265 | 0.197 | 1.025 | 0.599 |
| 468.000 | 0.254 | 0.218 | 0.265 | 0.184 | 1.019 | 0.590 |
| 470.000 | 0.254 | 0.218 | 0.265 | 0.184 | 1.012 | 0.580 |
| 472.000 | 0.267 | 0.218 | 0.265 | 0.190 | 1.006 | 0.580 |
| 474.000 | 0.254 | 0.218 | 0.265 | 0.197 | 1.000 | 0.571 |
| 476.000 | 0.242 | 0.218 | 0.265 | 0.190 | 0.993 | 0.551 |
| 478.000 | 0.235 | 0.209 | 0.265 | 0.190 | 0.987 | 0.542 |
| 480.000 | 0.242 | 0.218 | 0.265 | 0.184 | 0.981 | 0.542 |
| 482.000 | 0.235 | 0.218 | 0.265 | 0.190 | 0.974 | 0.532 |
| 484.000 | 0.248 | 0.209 | 0.256 | 0.190 | 0.968 | 0.532 |
| 486.000 | 0.235 | 0.209 | 0.256 | 0.203 | 0.962 | 0.532 |



CHM 003 1037

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 488.000 | 0.242 | 0.209 | 0.256 | 0.190 | 0.955 | 0.523 |
| 490.000 | 0.235 | 0.209 | 0.256 | 0.190 | 0.949 | 0.523 |
| 492.000 | 0.235 | 0.209 | 0.256 | 0.190 | 0.943 | 0.513 |
| 494.000 | 0.248 | 0.209 | 0.256 | 0.190 | 0.936 | 0.513 |
| 496.000 | 0.229 | 0.209 | 0.256 | 0.197 | 0.930 | 0.504 |
| 498.000 | 0.235 | 0.209 | 0.256 | 0.197 | 0.924 | 0.504 |
| 500.000 | 0.235 | 0.209 | 0.256 | 0.197 | 0.917 | 0.494 |
| 502.000 | 0.229 | 0.209 | 0.256 | 0.197 | 0.911 | 0.485 |
| 504.000 | 0.229 | 0.209 | 0.256 | 0.197 | 0.905 | 0.485 |
| 506.000 | 0.223 | 0.209 | 0.246 | 0.197 | 0.898 | 0.485 |
| 508.000 | 0.229 | 0.209 | 0.246 | 0.203 | 0.898 | 0.475 |
| 510.000 | 0.229 | 0.209 | 0.256 | 0.203 | 0.892 | 0.475 |
| 512.000 | 0.229 | 0.209 | 0.246 | 0.203 | 0.886 | 0.475 |
| 514.000 | 0.242 | 0.209 | 0.246 | 0.203 | 0.879 | 0.466 |
| 516.000 | 0.235 | 0.209 | 0.246 | 0.203 | 0.873 | 0.466 |
| 518.000 | 0.235 | 0.209 | 0.246 | 0.203 | 0.867 | 0.456 |
| 520.000 | 0.229 | 0.209 | 0.246 | 0.203 | 0.860 | 0.456 |
| 522.000 | 0.229 | 0.209 | 0.246 | 0.203 | 0.854 | 0.456 |
| 524.000 | 0.229 | 0.209 | 0.246 | 0.203 | 0.848 | 0.447 |
| 526.000 | 0.229 | 0.209 | 0.246 | 0.209 | 0.848 | 0.447 |
| 528.000 | 0.242 | 0.209 | 0.246 | 0.209 | 0.841 | 0.447 |
| 530.000 | 0.248 | 0.209 | 0.246 | 0.209 | 0.835 | 0.447 |
| 532.000 | 0.242 | 0.209 | 0.246 | 0.209 | 0.829 | 0.437 |
| 534.000 | 0.229 | 0.209 | 0.246 | 0.209 | 0.822 | 0.428 |
| 536.000 | 0.235 | 0.209 | 0.246 | 0.209 | 0.816 | 0.428 |
| 538.000 | 0.235 | 0.209 | 0.246 | 0.209 | 0.816 | 0.428 |
| 540.000 | 0.235 | 0.209 | 0.246 | 0.209 | 0.810 | 0.428 |
| 542.000 | 0.229 | 0.209 | 0.246 | 0.209 | 0.803 | 0.418 |
| 544.000 | 0.223 | 0.209 | 0.246 | 0.209 | 0.797 | 0.418 |
| 546.000 | 0.223 | 0.209 | 0.246 | 0.209 | 0.791 | 0.409 |
| 548.000 | 0.229 | 0.209 | 0.246 | 0.209 | 0.791 | 0.409 |
| 550.000 | 0.229 | 0.209 | 0.246 | 0.209 | 0.784 | 0.409 |
| 552.000 | 0.242 | 0.209 | 0.246 | 0.209 | 0.778 | 0.399 |
| 554.000 | 0.248 | 0.209 | 0.246 | 0.209 | 0.772 | 0.409 |
| 556.000 | 0.248 | 0.209 | 0.246 | 0.209 | 0.765 | 0.409 |
| 558.000 | 0.242 | 0.209 | 0.237 | 0.216 | 0.759 | 0.399 |
| 560.000 | 0.235 | 0.209 | 0.246 | 0.209 | 0.759 | 0.390 |
| 562.000 | 0.216 | 0.209 | 0.237 | 0.216 | 0.753 | 0.390 |
| 564.000 | 0.223 | 0.209 | 0.237 | 0.216 | 0.746 | 0.390 |
| 566.000 | 0.223 | 0.209 | 0.246 | 0.216 | 0.740 | 0.380 |
| 568.000 | 0.229 | 0.209 | 0.246 | 0.216 | 0.740 | 0.380 |
| 570.000 | 0.235 | 0.209 | 0.246 | 0.216 | 0.734 | 0.380 |
| 572.000 | 0.223 | 0.209 | 0.246 | 0.216 | 0.727 | 0.380 |
| 574.000 | 0.223 | 0.209 | 0.237 | 0.216 | 0.721 | 0.380 |
| 576.000 | 0.229 | 0.209 | 0.246 | 0.216 | 0.721 | 0.380 |
| 578.000 | 0.229 | 0.209 | 0.237 | 0.216 | 0.715 | 0.380 |
| 580.000 | 0.229 | 0.209 | 0.237 | 0.216 | 0.709 | 0.371 |
| 582.000 | 0.223 | 0.209 | 0.246 | 0.222 | 0.709 | 0.361 |
| 584.000 | 0.235 | 0.209 | 0.246 | 0.216 | 0.702 | 0.361 |
| 586.000 | 0.235 | 0.209 | 0.246 | 0.222 | 0.696 | 0.361 |
| 588.000 | 0.229 | 0.209 | 0.237 | 0.222 | 0.696 | 0.361 |
| 590.000 | 0.223 | 0.209 | 0.246 | 0.222 | 0.690 | 0.361 |
| 592.000 | 0.216 | 0.209 | 0.237 | 0.222 | 0.683 | 0.352 |
| 594.000 | 0.223 | 0.209 | 0.246 | 0.222 | 0.683 | 0.361 |



CHM 003 1038

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 596.000 | 0.229 | 0.209 | 0.246 | 0.222 | 0.677 | 0.361 |
| 598.000 | 0.229 | 0.209 | 0.237 | 0.222 | 0.677 | 0.352 |
| 600.000 | 0.223 | 0.209 | 0.246 | 0.228 | 0.671 | 0.352 |
| 602.000 | 0.229 | 0.209 | 0.246 | 0.228 | 0.664 | 0.352 |
| 604.000 | 0.235 | 0.209 | 0.246 | 0.228 | 0.664 | 0.352 |
| 606.000 | 0.248 | 0.218 | 0.246 | 0.228 | 0.658 | 0.352 |
| 608.000 | 0.235 | 0.218 | 0.246 | 0.228 | 0.652 | 0.342 |
| 610.000 | 0.229 | 0.218 | 0.246 | 0.228 | 0.652 | 0.342 |
| 612.000 | 0.229 | 0.218 | 0.246 | 0.228 | 0.645 | 0.342 |
| 614.000 | 0.229 | 0.218 | 0.246 | 0.235 | 0.645 | 0.342 |
| 616.000 | 0.235 | 0.218 | 0.246 | 0.228 | 0.639 | 0.342 |
| 618.000 | 0.235 | 0.218 | 0.246 | 0.228 | 0.633 | 0.342 |
| 620.000 | 0.242 | 0.218 | 0.246 | 0.235 | 0.633 | 0.333 |
| 622.000 | 0.242 | 0.218 | 0.246 | 0.228 | 0.626 | 0.342 |
| 624.000 | 0.229 | 0.218 | 0.246 | 0.228 | 0.626 | 0.333 |
| 626.000 | 0.242 | 0.218 | 0.246 | 0.235 | 0.620 | 0.342 |
| 628.000 | 0.235 | 0.218 | 0.246 | 0.235 | 0.614 | 0.333 |
| 630.000 | 0.229 | 0.218 | 0.246 | 0.235 | 0.614 | 0.333 |
| 632.000 | 0.235 | 0.218 | 0.246 | 0.241 | 0.607 | 0.333 |
| 634.000 | 0.242 | 0.218 | 0.246 | 0.235 | 0.607 | 0.323 |
| 636.000 | 0.235 | 0.218 | 0.246 | 0.235 | 0.601 | 0.333 |
| 638.000 | 0.223 | 0.218 | 0.246 | 0.235 | 0.601 | 0.323 |
| 640.000 | 0.235 | 0.218 | 0.246 | 0.228 | 0.595 | 0.323 |
| 642.000 | 0.229 | 0.218 | 0.246 | 0.235 | 0.595 | 0.323 |
| 644.000 | 0.229 | 0.218 | 0.246 | 0.235 | 0.588 | 0.323 |
| 646.000 | 0.229 | 0.218 | 0.246 | 0.235 | 0.588 | 0.314 |
| 648.000 | 0.235 | 0.218 | 0.246 | 0.235 | 0.582 | 0.314 |
| 650.000 | 0.235 | 0.218 | 0.246 | 0.235 | 0.582 | 0.314 |
| 652.000 | 0.235 | 0.228 | 0.246 | 0.235 | 0.576 | 0.314 |
| 654.000 | 0.235 | 0.228 | 0.246 | 0.241 | 0.576 | 0.314 |
| 656.000 | 0.235 | 0.218 | 0.246 | 0.241 | 0.569 | 0.314 |
| 658.000 | 0.235 | 0.228 | 0.246 | 0.241 | 0.569 | 0.304 |
| 660.000 | 0.235 | 0.228 | 0.246 | 0.241 | 0.563 | 0.304 |
| 662.000 | 0.235 | 0.228 | 0.246 | 0.241 | 0.563 | 0.304 |
| 664.000 | 0.235 | 0.228 | 0.246 | 0.241 | 0.557 | 0.304 |
| 666.000 | 0.242 | 0.228 | 0.246 | 0.241 | 0.557 | 0.304 |
| 668.000 | 0.242 | 0.228 | 0.246 | 0.241 | 0.550 | 0.304 |
| 670.000 | 0.235 | 0.228 | 0.246 | 0.241 | 0.550 | 0.304 |
| 672.000 | 0.235 | 0.228 | 0.256 | 0.241 | 0.544 | 0.304 |
| 674.000 | 0.242 | 0.228 | 0.246 | 0.241 | 0.544 | 0.304 |
| 676.000 | 0.242 | 0.228 | 0.256 | 0.247 | 0.538 | 0.304 |
| 678.000 | 0.242 | 0.228 | 0.256 | 0.247 | 0.538 | 0.304 |
| 680.000 | 0.254 | 0.228 | 0.246 | 0.241 | 0.538 | 0.304 |
| 682.000 | 0.254 | 0.228 | 0.246 | 0.247 | 0.531 | 0.304 |
| 684.000 | 0.248 | 0.228 | 0.256 | 0.247 | 0.531 | 0.304 |
| 686.000 | 0.235 | 0.228 | 0.256 | 0.247 | 0.525 | 0.295 |
| 688.000 | 0.242 | 0.228 | 0.256 | 0.247 | 0.525 | 0.304 |
| 690.000 | 0.248 | 0.228 | 0.256 | 0.247 | 0.525 | 0.304 |
| 692.000 | 0.248 | 0.237 | 0.256 | 0.247 | 0.519 | 0.295 |
| 694.000 | 0.242 | 0.237 | 0.256 | 0.247 | 0.519 | 0.295 |
| 696.000 | 0.242 | 0.237 | 0.256 | 0.254 | 0.512 | 0.295 |
| 698.000 | 0.242 | 0.237 | 0.256 | 0.254 | 0.512 | 0.295 |
| 700.000 | 0.242 | 0.237 | 0.256 | 0.254 | 0.506 | 0.285 |
| 702.000 | 0.254 | 0.237 | 0.256 | 0.254 | 0.506 | 0.304 |



CHM 003 1029

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 704.000 | 0.248 | 0.237 | 0.256 | 0.254 | 0.506 | 0.295 |
| 706.000 | 0.254 | 0.237 | 0.256 | 0.254 | 0.500 | 0.304 |
| 708.000 | 0.248 | 0.237 | 0.256 | 0.254 | 0.500 | 0.285 |
| 710.000 | 0.248 | 0.237 | 0.256 | 0.254 | 0.493 | 0.285 |
| 712.000 | 0.248 | 0.237 | 0.256 | 0.254 | 0.493 | 0.285 |
| 714.000 | 0.242 | 0.237 | 0.256 | 0.254 | 0.493 | 0.285 |
| 716.000 | 0.242 | 0.237 | 0.265 | 0.254 | 0.487 | 0.295 |
| 718.000 | 0.248 | 0.237 | 0.256 | 0.260 | 0.487 | 0.295 |
| 720.000 | 0.254 | 0.237 | 0.265 | 0.260 | 0.487 | 0.295 |
| 722.000 | 0.254 | 0.237 | 0.265 | 0.254 | 0.481 | 0.295 |
| 724.000 | 0.254 | 0.247 | 0.265 | 0.260 | 0.481 | 0.295 |
| 726.000 | 0.254 | 0.237 | 0.265 | 0.260 | 0.481 | 0.295 |
| 728.000 | 0.248 | 0.237 | 0.265 | 0.260 | 0.474 | 0.285 |
| 730.000 | 0.248 | 0.237 | 0.265 | 0.260 | 0.474 | 0.285 |
| 732.000 | 0.248 | 0.247 | 0.265 | 0.260 | 0.474 | 0.295 |
| 734.000 | 0.261 | 0.247 | 0.265 | 0.260 | 0.468 | 0.295 |
| 736.000 | 0.254 | 0.247 | 0.265 | 0.260 | 0.468 | 0.295 |
| 738.000 | 0.254 | 0.247 | 0.265 | 0.260 | 0.468 | 0.285 |
| 740.000 | 0.254 | 0.247 | 0.265 | 0.260 | 0.462 | 0.285 |
| 742.000 | 0.261 | 0.247 | 0.265 | 0.260 | 0.462 | 0.285 |
| 744.000 | 0.254 | 0.247 | 0.265 | 0.260 | 0.462 | 0.276 |
| 746.000 | 0.254 | 0.247 | 0.265 | 0.267 | 0.455 | 0.276 |
| 748.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.455 | 0.285 |
| 750.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.455 | 0.285 |
| 752.000 | 0.254 | 0.247 | 0.265 | 0.267 | 0.449 | 0.276 |
| 754.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.449 | 0.285 |
| 756.000 | 0.254 | 0.247 | 0.265 | 0.267 | 0.449 | 0.276 |
| 758.000 | 0.254 | 0.247 | 0.265 | 0.267 | 0.449 | 0.285 |
| 760.000 | 0.254 | 0.247 | 0.265 | 0.267 | 0.443 | 0.285 |
| 762.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.443 | 0.295 |
| 764.000 | 0.267 | 0.247 | 0.265 | 0.267 | 0.443 | 0.304 |
| 766.000 | 0.274 | 0.247 | 0.265 | 0.267 | 0.443 | 0.304 |
| 768.000 | 0.267 | 0.247 | 0.265 | 0.267 | 0.436 | 0.295 |
| 770.000 | 0.254 | 0.247 | 0.265 | 0.267 | 0.436 | 0.295 |
| 772.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.436 | 0.304 |
| 774.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.430 | 0.304 |
| 776.000 | 0.267 | 0.247 | 0.265 | 0.260 | 0.430 | 0.304 |
| 778.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.430 | 0.304 |
| 780.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.424 | 0.304 |
| 782.000 | 0.267 | 0.247 | 0.265 | 0.267 | 0.424 | 0.304 |
| 784.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.424 | 0.304 |
| 786.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.424 | 0.304 |
| 788.000 | 0.261 | 0.247 | 0.275 | 0.267 | 0.424 | 0.304 |
| 790.000 | 0.267 | 0.257 | 0.265 | 0.267 | 0.417 | 0.304 |
| 792.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.417 | 0.295 |
| 794.000 | 0.261 | 0.247 | 0.265 | 0.267 | 0.417 | 0.295 |
| 796.000 | 0.261 | 0.247 | 0.275 | 0.273 | 0.411 | 0.295 |
| 798.000 | 0.267 | 0.257 | 0.265 | 0.267 | 0.411 | 0.295 |
| 800.000 | 0.267 | 0.257 | 0.275 | 0.267 | 0.411 | 0.295 |
| 802.000 | 0.274 | 0.257 | 0.275 | 0.267 | 0.405 | 0.295 |
| 804.000 | 0.267 | 0.257 | 0.265 | 0.273 | 0.411 | 0.295 |
| 806.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.405 | 0.295 |
| 808.000 | 0.261 | 0.257 | 0.275 | 0.273 | 0.405 | 0.285 |
| 810.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.405 | 0.295 |



CHM 003 1040

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 812.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.405 | 0.295 |
| 814.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.405 | 0.285 |
| 816.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.398 | 0.285 |
| 818.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.398 | 0.285 |
| 820.000 | 0.274 | 0.257 | 0.275 | 0.273 | 0.398 | 0.285 |
| 822.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.398 | 0.285 |
| 824.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.392 | 0.285 |
| 826.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.398 | 0.285 |
| 828.000 | 0.267 | 0.257 | 0.275 | 0.273 | 0.392 | 0.285 |
| 830.000 | 0.261 | 0.257 | 0.275 | 0.273 | 0.392 | 0.285 |
| 832.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.392 | 0.285 |
| 834.000 | 0.280 | 0.257 | 0.275 | 0.279 | 0.392 | 0.285 |
| 836.000 | 0.274 | 0.257 | 0.275 | 0.273 | 0.386 | 0.285 |
| 838.000 | 0.267 | 0.257 | 0.275 | 0.279 | 0.386 | 0.285 |
| 840.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.386 | 0.285 |
| 842.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.386 | 0.285 |
| 844.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.379 | 0.285 |
| 846.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.379 | 0.285 |
| 848.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.379 | 0.285 |
| 850.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.379 | 0.276 |
| 852.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.373 | 0.266 |
| 854.000 | 0.261 | 0.257 | 0.275 | 0.279 | 0.373 | 0.266 |
| 856.000 | 0.267 | 0.257 | 0.275 | 0.279 | 0.373 | 0.276 |
| 858.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.373 | 0.266 |
| 860.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.373 | 0.266 |
| 862.000 | 0.280 | 0.257 | 0.275 | 0.279 | 0.367 | 0.276 |
| 864.000 | 0.280 | 0.257 | 0.275 | 0.279 | 0.373 | 0.266 |
| 866.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.367 | 0.266 |
| 868.000 | 0.274 | 0.257 | 0.275 | 0.286 | 0.367 | 0.266 |
| 870.000 | 0.280 | 0.257 | 0.275 | 0.286 | 0.367 | 0.276 |
| 872.000 | 0.280 | 0.257 | 0.275 | 0.279 | 0.367 | 0.276 |
| 874.000 | 0.280 | 0.257 | 0.275 | 0.279 | 0.367 | 0.276 |
| 876.000 | 0.280 | 0.257 | 0.275 | 0.292 | 0.360 | 0.276 |
| 878.000 | 0.280 | 0.257 | 0.275 | 0.286 | 0.360 | 0.276 |
| 880.000 | 0.280 | 0.257 | 0.275 | 0.286 | 0.367 | 0.276 |
| 882.000 | 0.286 | 0.257 | 0.275 | 0.279 | 0.360 | 0.276 |
| 884.000 | 0.280 | 0.257 | 0.275 | 0.279 | 0.360 | 0.276 |
| 886.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.360 | 0.276 |
| 888.000 | 0.267 | 0.257 | 0.275 | 0.279 | 0.360 | 0.266 |
| 890.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.354 | 0.266 |
| 892.000 | 0.267 | 0.257 | 0.275 | 0.279 | 0.354 | 0.266 |
| 894.000 | 0.274 | 0.257 | 0.275 | 0.286 | 0.360 | 0.266 |
| 896.000 | 0.286 | 0.257 | 0.275 | 0.286 | 0.354 | 0.276 |
| 898.000 | 0.274 | 0.257 | 0.275 | 0.286 | 0.354 | 0.266 |
| 900.000 | 0.280 | 0.257 | 0.275 | 0.279 | 0.348 | 0.256 |
| 902.000 | 0.267 | 0.257 | 0.275 | 0.286 | 0.348 | 0.256 |
| 904.000 | 0.274 | 0.257 | 0.275 | 0.286 | 0.354 | 0.266 |
| 906.000 | 0.280 | 0.257 | 0.275 | 0.286 | 0.348 | 0.256 |
| 908.000 | 0.280 | 0.257 | 0.275 | 0.286 | 0.348 | 0.266 |
| 910.000 | 0.267 | 0.257 | 0.275 | 0.286 | 0.348 | 0.256 |
| 912.000 | 0.267 | 0.257 | 0.275 | 0.286 | 0.348 | 0.256 |
| 914.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.348 | 0.247 |
| 916.000 | 0.267 | 0.257 | 0.275 | 0.279 | 0.348 | 0.247 |
| 918.000 | 0.274 | 0.257 | 0.275 | 0.286 | 0.348 | 0.247 |



CHM 003 1041

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 920.000 | 0.267 | 0.257 | 0.275 | 0.286 | 0.341 | 0.247 |
| 922.000 | 0.274 | 0.257 | 0.275 | 0.279 | 0.341 | 0.256 |
| 924.000 | 0.280 | 0.257 | 0.275 | 0.286 | 0.341 | 0.256 |
| 926.000 | 0.280 | 0.257 | 0.275 | 0.286 | 0.341 | 0.247 |
| 928.000 | 0.274 | 0.257 | 0.275 | 0.286 | 0.341 | 0.247 |
| 930.000 | 0.267 | 0.257 | 0.275 | 0.286 | 0.335 | 0.247 |
| 932.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.335 | 0.247 |
| 934.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.335 | 0.247 |
| 936.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.335 | 0.247 |
| 938.000 | 0.274 | 0.257 | 0.265 | 0.286 | 0.335 | 0.247 |
| 940.000 | 0.274 | 0.257 | 0.265 | 0.286 | 0.335 | 0.247 |
| 942.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.335 | 0.247 |
| 944.000 | 0.274 | 0.257 | 0.265 | 0.286 | 0.335 | 0.247 |
| 946.000 | 0.267 | 0.257 | 0.265 | 0.292 | 0.335 | 0.237 |
| 948.000 | 0.274 | 0.257 | 0.265 | 0.286 | 0.335 | 0.247 |
| 950.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.329 | 0.247 |
| 952.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.329 | 0.237 |
| 954.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.329 | 0.247 |
| 956.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.329 | 0.237 |
| 958.000 | 0.267 | 0.257 | 0.265 | 0.286 | 0.329 | 0.237 |
| 960.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.329 | 0.237 |
| 962.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.322 | 0.237 |
| 964.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.322 | 0.237 |
| 966.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.322 | 0.237 |
| 968.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.322 | 0.237 |
| 970.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.322 | 0.247 |
| 972.000 | 0.261 | 0.247 | 0.265 | 0.286 | 0.322 | 0.228 |
| 974.000 | 0.261 | 0.247 | 0.265 | 0.286 | 0.322 | 0.237 |
| 976.000 | 0.261 | 0.247 | 0.265 | 0.286 | 0.322 | 0.228 |
| 978.000 | 0.261 | 0.247 | 0.265 | 0.286 | 0.322 | 0.237 |
| 980.000 | 0.261 | 0.247 | 0.256 | 0.286 | 0.316 | 0.228 |
| 982.000 | 0.261 | 0.247 | 0.256 | 0.286 | 0.316 | 0.237 |
| 984.000 | 0.267 | 0.247 | 0.256 | 0.286 | 0.316 | 0.237 |
| 986.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.316 | 0.237 |
| 988.000 | 0.267 | 0.247 | 0.256 | 0.286 | 0.316 | 0.237 |
| 990.000 | 0.267 | 0.247 | 0.256 | 0.286 | 0.316 | 0.237 |
| 992.000 | 0.267 | 0.247 | 0.265 | 0.286 | 0.316 | 0.237 |
| 994.000 | 0.261 | 0.247 | 0.256 | 0.286 | 0.316 | 0.237 |
| 996.000 | 0.261 | 0.247 | 0.256 | 0.279 | 0.316 | 0.228 |
| 998.000 | 0.261 | 0.247 | 0.256 | 0.279 | 0.316 | 0.228 |
| 1000.00 | 0.261 | 0.247 | 0.256 | 0.279 | 0.310 | 0.228 |
| 1002.00 | 0.261 | 0.247 | 0.256 | 0.286 | 0.310 | 0.228 |
| 1004.00 | 0.261 | 0.237 | 0.256 | 0.279 | 0.310 | 0.228 |
| 1006.00 | 0.261 | 0.247 | 0.256 | 0.286 | 0.310 | 0.228 |
| 1008.00 | 0.261 | 0.247 | 0.256 | 0.279 | 0.310 | 0.228 |
| 1010.00 | 0.261 | 0.237 | 0.256 | 0.279 | 0.310 | 0.228 |
| 1012.00 | 0.254 | 0.237 | 0.256 | 0.279 | 0.310 | 0.228 |
| 1014.00 | 0.261 | 0.237 | 0.256 | 0.279 | 0.310 | 0.228 |
| 1016.00 | 0.254 | 0.237 | 0.256 | 0.279 | 0.310 | 0.218 |
| 1018.00 | 0.261 | 0.237 | 0.256 | 0.279 | 0.303 | 0.228 |
| 1020.00 | 0.254 | 0.237 | 0.256 | 0.279 | 0.303 | 0.218 |
| 1022.00 | 0.254 | 0.237 | 0.246 | 0.279 | 0.303 | 0.228 |
| 1024.00 | 0.254 | 0.237 | 0.246 | 0.279 | 0.303 | 0.228 |
| 1026.00 | 0.254 | 0.237 | 0.246 | 0.279 | 0.303 | 0.218 |



CHM 003 1042

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1028.00 | 0.254 | 0.237 | 0.246 | 0.279 | 0.303 | 0.218 |
| 1030.00 | 0.254 | 0.237 | 0.246 | 0.279 | 0.303 | 0.218 |
| 1032.00 | 0.254 | 0.237 | 0.246 | 0.279 | 0.303 | 0.218 |
| 1034.00 | 0.261 | 0.237 | 0.246 | 0.279 | 0.297 | 0.218 |
| 1036.00 | 0.248 | 0.237 | 0.246 | 0.279 | 0.297 | 0.209 |
| 1038.00 | 0.248 | 0.228 | 0.246 | 0.273 | 0.297 | 0.209 |
| 1040.00 | 0.254 | 0.228 | 0.246 | 0.273 | 0.297 | 0.209 |
| 1042.00 | 0.254 | 0.237 | 0.246 | 0.279 | 0.297 | 0.218 |
| 1044.00 | 0.254 | 0.228 | 0.246 | 0.279 | 0.297 | 0.209 |
| 1046.00 | 0.248 | 0.228 | 0.246 | 0.279 | 0.297 | 0.209 |
| 1048.00 | 0.242 | 0.228 | 0.237 | 0.279 | 0.297 | 0.209 |
| 1050.00 | 0.248 | 0.228 | 0.246 | 0.273 | 0.297 | 0.199 |
| 1052.00 | 0.242 | 0.228 | 0.237 | 0.273 | 0.291 | 0.209 |
| 1054.00 | 0.248 | 0.228 | 0.237 | 0.273 | 0.297 | 0.209 |
| 1056.00 | 0.248 | 0.228 | 0.237 | 0.273 | 0.291 | 0.199 |
| 1058.00 | 0.248 | 0.228 | 0.237 | 0.273 | 0.291 | 0.199 |
| 1060.00 | 0.248 | 0.228 | 0.237 | 0.273 | 0.291 | 0.199 |
| 1062.00 | 0.242 | 0.228 | 0.237 | 0.273 | 0.291 | 0.209 |
| 1064.00 | 0.242 | 0.228 | 0.237 | 0.273 | 0.291 | 0.199 |
| 1066.00 | 0.242 | 0.218 | 0.237 | 0.273 | 0.291 | 0.209 |
| 1068.00 | 0.242 | 0.218 | 0.237 | 0.273 | 0.291 | 0.199 |
| 1070.00 | 0.242 | 0.218 | 0.237 | 0.273 | 0.284 | 0.199 |
| 1072.00 | 0.242 | 0.218 | 0.237 | 0.267 | 0.284 | 0.199 |
| 1074.00 | 0.235 | 0.218 | 0.237 | 0.273 | 0.284 | 0.199 |
| 1076.00 | 0.235 | 0.218 | 0.237 | 0.267 | 0.284 | 0.199 |
| 1078.00 | 0.242 | 0.218 | 0.237 | 0.273 | 0.284 | 0.199 |
| 1080.00 | 0.242 | 0.218 | 0.227 | 0.267 | 0.284 | 0.199 |
| 1082.00 | 0.235 | 0.218 | 0.227 | 0.267 | 0.284 | 0.190 |
| 1084.00 | 0.235 | 0.218 | 0.227 | 0.267 | 0.284 | 0.190 |
| 1086.00 | 0.235 | 0.218 | 0.227 | 0.267 | 0.284 | 0.190 |
| 1088.00 | 0.235 | 0.209 | 0.227 | 0.267 | 0.278 | 0.190 |
| 1090.00 | 0.229 | 0.209 | 0.227 | 0.267 | 0.278 | 0.190 |
| 1092.00 | 0.229 | 0.209 | 0.227 | 0.267 | 0.278 | 0.190 |
| 1094.00 | 0.229 | 0.209 | 0.227 | 0.267 | 0.278 | 0.190 |
| 1096.00 | 0.229 | 0.209 | 0.218 | 0.267 | 0.278 | 0.190 |
| 1098.00 | 0.229 | 0.209 | 0.218 | 0.260 | 0.278 | 0.190 |
| 1100.00 | 0.229 | 0.209 | 0.218 | 0.260 | 0.278 | 0.180 |
| 1102.00 | 0.223 | 0.209 | 0.218 | 0.260 | 0.278 | 0.180 |
| 1104.00 | 0.229 | 0.209 | 0.218 | 0.260 | 0.278 | 0.190 |
| 1106.00 | 0.229 | 0.209 | 0.218 | 0.260 | 0.278 | 0.180 |
| 1108.00 | 0.223 | 0.209 | 0.218 | 0.260 | 0.272 | 0.180 |
| 1110.00 | 0.223 | 0.209 | 0.218 | 0.260 | 0.272 | 0.180 |
| 1112.00 | 0.223 | 0.199 | 0.218 | 0.254 | 0.272 | 0.180 |
| 1114.00 | 0.223 | 0.199 | 0.208 | 0.260 | 0.272 | 0.180 |
| 1116.00 | 0.223 | 0.199 | 0.208 | 0.254 | 0.272 | 0.180 |
| 1118.00 | 0.223 | 0.199 | 0.208 | 0.260 | 0.265 | 0.180 |
| 1120.00 | 0.223 | 0.199 | 0.208 | 0.254 | 0.272 | 0.180 |
| 1122.00 | 0.216 | 0.199 | 0.208 | 0.254 | 0.265 | 0.171 |
| 1124.00 | 0.216 | 0.199 | 0.208 | 0.254 | 0.265 | 0.180 |
| 1126.00 | 0.216 | 0.199 | 0.208 | 0.254 | 0.265 | 0.171 |
| 1128.00 | 0.216 | 0.199 | 0.208 | 0.254 | 0.265 | 0.171 |
| 1130.00 | 0.216 | 0.190 | 0.208 | 0.254 | 0.265 | 0.171 |
| 1132.00 | 0.216 | 0.190 | 0.208 | 0.247 | 0.265 | 0.171 |
| 1134.00 | 0.216 | 0.190 | 0.208 | 0.247 | 0.265 | 0.180 |



CHM 003 1043

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1136.00 | 0.223 | 0.190 | 0.208 | 0.247 | 0.265 | 0.171 |
| 1138.00 | 0.216 | 0.190 | 0.199 | 0.247 | 0.259 | 0.171 |
| 1140.00 | 0.210 | 0.190 | 0.199 | 0.247 | 0.259 | 0.171 |
| 1142.00 | 0.210 | 0.190 | 0.199 | 0.247 | 0.259 | 0.171 |
| 1144.00 | 0.216 | 0.190 | 0.199 | 0.247 | 0.259 | 0.161 |
| 1146.00 | 0.210 | 0.180 | 0.199 | 0.247 | 0.259 | 0.171 |
| 1148.00 | 0.203 | 0.190 | 0.199 | 0.241 | 0.259 | 0.171 |
| 1150.00 | 0.203 | 0.180 | 0.199 | 0.241 | 0.259 | 0.161 |
| 1152.00 | 0.203 | 0.180 | 0.199 | 0.241 | 0.253 | 0.161 |
| 1154.00 | 0.210 | 0.180 | 0.199 | 0.241 | 0.253 | 0.161 |
| 1156.00 | 0.203 | 0.180 | 0.199 | 0.241 | 0.253 | 0.161 |
| 1158.00 | 0.197 | 0.180 | 0.199 | 0.241 | 0.253 | 0.161 |
| 1160.00 | 0.203 | 0.180 | 0.199 | 0.241 | 0.253 | 0.152 |
| 1162.00 | 0.203 | 0.180 | 0.189 | 0.241 | 0.253 | 0.161 |
| 1164.00 | 0.197 | 0.180 | 0.189 | 0.235 | 0.253 | 0.152 |
| 1166.00 | 0.197 | 0.180 | 0.189 | 0.235 | 0.253 | 0.161 |
| 1168.00 | 0.197 | 0.180 | 0.189 | 0.235 | 0.246 | 0.152 |
| 1170.00 | 0.197 | 0.180 | 0.189 | 0.235 | 0.253 | 0.152 |
| 1172.00 | 0.191 | 0.180 | 0.189 | 0.235 | 0.246 | 0.152 |
| 1174.00 | 0.197 | 0.171 | 0.189 | 0.235 | 0.246 | 0.152 |
| 1176.00 | 0.197 | 0.171 | 0.189 | 0.235 | 0.246 | 0.152 |
| 1178.00 | 0.191 | 0.171 | 0.189 | 0.235 | 0.246 | 0.152 |
| 1180.00 | 0.191 | 0.171 | 0.180 | 0.228 | 0.246 | 0.152 |
| 1182.00 | 0.191 | 0.171 | 0.180 | 0.228 | 0.246 | 0.152 |
| 1184.00 | 0.191 | 0.171 | 0.180 | 0.228 | 0.246 | 0.152 |
| 1186.00 | 0.191 | 0.171 | 0.180 | 0.228 | 0.240 | 0.152 |
| 1188.00 | 0.191 | 0.171 | 0.180 | 0.228 | 0.240 | 0.152 |
| 1190.00 | 0.191 | 0.161 | 0.180 | 0.228 | 0.240 | 0.142 |
| 1192.00 | 0.184 | 0.171 | 0.180 | 0.228 | 0.240 | 0.152 |
| 1194.00 | 0.191 | 0.161 | 0.180 | 0.222 | 0.240 | 0.142 |
| 1196.00 | 0.191 | 0.161 | 0.180 | 0.222 | 0.240 | 0.142 |
| 1198.00 | 0.184 | 0.161 | 0.180 | 0.222 | 0.240 | 0.152 |
| 1200.00 | 0.184 | 0.161 | 0.170 | 0.222 | 0.240 | 0.152 |
| 1202.00 | 0.184 | 0.161 | 0.170 | 0.222 | 0.234 | 0.142 |
| 1204.00 | 0.184 | 0.161 | 0.170 | 0.222 | 0.234 | 0.142 |
| 1206.00 | 0.178 | 0.161 | 0.170 | 0.222 | 0.234 | 0.133 |
| 1208.00 | 0.178 | 0.161 | 0.170 | 0.222 | 0.234 | 0.142 |
| 1210.00 | 0.178 | 0.161 | 0.170 | 0.216 | 0.234 | 0.142 |
| 1212.00 | 0.178 | 0.161 | 0.170 | 0.216 | 0.234 | 0.142 |
| 1214.00 | 0.178 | 0.161 | 0.170 | 0.216 | 0.234 | 0.142 |
| 1216.00 | 0.178 | 0.152 | 0.170 | 0.216 | 0.234 | 0.142 |
| 1218.00 | 0.184 | 0.152 | 0.170 | 0.216 | 0.234 | 0.142 |
| 1220.00 | 0.178 | 0.152 | 0.170 | 0.216 | 0.227 | 0.142 |
| 1222.00 | 0.178 | 0.152 | 0.170 | 0.209 | 0.227 | 0.133 |
| 1224.00 | 0.172 | 0.152 | 0.170 | 0.216 | 0.227 | 0.133 |
| 1226.00 | 0.172 | 0.152 | 0.161 | 0.209 | 0.227 | 0.133 |
| 1228.00 | 0.172 | 0.152 | 0.161 | 0.209 | 0.227 | 0.123 |
| 1230.00 | 0.172 | 0.152 | 0.161 | 0.209 | 0.227 | 0.133 |
| 1232.00 | 0.178 | 0.152 | 0.161 | 0.209 | 0.227 | 0.133 |
| 1234.00 | 0.172 | 0.152 | 0.161 | 0.209 | 0.221 | 0.123 |
| 1236.00 | 0.172 | 0.142 | 0.161 | 0.209 | 0.227 | 0.133 |
| 1238.00 | 0.172 | 0.142 | 0.161 | 0.209 | 0.221 | 0.133 |
| 1240.00 | 0.172 | 0.142 | 0.161 | 0.209 | 0.221 | 0.133 |
| 1242.00 | 0.165 | 0.142 | 0.161 | 0.203 | 0.221 | 0.133 |



CHM 003 1044

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1244.00 | 0.172 | 0.142 | 0.161 | 0.203 | 0.221 | 0.133 |
| 1246.00 | 0.165 | 0.142 | 0.151 | 0.203 | 0.221 | 0.123 |
| 1248.00 | 0.172 | 0.142 | 0.151 | 0.203 | 0.221 | 0.123 |
| 1250.00 | 0.159 | 0.142 | 0.151 | 0.203 | 0.215 | 0.123 |
| 1252.00 | 0.165 | 0.142 | 0.151 | 0.203 | 0.215 | 0.123 |
| 1254.00 | 0.165 | 0.142 | 0.151 | 0.203 | 0.221 | 0.123 |
| 1256.00 | 0.178 | 0.133 | 0.151 | 0.203 | 0.215 | 0.123 |
| 1258.00 | 0.159 | 0.133 | 0.151 | 0.197 | 0.215 | 0.123 |
| 1260.00 | 0.159 | 0.133 | 0.151 | 0.197 | 0.215 | 0.123 |
| 1262.00 | 0.159 | 0.133 | 0.151 | 0.197 | 0.215 | 0.114 |
| 1264.00 | 0.159 | 0.133 | 0.151 | 0.190 | 0.215 | 0.114 |
| 1266.00 | 0.152 | 0.133 | 0.151 | 0.190 | 0.215 | 0.114 |
| 1268.00 | 0.152 | 0.133 | 0.151 | 0.197 | 0.208 | 0.114 |
| 1270.00 | 0.152 | 0.133 | 0.151 | 0.190 | 0.208 | 0.114 |
| 1272.00 | 0.159 | 0.133 | 0.151 | 0.190 | 0.208 | 0.114 |
| 1274.00 | 0.152 | 0.133 | 0.142 | 0.190 | 0.208 | 0.114 |
| 1276.00 | 0.152 | 0.133 | 0.151 | 0.190 | 0.208 | 0.114 |
| 1278.00 | 0.152 | 0.133 | 0.151 | 0.190 | 0.208 | 0.114 |
| 1280.00 | 0.152 | 0.133 | 0.142 | 0.190 | 0.208 | 0.114 |
| 1282.00 | 0.146 | 0.133 | 0.142 | 0.184 | 0.208 | 0.114 |
| 1284.00 | 0.146 | 0.123 | 0.142 | 0.184 | 0.202 | 0.114 |
| 1286.00 | 0.146 | 0.123 | 0.142 | 0.184 | 0.202 | 0.114 |
| 1288.00 | 0.146 | 0.123 | 0.142 | 0.184 | 0.202 | 0.104 |
| 1290.00 | 0.146 | 0.123 | 0.142 | 0.184 | 0.202 | 0.104 |
| 1292.00 | 0.146 | 0.123 | 0.142 | 0.184 | 0.202 | 0.114 |
| 1294.00 | 0.146 | 0.123 | 0.142 | 0.184 | 0.202 | 0.104 |
| 1296.00 | 0.152 | 0.123 | 0.142 | 0.178 | 0.202 | 0.104 |
| 1298.00 | 0.146 | 0.123 | 0.142 | 0.184 | 0.202 | 0.104 |
| 1300.00 | 0.140 | 0.123 | 0.142 | 0.178 | 0.196 | 0.104 |
| 1302.00 | 0.146 | 0.123 | 0.142 | 0.178 | 0.196 | 0.104 |
| 1304.00 | 0.140 | 0.123 | 0.142 | 0.178 | 0.196 | 0.104 |
| 1306.00 | 0.140 | 0.123 | 0.142 | 0.178 | 0.196 | 0.104 |
| 1308.00 | 0.146 | 0.123 | 0.142 | 0.178 | 0.196 | 0.114 |
| 1310.00 | 0.146 | 0.123 | 0.142 | 0.178 | 0.196 | 0.104 |
| 1312.00 | 0.140 | 0.123 | 0.142 | 0.178 | 0.196 | 0.104 |
| 1314.00 | 0.146 | 0.123 | 0.142 | 0.171 | 0.196 | 0.114 |
| 1316.00 | 0.140 | 0.123 | 0.142 | 0.178 | 0.196 | 0.114 |
| 1318.00 | 0.140 | 0.123 | 0.142 | 0.171 | 0.196 | 0.104 |
| 1320.00 | 0.140 | 0.123 | 0.132 | 0.178 | 0.189 | 0.114 |
| 1322.00 | 0.140 | 0.123 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1324.00 | 0.140 | 0.123 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1326.00 | 0.140 | 0.114 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1328.00 | 0.146 | 0.123 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1330.00 | 0.146 | 0.114 | 0.132 | 0.171 | 0.189 | 0.114 |
| 1332.00 | 0.140 | 0.114 | 0.132 | 0.171 | 0.189 | 0.114 |
| 1334.00 | 0.140 | 0.123 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1336.00 | 0.146 | 0.123 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1338.00 | 0.146 | 0.123 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1340.00 | 0.146 | 0.114 | 0.132 | 0.171 | 0.183 | 0.114 |
| 1342.00 | 0.146 | 0.123 | 0.142 | 0.171 | 0.189 | 0.114 |
| 1344.00 | 0.146 | 0.114 | 0.142 | 0.165 | 0.189 | 0.123 |
| 1346.00 | 0.146 | 0.114 | 0.132 | 0.165 | 0.189 | 0.114 |
| 1348.00 | 0.146 | 0.114 | 0.142 | 0.165 | 0.183 | 0.114 |



CHM 003 1045

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 4 PUMP ZONE: 78' - 103' IN DMW-11

WELL ID: TW-2

SE1000B
Environmental Logger
12/01 08:25

Unit# 03010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 11/30 09:07

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.01 |
| 2.0000 | -0.01 |
| 4.0000 | -0.01 |
| 6.0000 | -0.02 |
| 8.0000 | -0.02 |
| 10.0000 | -0.03 |
| 12.0000 | -0.03 |
| 14.0000 | -0.03 |
| 16.0000 | -0.03 |
| 18.0000 | -0.04 |
| 20.0000 | -0.04 |
| 22.0000 | -0.04 |
| 24.0000 | -0.03 |
| 26.0000 | -0.03 |
| 28.0000 | -0.00 |
| 30.0000 | 0.02 |
| 32.0000 | 0.05 |
| 34.0000 | 0.07 |
| 36.0000 | 0.10 |
| 38.0000 | 0.15 |
| 40.0000 | 0.19 |
| 42.0000 | 0.25 |
| 44.0000 | 0.30 |
| 46.0000 | 0.35 |
| 48.0000 | 0.40 |
| 50.0000 | 0.44 |
| 52.0000 | 0.49 |
| 54.0000 | 0.55 |
| 56.0000 | 0.60 |
| 58.0000 | 0.67 |
| 60.0000 | 0.74 |
| 62.0000 | 0.79 |
| 64.0000 | 0.86 |
| 66.0000 | 0.91 |
| 68.0000 | 0.96 |

| Elapsed Time | Value |
|---|---|
| 70.0000 | 1.01 |
| 72.0000 | 1.06 |
| 74.0000 | 1.10 |
| 76.0000 | 1.13 |
| 78.0000 | 1.17 |
| 80.0000 | 1.21 |
| 82.0000 | 1.24 |
| 84.0000 | 1.29 |
| 86.0000 | 1.35 |
| 88.0000 | 1.42 |
| 90.0000 | 1.48 |
| 92.0000 | 1.54 |
| 94.0000 | 1.60 |
| 96.0000 | 1.66 |
| 98.0000 | 1.72 |
| 100.000 | 1.76 |
| 102.000 | 1.82 |
| 104.000 | 1.86 |
| 106.000 | 1.89 |
| 108.000 | 1.95 |
| 110.000 | 1.98 |
| 112.000 | 2.02 |
| 114.000 | 2.04 |
| 116.000 | 2.09 |
| 118.000 | 2.13 |
| 120.000 | 2.15 |
| 122.000 | 2.18 |
| 124.000 | 2.21 |
| 126.000 | 2.24 |
| 128.000 | 2.26 |
| 130.000 | 2.28 |
| 132.000 | 2.30 |
| 134.000 | 2.33 |
| 136.000 | 2.35 |
| 138.000 | 2.37 |
| 140.000 | 2.39 |
| 142.000 | 2.40 |
| 144.000 | 2.42 |
| 146.000 | 2.44 |
| 148.000 | 2.46 |
| 150.000 | 2.49 |
| 152.000 | 2.50 |
| 154.000 | 2.53 |
| 156.000 | 2.54 |
| 158.000 | 2.56 |
| 160.000 | 2.57 |
| 162.000 | 2.59 |
| 164.000 | 2.60 |
| 166.000 | 2.61 |
| 168.000 | 2.63 |
| 170.000 | 2.64 |
| 172.000 | 2.66 |
| 174.000 | 2.67 |
| 176.000 | 2.68 |



CHM 003 1047

| Elapsed Time | Value |
|---|---|
| 178.000 | 2.70 |
| 180.000 | 2.70 |
| 182.000 | 2.71 |
| 184.000 | 2.73 |
| 186.000 | 2.74 |
| 188.000 | 2.75 |
| 190.000 | 2.77 |
| 192.000 | 2.77 |
| 194.000 | 2.79 |
| 196.000 | 2.80 |
| 198.000 | 2.82 |
| 200.000 | 2.83 |
| 202.000 | 2.84 |
| 204.000 | 2.85 |
| 206.000 | 2.85 |
| 208.000 | 2.87 |
| 210.000 | 2.87 |
| 212.000 | 2.89 |
| 214.000 | 2.90 |
| 216.000 | 2.90 |
| 218.000 | 2.91 |
| 220.000 | 2.92 |
| 222.000 | 2.94 |
| 224.000 | 2.94 |
| 226.000 | 2.95 |
| 228.000 | 2.96 |
| 230.000 | 2.97 |
| 232.000 | 2.97 |
| 234.000 | 2.99 |
| 236.000 | 2.99 |
| 238.000 | 2.99 |
| 240.000 | 3.01 |
| 242.000 | 3.02 |
| 244.000 | 3.02 |
| 246.000 | 3.04 |
| 248.000 | 3.04 |
| 250.000 | 3.04 |
| 252.000 | 3.06 |
| 254.000 | 3.07 |
| 256.000 | 3.08 |
| 258.000 | 3.08 |
| 260.000 | 3.09 |
| 262.000 | 3.10 |
| 264.000 | 3.10 |
| 266.000 | 3.11 |
| 268.000 | 3.11 |
| 270.000 | 3.13 |
| 272.000 | 3.13 |
| 274.000 | 3.13 |
| 276.000 | 3.14 |
| 278.000 | 3.15 |
| 280.000 | 3.15 |
| 282.000 | 3.16 |
| 284.000 | 3.17 |



CHM 003 1048

| Elapsed Time | Value |
|---|---|
| 286.000 | 3.17 |
| 288.000 | 3.18 |
| 290.000 | 3.19 |
| 292.000 | 3.20 |
| 294.000 | 3.20 |
| 296.000 | 3.21 |
| 298.000 | 3.21 |
| 300.000 | 3.23 |
| 302.000 | 3.23 |
| 304.000 | 3.23 |
| 306.000 | 3.24 |
| 308.000 | 3.25 |
| 310.000 | 3.25 |
| 312.000 | 3.25 |
| 314.000 | 3.26 |
| 316.000 | 3.26 |
| 318.000 | 3.27 |
| 320.000 | 3.27 |
| 322.000 | 3.28 |
| 324.000 | 3.28 |
| 326.000 | 3.27 |
| 328.000 | 3.19 |
| 330.000 | 3.08 |
| 332.000 | 2.95 |
| 334.000 | 2.82 |
| 336.000 | 2.69 |
| 338.000 | 2.56 |
| 340.000 | 2.45 |
| 342.000 | 2.35 |
| 344.000 | 2.25 |
| 346.000 | 2.16 |
| 348.000 | 2.08 |
| 350.000 | 2.00 |
| 352.000 | 1.93 |
| 354.000 | 1.87 |
| 356.000 | 1.81 |
| 358.000 | 1.75 |
| 360.000 | 1.70 |
| 362.000 | 1.65 |
| 364.000 | 1.60 |
| 366.000 | 1.56 |
| 368.000 | 1.53 |
| 370.000 | 1.49 |
| 372.000 | 1.46 |
| 374.000 | 1.42 |
| 376.000 | 1.39 |
| 378.000 | 1.35 |
| 380.000 | 1.32 |
| 382.000 | 1.29 |
| 384.000 | 1.26 |
| 386.000 | 1.23 |
| 388.000 | 1.20 |
| 390.000 | 1.18 |
| 392.000 | 1.16 |



CHM 003 1049

| Elapsed Time | Value |
|---|---|
| 394.000 | 1.14 |
| 396.000 | 1.12 |
| 398.000 | 1.10 |
| 400.000 | 1.08 |
| 402.000 | 1.07 |
| 404.000 | 1.06 |
| 406.000 | 1.04 |
| 408.000 | 1.03 |
| 410.000 | 1.01 |
| 412.000 | 0.99 |
| 414.000 | 0.98 |
| 416.000 | 0.96 |
| 418.000 | 0.95 |
| 420.000 | 0.93 |
| 422.000 | 0.92 |
| 424.000 | 0.91 |
| 426.000 | 0.89 |
| 428.000 | 0.88 |
| 430.000 | 0.87 |
| 432.000 | 0.86 |
| 434.000 | 0.85 |
| 436.000 | 0.84 |
| 438.000 | 0.83 |
| 440.000 | 0.82 |
| 442.000 | 0.80 |
| 444.000 | 0.80 |
| 446.000 | 0.79 |
| 448.000 | 0.78 |
| 450.000 | 0.77 |
| 452.000 | 0.76 |
| 454.000 | 0.76 |
| 456.000 | 0.75 |
| 458.000 | 0.74 |
| 460.000 | 0.74 |
| 462.000 | 0.73 |
| 464.000 | 0.72 |
| 466.000 | 0.72 |
| 468.000 | 0.70 |
| 470.000 | 0.70 |
| 472.000 | 0.69 |
| 474.000 | 0.68 |
| 476.000 | 0.68 |
| 478.000 | 0.67 |
| 480.000 | 0.67 |
| 482.000 | 0.66 |
| 484.000 | 0.65 |
| 486.000 | 0.65 |
| 488.000 | 0.64 |
| 490.000 | 0.63 |
| 492.000 | 0.63 |
| 494.000 | 0.62 |
| 496.000 | 0.61 |
| 498.000 | 0.61 |
| 500.000 | 0.61 |



CHM 003 1050

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.60 |
| 504.000 | 0.60 |
| 506.000 | 0.60 |
| 508.000 | 0.60 |
| 510.000 | 0.59 |
| 512.000 | 0.59 |
| 514.000 | 0.58 |
| 516.000 | 0.58 |
| 518.000 | 0.58 |
| 520.000 | 0.57 |
| 522.000 | 0.56 |
| 524.000 | 0.56 |
| 526.000 | 0.55 |
| 528.000 | 0.55 |
| 530.000 | 0.55 |
| 532.000 | 0.54 |
| 534.000 | 0.54 |
| 536.000 | 0.53 |
| 538.000 | 0.53 |
| 540.000 | 0.53 |
| 542.000 | 0.53 |
| 544.000 | 0.52 |
| 546.000 | 0.51 |
| 548.000 | 0.51 |
| 550.000 | 0.51 |
| 552.000 | 0.51 |
| 554.000 | 0.51 |
| 556.000 | 0.51 |
| 558.000 | 0.50 |
| 560.000 | 0.49 |
| 562.000 | 0.49 |
| 564.000 | 0.49 |
| 566.000 | 0.49 |
| 568.000 | 0.49 |
| 570.000 | 0.48 |
| 572.000 | 0.48 |
| 574.000 | 0.48 |
| 576.000 | 0.48 |
| 578.000 | 0.47 |
| 580.000 | 0.47 |
| 582.000 | 0.47 |
| 584.000 | 0.47 |
| 586.000 | 0.46 |
| 588.000 | 0.46 |
| 590.000 | 0.46 |
| 592.000 | 0.46 |
| 594.000 | 0.46 |
| 596.000 | 0.46 |
| 598.000 | 0.45 |
| 600.000 | 0.45 |
| 602.000 | 0.45 |
| 604.000 | 0.45 |
| 606.000 | 0.45 |
| 608.000 | 0.44 |



CHM 003 1051

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.44 |
| 612.000 | 0.44 |
| 614.000 | 0.44 |
| 616.000 | 0.44 |
| 618.000 | 0.44 |
| 620.000 | 0.43 |
| 622.000 | 0.43 |
| 624.000 | 0.43 |
| 626.000 | 0.43 |
| 628.000 | 0.42 |
| 630.000 | 0.42 |
| 632.000 | 0.42 |
| 634.000 | 0.41 |
| 636.000 | 0.41 |
| 638.000 | 0.41 |
| 640.000 | 0.41 |
| 642.000 | 0.41 |
| 644.000 | 0.41 |
| 646.000 | 0.41 |
| 648.000 | 0.41 |
| 650.000 | 0.41 |
| 652.000 | 0.41 |
| 654.000 | 0.41 |
| 656.000 | 0.41 |
| 658.000 | 0.41 |
| 660.000 | 0.41 |
| 662.000 | 0.40 |
| 664.000 | 0.40 |
| 666.000 | 0.40 |
| 668.000 | 0.40 |
| 670.000 | 0.39 |
| 672.000 | 0.39 |
| 674.000 | 0.39 |
| 676.000 | 0.39 |
| 678.000 | 0.39 |
| 680.000 | 0.39 |
| 682.000 | 0.39 |
| 684.000 | 0.39 |
| 686.000 | 0.39 |
| 688.000 | 0.39 |
| 690.000 | 0.39 |
| 692.000 | 0.39 |
| 694.000 | 0.38 |
| 696.000 | 0.38 |
| 698.000 | 0.38 |
| 700.000 | 0.38 |
| 702.000 | 0.39 |
| 704.000 | 0.39 |
| 706.000 | 0.39 |
| 708.000 | 0.39 |
| 710.000 | 0.39 |
| 712.000 | 0.38 |
| 714.000 | 0.38 |
| 716.000 | 0.38 |



CHM 003 1052

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.37 |
| 720.000 | 0.37 |
| 722.000 | 0.37 |
| 724.000 | 0.37 |
| 726.000 | 0.37 |
| 728.000 | 0.37 |
| 730.000 | 0.37 |
| 732.000 | 0.37 |
| 734.000 | 0.37 |
| 736.000 | 0.37 |
| 738.000 | 0.37 |
| 740.000 | 0.37 |
| 742.000 | 0.37 |
| 744.000 | 0.37 |
| 746.000 | 0.37 |
| 748.000 | 0.38 |
| 750.000 | 0.39 |
| 752.000 | 0.39 |
| 754.000 | 0.39 |
| 756.000 | 0.39 |
| 758.000 | 0.39 |
| 760.000 | 0.39 |
| 762.000 | 0.38 |
| 764.000 | 0.38 |
| 766.000 | 0.38 |
| 768.000 | 0.37 |
| 770.000 | 0.37 |
| 772.000 | 0.37 |
| 774.000 | 0.37 |
| 776.000 | 0.37 |
| 778.000 | 0.37 |
| 780.000 | 0.37 |
| 782.000 | 0.37 |
| 784.000 | 0.37 |
| 786.000 | 0.37 |
| 788.000 | 0.36 |
| 790.000 | 0.36 |
| 792.000 | 0.36 |
| 794.000 | 0.36 |
| 796.000 | 0.36 |
| 798.000 | 0.36 |
| 800.000 | 0.36 |
| 802.000 | 0.36 |
| 804.000 | 0.36 |
| 806.000 | 0.36 |
| 808.000 | 0.36 |
| 810.000 | 0.36 |
| 812.000 | 0.36 |
| 814.000 | 0.36 |
| 816.000 | 0.36 |
| 818.000 | 0.36 |
| 820.000 | 0.36 |
| 822.000 | 0.36 |
| 824.000 | 0.36 |



CHM 003 1053

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.36 |
| 828.000 | 0.36 |
| 830.000 | 0.35 |
| 832.000 | 0.35 |
| 834.000 | 0.35 |
| 836.000 | 0.35 |
| 838.000 | 0.35 |
| 840.000 | 0.35 |
| 842.000 | 0.34 |
| 844.000 | 0.34 |
| 846.000 | 0.34 |
| 848.000 | 0.34 |
| 850.000 | 0.34 |
| 852.000 | 0.35 |
| 854.000 | 0.35 |
| 856.000 | 0.35 |
| 858.000 | 0.35 |
| 860.000 | 0.35 |
| 862.000 | 0.34 |
| 864.000 | 0.34 |
| 866.000 | 0.34 |
| 868.000 | 0.34 |
| 870.000 | 0.34 |
| 872.000 | 0.34 |
| 874.000 | 0.34 |
| 876.000 | 0.34 |
| 878.000 | 0.34 |
| 880.000 | 0.34 |
| 882.000 | 0.33 |
| 884.000 | 0.33 |
| 886.000 | 0.33 |
| 888.000 | 0.33 |
| 890.000 | 0.33 |
| 892.000 | 0.32 |
| 894.000 | 0.32 |
| 896.000 | 0.32 |
| 898.000 | 0.32 |
| 900.000 | 0.32 |
| 902.000 | 0.33 |
| 904.000 | 0.32 |
| 906.000 | 0.32 |
| 908.000 | 0.32 |
| 910.000 | 0.32 |
| 912.000 | 0.32 |
| 914.000 | 0.32 |
| 916.000 | 0.32 |
| 918.000 | 0.32 |
| 920.000 | 0.32 |
| 922.000 | 0.32 |
| 924.000 | 0.32 |
| 926.000 | 0.32 |
| 928.000 | 0.32 |
| 930.000 | 0.32 |
| 932.000 | 0.32 |



CHM 003 1054

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.32 |
| 936.000 | 0.31 |
| 938.000 | 0.31 |
| 940.000 | 0.31 |
| 942.000 | 0.31 |
| 944.000 | 0.31 |
| 946.000 | 0.30 |
| 948.000 | 0.31 |
| 950.000 | 0.31 |
| 952.000 | 0.31 |
| 954.000 | 0.31 |
| 956.000 | 0.31 |
| 958.000 | 0.31 |
| 960.000 | 0.31 |
| 962.000 | 0.31 |
| 964.000 | 0.30 |
| 966.000 | 0.30 |
| 968.000 | 0.30 |
| 970.000 | 0.30 |
| 972.000 | 0.30 |
| 974.000 | 0.30 |
| 976.000 | 0.30 |
| 978.000 | 0.30 |
| 980.000 | 0.29 |
| 982.000 | 0.29 |
| 984.000 | 0.29 |
| 986.000 | 0.29 |
| 988.000 | 0.29 |
| 990.000 | 0.29 |
| 992.000 | 0.29 |
| 994.000 | 0.29 |
| 996.000 | 0.29 |
| 998.000 | 0.29 |
| 1000.00 | 0.29 |
| 1002.00 | 0.29 |
| 1004.00 | 0.29 |
| 1006.00 | 0.29 |
| 1008.00 | 0.29 |
| 1010.00 | 0.29 |
| 1012.00 | 0.29 |
| 1014.00 | 0.29 |
| 1016.00 | 0.29 |
| 1018.00 | 0.28 |
| 1020.00 | 0.28 |
| 1022.00 | 0.28 |
| 1024.00 | 0.28 |
| 1026.00 | 0.28 |
| 1028.00 | 0.28 |
| 1030.00 | 0.27 |
| 1032.00 | 0.27 |
| 1034.00 | 0.27 |
| 1036.00 | 0.27 |
| 1038.00 | 0.27 |
| 1040.00 | 0.27 |



CHM 003 1055

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.27 |
| 1044.00 | 0.27 |
| 1046.00 | 0.27 |
| 1048.00 | 0.27 |
| 1050.00 | 0.27 |
| 1052.00 | 0.27 |
| 1054.00 | 0.27 |
| 1056.00 | 0.27 |
| 1058.00 | 0.27 |
| 1060.00 | 0.27 |
| 1062.00 | 0.27 |
| 1064.00 | 0.27 |
| 1066.00 | 0.26 |
| 1068.00 | 0.26 |
| 1070.00 | 0.26 |
| 1072.00 | 0.26 |
| 1074.00 | 0.25 |
| 1076.00 | 0.25 |
| 1078.00 | 0.25 |
| 1080.00 | 0.25 |
| 1082.00 | 0.25 |
| 1084.00 | 0.25 |
| 1086.00 | 0.25 |
| 1088.00 | 0.25 |
| 1090.00 | 0.25 |
| 1092.00 | 0.24 |
| 1094.00 | 0.24 |
| 1096.00 | 0.25 |
| 1098.00 | 0.25 |
| 1100.00 | 0.25 |
| 1102.00 | 0.25 |
| 1104.00 | 0.24 |
| 1106.00 | 0.24 |
| 1108.00 | 0.24 |
| 1110.00 | 0.24 |
| 1112.00 | 0.24 |
| 1114.00 | 0.24 |
| 1116.00 | 0.24 |
| 1118.00 | 0.24 |
| 1120.00 | 0.24 |
| 1122.00 | 0.23 |
| 1124.00 | 0.23 |
| 1126.00 | 0.23 |
| 1128.00 | 0.23 |
| 1130.00 | 0.23 |
| 1132.00 | 0.23 |
| 1134.00 | 0.22 |
| 1136.00 | 0.22 |
| 1138.00 | 0.22 |
| 1140.00 | 0.22 |
| 1142.00 | 0.22 |
| 1144.00 | 0.22 |
| 1146.00 | 0.22 |
| 1148.00 | 0.22 |



CHM 003 1056

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.22 |
| 1152.00 | 0.22 |
| 1154.00 | 0.22 |
| 1156.00 | 0.22 |
| 1158.00 | 0.22 |
| 1160.00 | 0.22 |
| 1162.00 | 0.22 |
| 1164.00 | 0.22 |
| 1166.00 | 0.21 |
| 1168.00 | 0.21 |
| 1170.00 | 0.21 |
| 1172.00 | 0.21 |
| 1174.00 | 0.21 |
| 1176.00 | 0.20 |
| 1178.00 | 0.20 |
| 1180.00 | 0.20 |
| 1182.00 | 0.20 |
| 1184.00 | 0.20 |
| 1186.00 | 0.20 |
| 1188.00 | 0.20 |
| 1190.00 | 0.20 |
| 1192.00 | 0.20 |
| 1194.00 | 0.20 |
| 1196.00 | 0.20 |
| 1198.00 | 0.20 |
| 1200.00 | 0.20 |
| 1202.00 | 0.20 |
| 1204.00 | 0.20 |
| 1206.00 | 0.20 |
| 1208.00 | 0.20 |
| 1210.00 | 0.20 |
| 1212.00 | 0.20 |
| 1214.00 | 0.20 |
| 1216.00 | 0.20 |
| 1218.00 | 0.19 |
| 1220.00 | 0.19 |
| 1222.00 | 0.19 |
| 1224.00 | 0.18 |
| 1226.00 | 0.18 |
| 1228.00 | 0.18 |
| 1230.00 | 0.18 |
| 1232.00 | 0.18 |
| 1234.00 | 0.18 |
| 1236.00 | 0.18 |
| 1238.00 | 0.18 |
| 1240.00 | 0.18 |
| 1242.00 | 0.18 |
| 1244.00 | 0.18 |
| 1246.00 | 0.18 |
| 1248.00 | 0.18 |
| 1250.00 | 0.18 |
| 1252.00 | 0.18 |
| 1254.00 | 0.18 |
| 1256.00 | 0.18 |



CHM 003 1057

| Elapsed Time | Value |
|---|---|
| 1258.00 | 0.18 |
| 1260.00 | 0.18 |
| 1262.00 | 0.17 |
| 1264.00 | 0.17 |
| 1266.00 | 0.17 |
| 1268.00 | 0.17 |
| 1270.00 | 0.17 |
| 1272.00 | 0.17 |
| 1274.00 | 0.17 |
| 1276.00 | 0.17 |
| 1278.00 | 0.17 |
| 1280.00 | 0.17 |
| 1282.00 | 0.17 |
| 1284.00 | 0.17 |
| 1286.00 | 0.17 |
| 1288.00 | 0.17 |
| 1290.00 | 0.17 |
| 1292.00 | 0.17 |
| 1294.00 | 0.17 |
| 1296.00 | 0.17 |
| 1298.00 | 0.17 |
| 1300.00 | 0.17 |
| 1302.00 | 0.17 |
| 1304.00 | 0.17 |
| 1306.00 | 0.17 |
| 1308.00 | 0.17 |
| 1310.00 | 0.17 |
| 1312.00 | 0.17 |
| 1314.00 | 0.17 |
| 1316.00 | 0.17 |
| 1318.00 | 0.17 |
| 1320.00 | 0.17 |
| 1322.00 | 0.17 |
| 1324.00 | 0.17 |
| 1326.00 | 0.17 |
| 1328.00 | 0.17 |
| 1330.00 | 0.17 |
| 1332.00 | 0.17 |
| 1334.00 | 0.17 |
| 1336.00 | 0.17 |
| 1338.00 | 0.17 |



CHM 003 1058

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 5-LT PUMP ZONE: 153 - BOTTOM IN DMW-11

WELL ID: C-9

SE1000B
Environmental Logger
12/03 08:41

Unit# 03010 Test# 0

INPUT 2: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 29.98 |
| Offset | - 0.01 |

Step# 0 12/01 09:44

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.01 |
| 26.0000 | 0.01 |
| 28.0000 | 0.01 |
| 30.0000 | 0.01 |
| 32.0000 | 0.01 |
| 34.0000 | 0.01 |
| 36.0000 | 0.01 |
| 38.0000 | 0.02 |
| 40.0000 | 0.02 |
| 42.0000 | 0.02 |
| 44.0000 | 0.02 |
| 46.0000 | 0.02 |
| 48.0000 | 0.02 |
| 50.0000 | 0.02 |
| 52.0000 | 0.02 |
| 54.0000 | 0.02 |
| 56.0000 | 0.03 |
| 58.0000 | 0.03 |
| 60.0000 | 0.04 |
| 62.0000 | 0.03 |
| 64.0000 | 0.03 |
| 66.0000 | 0.02 |
| 68.0000 | 0.02 |

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.02 |
| 72.0000 | 0.02 |
| 74.0000 | 0.02 |
| 76.0000 | 0.02 |
| 78.0000 | 0.01 |
| 80.0000 | 0.01 |
| 82.0000 | 0.01 |
| 84.0000 | 0.02 |
| 86.0000 | 0.02 |
| 88.0000 | 0.02 |
| 90.0000 | 0.02 |
| 92.0000 | 0.02 |
| 94.0000 | 0.02 |
| 96.0000 | 0.02 |
| 98.0000 | 0.02 |
| 100.000 | 0.02 |
| 102.000 | 0.02 |
| 104.000 | 0.02 |
| 106.000 | 0.02 |
| 108.000 | 0.02 |
| 110.000 | 0.01 |
| 112.000 | 0.02 |
| 114.000 | 0.01 |
| 116.000 | 0.01 |
| 118.000 | 0.01 |
| 120.000 | 0.01 |
| 122.000 | 0.01 |
| 124.000 | 0.01 |
| 126.000 | 0.01 |
| 128.000 | 0.01 |
| 130.000 | 0.01 |
| 132.000 | 0.01 |
| 134.000 | 0.01 |
| 136.000 | 0.01 |
| 138.000 | 0.01 |
| 140.000 | 0.00 |
| 142.000 | -0.01 |
| 144.000 | -0.01 |
| 146.000 | -0.02 |
| 148.000 | -0.01 |
| 150.000 | -0.02 |
| 152.000 | -0.02 |
| 154.000 | -0.02 |
| 156.000 | -0.03 |
| 158.000 | -0.02 |
| 160.000 | -0.02 |
| 162.000 | -0.02 |
| 164.000 | -0.02 |
| 166.000 | -0.02 |
| 168.000 | -0.02 |
| 170.000 | -0.02 |
| 172.000 | -0.02 |
| 174.000 | -0.02 |
| 176.000 | -0.02 |



CHM 003 1060

| Elapsed Time | Value |
|---|---|
| 178.000 | -0.02 |
| 180.000 | -0.03 |
| 182.000 | -0.03 |
| 184.000 | -0.04 |
| 186.000 | -0.04 |
| 188.000 | -0.04 |
| 190.000 | -0.04 |
| 192.000 | -0.03 |
| 194.000 | -0.03 |
| 196.000 | -0.02 |
| 198.000 | -0.02 |
| 200.000 | -0.02 |
| 202.000 | -0.01 |
| 204.000 | -0.01 |
| 206.000 | -0.01 |
| 208.000 | -0.01 |
| 210.000 | -0.01 |
| 212.000 | -0.01 |
| 214.000 | -0.00 |
| 216.000 | -0.00 |
| 218.000 | -0.00 |
| 220.000 | -0.00 |
| 222.000 | -0.00 |
| 224.000 | -0.00 |
| 226.000 | 0.00 |
| 228.000 | 0.00 |
| 230.000 | 0.00 |
| 232.000 | 0.00 |
| 234.000 | 0.01 |
| 236.000 | 0.01 |
| 238.000 | 0.03 |
| 240.000 | 0.03 |
| 242.000 | 0.03 |
| 244.000 | 0.03 |
| 246.000 | 0.04 |
| 248.000 | 0.04 |
| 250.000 | 0.04 |
| 252.000 | 0.04 |
| 254.000 | 0.04 |
| 256.000 | 0.05 |
| 258.000 | 0.05 |
| 260.000 | 0.05 |
| 262.000 | 0.06 |
| 264.000 | 0.06 |
| 266.000 | 0.06 |
| 268.000 | 0.06 |
| 270.000 | 0.07 |
| 272.000 | 0.07 |
| 274.000 | 0.07 |
| 276.000 | 0.07 |
| 278.000 | 0.08 |
| 280.000 | 0.08 |
| 282.000 | 0.08 |
| 284.000 | 0.08 |



CHM 003 1061

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.08 |
| 288.000 | 0.08 |
| 290.000 | 0.09 |
| 292.000 | 0.09 |
| 294.000 | 0.09 |
| 296.000 | 0.09 |
| 298.000 | 0.09 |
| 300.000 | 0.09 |
| 302.000 | 0.09 |
| 304.000 | 0.09 |
| 306.000 | 0.09 |
| 308.000 | 0.10 |
| 310.000 | 0.10 |
| 312.000 | 0.10 |
| 314.000 | 0.10 |
| 316.000 | 0.10 |
| 318.000 | 0.10 |
| 320.000 | 0.10 |
| 322.000 | 0.11 |
| 324.000 | 0.11 |
| 326.000 | 0.11 |
| 328.000 | 0.11 |
| 330.000 | 0.11 |
| 332.000 | 0.11 |
| 334.000 | 0.11 |
| 336.000 | 0.11 |
| 338.000 | 0.11 |
| 340.000 | 0.11 |
| 342.000 | 0.11 |
| 344.000 | 0.11 |
| 346.000 | 0.12 |
| 348.000 | 0.11 |
| 350.000 | 0.12 |
| 352.000 | 0.12 |
| 354.000 | 0.12 |
| 356.000 | 0.12 |
| 358.000 | 0.12 |
| 360.000 | 0.12 |
| 362.000 | 0.12 |
| 364.000 | 0.12 |
| 366.000 | 0.13 |
| 368.000 | 0.12 |
| 370.000 | 0.13 |
| 372.000 | 0.13 |
| 374.000 | 0.13 |
| 376.000 | 0.13 |
| 378.000 | 0.13 |
| 380.000 | 0.13 |
| 382.000 | 0.13 |
| 384.000 | 0.13 |
| 386.000 | 0.13 |
| 388.000 | 0.13 |
| 390.000 | 0.13 |
| 392.000 | 0.13 |



CHM 003 1062

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.13 |
| 396.000 | 0.13 |
| 398.000 | 0.13 |
| 400.000 | 0.13 |
| 402.000 | 0.13 |
| 404.000 | 0.14 |
| 406.000 | 0.14 |
| 408.000 | 0.14 |
| 410.000 | 0.14 |
| 412.000 | 0.14 |
| 414.000 | 0.14 |
| 416.000 | 0.14 |
| 418.000 | 0.14 |
| 420.000 | 0.14 |
| 422.000 | 0.14 |
| 424.000 | 0.14 |
| 426.000 | 0.14 |
| 428.000 | 0.14 |
| 430.000 | 0.14 |
| 432.000 | 0.14 |
| 434.000 | 0.14 |
| 436.000 | 0.14 |
| 438.000 | 0.15 |
| 440.000 | 0.15 |
| 442.000 | 0.15 |
| 444.000 | 0.15 |
| 446.000 | 0.14 |
| 448.000 | 0.15 |
| 450.000 | 0.15 |
| 452.000 | 0.15 |
| 454.000 | 0.15 |
| 456.000 | 0.15 |
| 458.000 | 0.15 |
| 460.000 | 0.15 |
| 462.000 | 0.15 |
| 464.000 | 0.15 |
| 466.000 | 0.15 |
| 468.000 | 0.16 |
| 470.000 | 0.16 |
| 472.000 | 0.16 |
| 474.000 | 0.16 |
| 476.000 | 0.16 |
| 478.000 | 0.16 |
| 480.000 | 0.16 |
| 482.000 | 0.16 |
| 484.000 | 0.17 |
| 486.000 | 0.17 |
| 488.000 | 0.17 |
| 490.000 | 0.17 |
| 492.000 | 0.17 |
| 494.000 | 0.17 |
| 496.000 | 0.17 |
| 498.000 | 0.17 |
| 500.000 | 0.17 |

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.17 |
| 504.000 | 0.17 |
| 506.000 | 0.17 |
| 508.000 | 0.18 |
| 510.000 | 0.18 |
| 512.000 | 0.18 |
| 514.000 | 0.18 |
| 516.000 | 0.18 |
| 518.000 | 0.18 |
| 520.000 | 0.18 |
| 522.000 | 0.19 |
| 524.000 | 0.18 |
| 526.000 | 0.18 |
| 528.000 | 0.19 |
| 530.000 | 0.19 |
| 532.000 | 0.20 |
| 534.000 | 0.20 |
| 536.000 | 0.21 |
| 538.000 | 0.21 |
| 540.000 | 0.21 |
| 542.000 | 0.21 |
| 544.000 | 0.22 |
| 546.000 | 0.22 |
| 548.000 | 0.22 |
| 550.000 | 0.23 |
| 552.000 | 0.24 |
| 554.000 | 0.24 |
| 556.000 | 0.24 |
| 558.000 | 0.25 |
| 560.000 | 0.25 |
| 562.000 | 0.25 |
| 564.000 | 0.26 |
| 566.000 | 0.26 |
| 568.000 | 0.26 |
| 570.000 | 0.26 |
| 572.000 | 0.26 |
| 574.000 | 0.26 |
| 576.000 | 0.27 |
| 578.000 | 0.27 |
| 580.000 | 0.28 |
| 582.000 | 0.28 |
| 584.000 | 0.28 |
| 586.000 | 0.28 |
| 588.000 | 0.28 |
| 590.000 | 0.29 |
| 592.000 | 0.29 |
| 594.000 | 0.29 |
| 596.000 | 0.29 |
| 598.000 | 0.28 |
| 600.000 | 0.28 |
| 602.000 | 0.27 |
| 604.000 | 0.27 |
| 606.000 | 0.27 |
| 608.000 | 0.27 |



CHM 003 1064

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.27 |
| 612.000 | 0.27 |
| 614.000 | 0.27 |
| 616.000 | 0.28 |
| 618.000 | 0.28 |
| 620.000 | 0.28 |
| 622.000 | 0.29 |
| 624.000 | 0.29 |
| 626.000 | 0.29 |
| 628.000 | 0.29 |
| 630.000 | 0.29 |
| 632.000 | 0.29 |
| 634.000 | 0.29 |
| 636.000 | 0.29 |
| 638.000 | 0.30 |
| 640.000 | 0.30 |
| 642.000 | 0.30 |
| 644.000 | 0.30 |
| 646.000 | 0.30 |
| 648.000 | 0.30 |
| 650.000 | 0.30 |
| 652.000 | 0.30 |
| 654.000 | 0.30 |
| 656.000 | 0.30 |
| 658.000 | 0.30 |
| 660.000 | 0.31 |
| 662.000 | 0.30 |
| 664.000 | 0.30 |
| 666.000 | 0.30 |
| 668.000 | 0.31 |
| 670.000 | 0.31 |
| 672.000 | 0.31 |
| 674.000 | 0.31 |
| 676.000 | 0.31 |
| 678.000 | 0.31 |
| 680.000 | 0.30 |
| 682.000 | 0.30 |
| 684.000 | 0.30 |
| 686.000 | 0.29 |
| 688.000 | 0.29 |
| 690.000 | 0.29 |
| 692.000 | 0.29 |
| 694.000 | 0.29 |
| 696.000 | 0.29 |
| 698.000 | 0.28 |
| 700.000 | 0.28 |
| 702.000 | 0.28 |
| 704.000 | 0.28 |
| 706.000 | 0.28 |
| 708.000 | 0.28 |
| 710.000 | 0.28 |
| 712.000 | 0.28 |
| 714.000 | 0.28 |
| 716.000 | 0.29 |



CHM 003 1065

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.29 |
| 720.000 | 0.29 |
| 722.000 | 0.28 |
| 724.000 | 0.28 |
| 726.000 | 0.28 |
| 728.000 | 0.28 |
| 730.000 | 0.28 |
| 732.000 | 0.28 |
| 734.000 | 0.28 |
| 736.000 | 0.28 |
| 738.000 | 0.28 |
| 740.000 | 0.28 |
| 742.000 | 0.28 |
| 744.000 | 0.28 |
| 746.000 | 0.28 |
| 748.000 | 0.28 |
| 750.000 | 0.28 |
| 752.000 | 0.28 |
| 754.000 | 0.28 |
| 756.000 | 0.28 |
| 758.000 | 0.28 |
| 760.000 | 0.28 |
| 762.000 | 0.28 |
| 764.000 | 0.28 |
| 766.000 | 0.28 |
| 768.000 | 0.29 |
| 770.000 | 0.28 |
| 772.000 | 0.28 |
| 774.000 | 0.28 |
| 776.000 | 0.28 |
| 778.000 | 0.29 |
| 780.000 | 0.29 |
| 782.000 | 0.29 |
| 784.000 | 0.29 |
| 786.000 | 0.29 |
| 788.000 | 0.29 |
| 790.000 | 0.29 |
| 792.000 | 0.29 |
| 794.000 | 0.29 |
| 796.000 | 0.29 |
| 798.000 | 0.29 |
| 800.000 | 0.29 |
| 802.000 | 0.29 |
| 804.000 | 0.29 |
| 806.000 | 0.29 |
| 808.000 | 0.30 |
| 810.000 | 0.30 |
| 812.000 | 0.30 |
| 814.000 | 0.30 |
| 816.000 | 0.30 |
| 818.000 | 0.31 |
| 820.000 | 0.31 |
| 822.000 | 0.31 |
| 824.000 | 0.31 |



CHM 003 1066

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.32 |
| 828.000 | 0.32 |
| 830.000 | 0.32 |
| 832.000 | 0.33 |
| 834.000 | 0.33 |
| 836.000 | 0.33 |
| 838.000 | 0.33 |
| 840.000 | 0.33 |
| 842.000 | 0.34 |
| 844.000 | 0.34 |
| 846.000 | 0.34 |
| 848.000 | 0.34 |
| 850.000 | 0.34 |
| 852.000 | 0.34 |
| 854.000 | 0.34 |
| 856.000 | 0.34 |
| 858.000 | 0.34 |
| 860.000 | 0.34 |
| 862.000 | 0.34 |
| 864.000 | 0.35 |
| 866.000 | 0.35 |
| 868.000 | 0.35 |
| 870.000 | 0.35 |
| 872.000 | 0.35 |
| 874.000 | 0.35 |
| 876.000 | 0.35 |
| 878.000 | 0.35 |
| 880.000 | 0.35 |
| 882.000 | 0.35 |
| 884.000 | 0.35 |
| 886.000 | 0.35 |
| 888.000 | 0.35 |
| 890.000 | 0.35 |
| 892.000 | 0.35 |
| 894.000 | 0.35 |
| 896.000 | 0.35 |
| 898.000 | 0.35 |
| 900.000 | 0.35 |
| 902.000 | 0.35 |
| 904.000 | 0.35 |
| 906.000 | 0.35 |
| 908.000 | 0.35 |
| 910.000 | 0.35 |
| 912.000 | 0.35 |
| 914.000 | 0.35 |
| 916.000 | 0.35 |
| 918.000 | 0.35 |
| 920.000 | 0.35 |
| 922.000 | 0.35 |
| 924.000 | 0.35 |
| 926.000 | 0.35 |
| 928.000 | 0.35 |
| 930.000 | 0.35 |
| 932.000 | 0.35 |



CHM 003 1067

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.35 |
| 936.000 | 0.35 |
| 938.000 | 0.35 |
| 940.000 | 0.35 |
| 942.000 | 0.35 |
| 944.000 | 0.35 |
| 946.000 | 0.35 |
| 948.000 | 0.35 |
| 950.000 | 0.35 |
| 952.000 | 0.35 |
| 954.000 | 0.35 |
| 956.000 | 0.35 |
| 958.000 | 0.35 |
| 960.000 | 0.35 |
| 962.000 | 0.35 |
| 964.000 | 0.35 |
| 966.000 | 0.35 |
| 968.000 | 0.35 |
| 970.000 | 0.35 |
| 972.000 | 0.35 |
| 974.000 | 0.35 |
| 976.000 | 0.35 |
| 978.000 | 0.35 |
| 980.000 | 0.35 |
| 982.000 | 0.35 |
| 984.000 | 0.35 |
| 986.000 | 0.35 |
| 988.000 | 0.35 |
| 990.000 | 0.35 |
| 992.000 | 0.35 |
| 994.000 | 0.35 |
| 996.000 | 0.35 |
| 998.000 | 0.35 |
| 1000.00 | 0.35 |
| 1002.00 | 0.35 |
| 1004.00 | 0.35 |
| 1006.00 | 0.35 |
| 1008.00 | 0.35 |
| 1010.00 | 0.35 |
| 1012.00 | 0.35 |
| 1014.00 | 0.35 |
| 1016.00 | 0.35 |
| 1018.00 | 0.35 |
| 1020.00 | 0.35 |
| 1022.00 | 0.35 |
| 1024.00 | 0.35 |
| 1026.00 | 0.35 |
| 1028.00 | 0.35 |
| 1030.00 | 0.35 |
| 1032.00 | 0.35 |
| 1034.00 | 0.35 |
| 1036.00 | 0.35 |
| 1038.00 | 0.34 |
| 1040.00 | 0.35 |



CHM 003 1068

| Elapsed Time | Value |
|---|---|
| 1474.00 | 0.33 |
| 1476.00 | 0.33 |
| 1478.00 | 0.33 |
| 1480.00 | 0.33 |
| 1482.00 | 0.33 |
| 1484.00 | 0.33 |
| 1486.00 | 0.33 |
| 1488.00 | 0.33 |
| 1490.00 | 0.33 |
| 1492.00 | 0.33 |
| 1494.00 | 0.33 |
| 1496.00 | 0.33 |
| 1498.00 | 0.33 |
| 1500.00 | 0.33 |
| 1502.00 | 0.33 |
| 1504.00 | 0.33 |
| 1506.00 | 0.33 |
| 1508.00 | 0.33 |
| 1510.00 | 0.34 |
| 1512.00 | 0.34 |
| 1514.00 | 0.33 |
| 1516.00 | 0.33 |
| 1518.00 | 0.33 |
| 1520.00 | 0.33 |
| 1522.00 | 0.33 |
| 1524.00 | 0.33 |
| 1526.00 | 0.34 |
| 1528.00 | 0.33 |
| 1530.00 | 0.34 |
| 1532.00 | 0.34 |
| 1534.00 | 0.34 |
| 1536.00 | 0.34 |
| 1538.00 | 0.34 |
| 1540.00 | 0.34 |
| 1542.00 | 0.34 |
| 1544.00 | 0.34 |
| 1546.00 | 0.35 |
| 1548.00 | 0.35 |
| 1550.00 | 0.34 |
| 1552.00 | 0.35 |
| 1554.00 | 0.35 |
| 1556.00 | 0.35 |
| 1558.00 | 0.35 |
| 1560.00 | 0.35 |
| 1562.00 | 0.34 |
| 1564.00 | 0.33 |
| 1566.00 | 0.31 |
| 1568.00 | 0.30 |
| 1570.00 | 0.30 |
| 1572.00 | 0.29 |
| 1574.00 | 0.28 |
| 1576.00 | 0.27 |
| 1578.00 | 0.26 |
| 1580.00 | 0.25 |



CHM 003 1073

| Elapsed Time | Value |
|---|---|
| 1582.00 | 0.25 |
| 1584.00 | 0.24 |
| 1586.00 | 0.24 |
| 1588.00 | 0.23 |
| 1590.00 | 0.22 |
| 1592.00 | 0.22 |
| 1594.00 | 0.21 |
| 1596.00 | 0.20 |
| 1598.00 | 0.20 |
| 1600.00 | 0.19 |
| 1602.00 | 0.19 |
| 1604.00 | 0.19 |
| 1606.00 | 0.18 |
| 1608.00 | 0.18 |
| 1610.00 | 0.17 |
| 1612.00 | 0.17 |
| 1614.00 | 0.17 |
| 1616.00 | 0.17 |
| 1618.00 | 0.16 |
| 1620.00 | 0.16 |
| 1622.00 | 0.15 |
| 1624.00 | 0.15 |
| 1626.00 | 0.15 |
| 1628.00 | 0.15 |
| 1630.00 | 0.14 |
| 1632.00 | 0.13 |
| 1634.00 | 0.13 |
| 1636.00 | 0.13 |
| 1638.00 | 0.16 |
| 1640.00 | 0.17 |
| 1642.00 | 0.17 |
| 1644.00 | 0.17 |
| 1646.00 | 0.17 |
| 1648.00 | 0.17 |
| 1650.00 | 0.17 |
| 1652.00 | 0.17 |
| 1654.00 | 0.17 |
| 1656.00 | 0.17 |
| 1658.00 | 0.18 |
| 1660.00 | 0.18 |
| 1662.00 | 0.18 |
| 1664.00 | 0.18 |
| 1666.00 | 0.19 |
| 1668.00 | 0.18 |
| 1670.00 | 0.18 |
| 1672.00 | 0.18 |
| 1674.00 | 0.17 |
| 1676.00 | 0.17 |
| 1678.00 | 0.17 |
| 1680.00 | 0.17 |
| 1682.00 | 0.17 |
| 1684.00 | 0.17 |
| 1686.00 | 0.17 |
| 1688.00 | 0.17 |

| Elapsed Time | Value |
|---|---|
| 1690.00 | 0.17 |
| 1692.00 | 0.16 |
| 1694.00 | 0.17 |
| 1696.00 | 0.17 |
| 1698.00 | 0.19 |
| 1700.00 | 0.19 |
| 1702.00 | 0.19 |
| 1704.00 | 0.20 |
| 1706.00 | 0.21 |
| 1708.00 | 0.20 |
| 1710.00 | 0.20 |
| 1712.00 | 0.22 |
| 1714.00 | 0.21 |
| 1716.00 | 0.20 |
| 1718.00 | 0.19 |
| 1720.00 | 0.19 |
| 1722.00 | 0.18 |
| 1724.00 | 0.17 |
| 1726.00 | 0.17 |
| 1728.00 | 0.17 |
| 1730.00 | 0.18 |
| 1732.00 | 0.18 |
| 1734.00 | 0.17 |
| 1736.00 | 0.17 |
| 1738.00 | 0.16 |
| 1740.00 | 0.16 |
| 1742.00 | 0.15 |
| 1744.00 | 0.15 |
| 1746.00 | 0.15 |
| 1748.00 | 0.14 |
| 1750.00 | 0.14 |
| 1752.00 | 0.14 |
| 1754.00 | 0.13 |
| 1756.00 | 0.13 |
| 1758.00 | 0.13 |
| 1760.00 | 0.13 |
| 1762.00 | 0.13 |
| 1764.00 | 0.12 |
| 1766.00 | 0.12 |
| 1768.00 | 0.12 |
| 1770.00 | 0.12 |
| 1772.00 | 0.12 |
| 1774.00 | 0.12 |
| 1776.00 | 0.11 |
| 1778.00 | 0.11 |
| 1780.00 | 0.11 |
| 1782.00 | 0.11 |
| 1784.00 | 0.11 |
| 1786.00 | 0.10 |
| 1788.00 | 0.10 |
| 1790.00 | 0.10 |
| 1792.00 | 0.10 |
| 1794.00 | 0.09 |
| 1796.00 | 0.09 |

| Elapsed Time | Value |
|---|---|
| 1798.00 | 0.09 |
| 1800.00 | 0.09 |
| 1802.00 | 0.09 |
| 1804.00 | 0.09 |
| 1806.00 | 0.08 |
| 1808.00 | 0.08 |
| 1810.00 | 0.08 |
| 1812.00 | 0.08 |
| 1814.00 | 0.08 |
| 1816.00 | 0.08 |
| 1818.00 | 0.07 |
| 1820.00 | 0.07 |
| 1822.00 | 0.07 |
| 1824.00 | 0.07 |
| 1826.00 | 0.07 |
| 1828.00 | 0.07 |
| 1830.00 | 0.06 |
| 1832.00 | 0.06 |
| 1834.00 | 0.06 |
| 1836.00 | 0.06 |
| 1838.00 | 0.06 |
| 1840.00 | 0.06 |
| 1842.00 | 0.06 |
| 1844.00 | 0.06 |
| 1846.00 | 0.06 |
| 1848.00 | 0.06 |
| 1850.00 | 0.06 |
| 1852.00 | 0.05 |
| 1854.00 | 0.05 |
| 1856.00 | 0.05 |
| 1858.00 | 0.05 |
| 1860.00 | 0.05 |
| 1862.00 | 0.05 |
| 1864.00 | 0.05 |
| 1866.00 | 0.04 |
| 1868.00 | 0.04 |
| 1870.00 | 0.04 |
| 1872.00 | 0.04 |
| 1874.00 | 0.04 |
| 1876.00 | 0.04 |
| 1878.00 | 0.04 |
| 1880.00 | 0.04 |
| 1882.00 | 0.04 |
| 1884.00 | 0.04 |
| 1886.00 | 0.04 |
| 1888.00 | 0.04 |
| 1890.00 | 0.03 |
| 1892.00 | 0.03 |
| 1894.00 | 0.03 |
| 1896.00 | 0.03 |
| 1898.00 | 0.03 |
| 1900.00 | 0.03 |
| 1902.00 | 0.03 |
| 1904.00 | 0.03 |



CHM 003 1076

| Elapsed Time | Value |
|---|---|
| 1906.00 | 0.02 |
| 1908.00 | 0.02 |
| 1910.00 | 0.02 |
| 1912.00 | 0.02 |
| 1914.00 | 0.01 |
| 1916.00 | 0.01 |
| 1918.00 | 0.01 |
| 1920.00 | 0.01 |
| 1922.00 | 0.01 |
| 1924.00 | 0.01 |
| 1926.00 | 0.01 |
| 1928.00 | 0.01 |
| 1930.00 | 0.00 |
| 1932.00 | 0.00 |
| 1934.00 | 0.00 |
| 1936.00 | 0.00 |
| 1938.00 | 0.00 |
| 1940.00 | 0.00 |
| 1942.00 | 0.00 |
| 1944.00 | 0.00 |
| 1946.00 | 0.00 |
| 1948.00 | 0.00 |
| 1950.00 | 0.00 |
| 1952.00 | 0.00 |
| 1954.00 | 0.00 |
| 1956.00 | 0.00 |
| 1958.00 | 0.00 |
| 1960.00 | 0.00 |
| 1962.00 | 0.00 |
| 1964.00 | 0.00 |
| 1966.00 | 0.00 |
| 1968.00 | -0.00 |
| 1970.00 | -0.00 |
| 1972.00 | -0.00 |
| 1974.00 | -0.00 |
| 1976.00 | -0.01 |
| 1978.00 | -0.00 |
| 1980.00 | -0.00 |
| 1982.00 | -0.00 |
| 1984.00 | -0.01 |
| 1986.00 | -0.00 |
| 1988.00 | -0.01 |
| 1990.00 | -0.00 |
| 1992.00 | -0.01 |
| 1994.00 | -0.01 |
| 1996.00 | -0.01 |
| 1998.00 | -0.01 |
| 2000.00 | -0.01 |
| 2002.00 | -0.01 |
| 2004.00 | -0.01 |
| 2006.00 | -0.01 |
| 2008.00 | -0.02 |
| 2010.00 | -0.02 |
| 2012.00 | -0.02 |



CHM 003 1077

| Elapsed Time | Value |
|---|---|
| 2014.00 | -0.02 |
| 2016.00 | -0.02 |
| 2018.00 | -0.02 |
| 2020.00 | -0.02 |
| 2022.00 | -0.02 |
| 2024.00 | -0.02 |
| 2026.00 | -0.02 |
| 2028.00 | -0.02 |
| 2030.00 | -0.02 |
| 2032.00 | -0.02 |
| 2034.00 | -0.02 |
| 2036.00 | -0.02 |
| 2038.00 | -0.02 |
| 2040.00 | -0.02 |
| 2042.00 | -0.02 |
| 2044.00 | -0.03 |
| 2046.00 | -0.03 |
| 2048.00 | -0.03 |
| 2050.00 | -0.03 |
| 2052.00 | -0.03 |
| 2054.00 | -0.03 |
| 2056.00 | -0.03 |
| 2058.00 | -0.03 |
| 2060.00 | -0.03 |
| 2062.00 | -0.03 |
| 2064.00 | -0.04 |
| 2066.00 | -0.03 |
| 2068.00 | -0.04 |
| 2070.00 | -0.04 |
| 2072.00 | -0.04 |
| 2074.00 | -0.04 |
| 2076.00 | -0.04 |
| 2078.00 | -0.04 |
| 2080.00 | -0.04 |
| 2082.00 | -0.04 |
| 2084.00 | -0.04 |
| 2086.00 | -0.04 |
| 2088.00 | -0.04 |
| 2090.00 | -0.04 |
| 2092.00 | -0.04 |
| 2094.00 | -0.04 |
| 2096.00 | -0.04 |
| 2098.00 | -0.05 |
| 2100.00 | -0.05 |
| 2102.00 | -0.05 |
| 2104.00 | -0.05 |
| 2106.00 | -0.05 |
| 2108.00 | -0.05 |
| 2110.00 | -0.05 |
| 2112.00 | -0.05 |
| 2114.00 | -0.05 |
| 2116.00 | -0.05 |
| 2118.00 | -0.05 |
| 2120.00 | -0.05 |



CHM 003 1078

| Elapsed Time | Value |
|---|---|
| 2122.00 | -0.05 |
| 2124.00 | -0.05 |
| 2126.00 | -0.05 |
| 2128.00 | -0.05 |
| 2130.00 | -0.05 |
| 2132.00 | -0.05 |
| 2134.00 | -0.05 |
| 2136.00 | -0.05 |
| 2138.00 | -0.05 |
| 2140.00 | -0.05 |
| 2142.00 | -0.05 |
| 2144.00 | -0.06 |
| 2146.00 | -0.06 |
| 2148.00 | -0.06 |
| 2150.00 | -0.06 |
| 2152.00 | -0.06 |
| 2154.00 | -0.06 |
| 2156.00 | -0.06 |
| 2158.00 | -0.06 |
| 2160.00 | -0.06 |
| 2162.00 | -0.06 |
| 2164.00 | -0.06 |
| 2166.00 | -0.06 |
| 2168.00 | -0.06 |
| 2170.00 | -0.06 |
| 2172.00 | -0.06 |
| 2174.00 | -0.06 |
| 2176.00 | -0.06 |
| 2178.00 | -0.06 |
| 2180.00 | -0.06 |
| 2182.00 | -0.06 |
| 2184.00 | -0.06 |
| 2186.00 | -0.06 |
| 2188.00 | -0.06 |
| 2190.00 | -0.07 |
| 2192.00 | -0.07 |
| 2194.00 | -0.07 |
| 2196.00 | -0.06 |
| 2198.00 | -0.06 |
| 2200.00 | -0.06 |
| 2202.00 | -0.06 |
| 2204.00 | -0.06 |
| 2206.00 | -0.07 |
| 2208.00 | -0.06 |
| 2210.00 | -0.06 |
| 2212.00 | -0.06 |
| 2214.00 | -0.07 |
| 2216.00 | -0.06 |
| 2218.00 | -0.06 |
| 2220.00 | -0.07 |
| 2222.00 | -0.06 |
| 2224.00 | -0.07 |
| 2226.00 | -0.06 |
| 2228.00 | -0.07 |



CHM 003 1079

| Elapsed Time | Value |
|---|---|
| 2230.00 | -0.07 |
| 2232.00 | -0.07 |
| 2234.00 | -0.07 |
| 2236.00 | -0.07 |
| 2238.00 | -0.07 |
| 2240.00 | -0.07 |
| 2242.00 | -0.07 |
| 2244.00 | -0.07 |
| 2246.00 | -0.07 |
| 2248.00 | -0.07 |
| 2250.00 | -0.07 |
| 2252.00 | -0.07 |
| 2254.00 | -0.07 |
| 2256.00 | -0.07 |
| 2258.00 | -0.08 |
| 2260.00 | -0.08 |
| 2262.00 | -0.08 |
| 2264.00 | -0.08 |
| 2266.00 | -0.08 |
| 2268.00 | -0.08 |
| 2270.00 | -0.08 |
| 2272.00 | -0.08 |
| 2274.00 | -0.08 |
| 2276.00 | -0.08 |
| 2278.00 | -0.08 |
| 2280.00 | -0.08 |
| 2282.00 | -0.08 |
| 2284.00 | -0.08 |
| 2286.00 | -0.08 |
| 2288.00 | -0.08 |
| 2290.00 | -0.08 |
| 2292.00 | -0.08 |
| 2294.00 | -0.08 |
| 2296.00 | -0.08 |
| 2298.00 | -0.08 |
| 2300.00 | -0.09 |
| 2302.00 | -0.09 |
| 2304.00 | -0.09 |
| 2306.00 | -0.09 |
| 2308.00 | -0.09 |
| 2310.00 | -0.09 |
| 2312.00 | -0.09 |
| 2314.00 | -0.09 |
| 2316.00 | -0.09 |
| 2318.00 | -0.09 |
| 2320.00 | -0.09 |
| 2322.00 | -0.09 |
| 2324.00 | -0.09 |
| 2326.00 | -0.09 |
| 2328.00 | -0.09 |
| 2330.00 | -0.09 |
| 2332.00 | -0.09 |
| 2334.00 | -0.10 |
| 2336.00 | -0.09 |



CHM 003 1080

| Elapsed Time | Value |
|---|---|
| 2338.00 | -0.10 |
| 2340.00 | -0.09 |
| 2342.00 | -0.10 |
| 2344.00 | -0.10 |
| 2346.00 | -0.10 |
| 2348.00 | -0.10 |
| 2350.00 | -0.10 |
| 2352.00 | -0.10 |
| 2354.00 | -0.10 |
| 2356.00 | -0.10 |
| 2358.00 | -0.10 |
| 2360.00 | -0.10 |
| 2362.00 | -0.10 |
| 2364.00 | -0.10 |
| 2366.00 | -0.10 |
| 2368.00 | -0.10 |
| 2370.00 | -0.10 |
| 2372.00 | -0.10 |
| 2374.00 | -0.11 |
| 2376.00 | -0.11 |
| 2378.00 | -0.11 |
| 2380.00 | -0.11 |
| 2382.00 | -0.11 |
| 2384.00 | -0.11 |
| 2386.00 | -0.11 |
| 2388.00 | -0.11 |
| 2390.00 | -0.11 |
| 2392.00 | -0.11 |
| 2394.00 | -0.12 |
| 2396.00 | -0.12 |
| 2398.00 | -0.12 |
| 2400.00 | -0.12 |
| 2402.00 | -0.12 |
| 2404.00 | -0.12 |
| 2406.00 | -0.12 |
| 2408.00 | -0.12 |
| 2410.00 | -0.12 |
| 2412.00 | -0.12 |
| 2414.00 | -0.12 |
| 2416.00 | -0.13 |
| 2418.00 | -0.12 |
| 2420.00 | -0.12 |
| 2422.00 | -0.13 |
| 2424.00 | -0.13 |
| 2426.00 | -0.13 |
| 2428.00 | -0.13 |
| 2430.00 | -0.13 |
| 2432.00 | -0.13 |
| 2434.00 | -0.13 |
| 2436.00 | -0.13 |
| 2438.00 | -0.13 |
| 2440.00 | -0.13 |
| 2442.00 | -0.14 |
| 2444.00 | -0.14 |



CHM 003 1081

| Elapsed Time | Value |
|---|---|
| 2446.00 | -0.14 |
| 2448.00 | -0.13 |
| 2450.00 | -0.14 |
| 2452.00 | -0.14 |
| 2454.00 | -0.14 |
| 2456.00 | -0.14 |
| 2458.00 | -0.14 |
| 2460.00 | -0.14 |
| 2462.00 | -0.14 |
| 2464.00 | -0.14 |
| 2466.00 | -0.14 |
| 2468.00 | -0.14 |
| 2470.00 | -0.14 |
| 2472.00 | -0.14 |
| 2474.00 | -0.14 |
| 2476.00 | -0.14 |
| 2478.00 | -0.14 |
| 2480.00 | -0.14 |
| 2482.00 | -0.15 |
| 2484.00 | -0.15 |
| 2486.00 | -0.15 |
| 2488.00 | -0.15 |
| 2490.00 | -0.15 |
| 2492.00 | -0.15 |
| 2494.00 | -0.15 |
| 2496.00 | -0.15 |
| 2498.00 | -0.15 |
| 2500.00 | -0.15 |
| 2502.00 | -0.15 |
| 2504.00 | -0.15 |
| 2506.00 | -0.15 |
| 2508.00 | -0.15 |
| 2510.00 | -0.15 |
| 2512.00 | -0.15 |
| 2514.00 | -0.16 |
| 2516.00 | -0.16 |
| 2518.00 | -0.16 |
| 2520.00 | -0.16 |
| 2522.00 | -0.16 |
| 2524.00 | -0.16 |
| 2526.00 | -0.16 |
| 2528.00 | -0.16 |
| 2530.00 | -0.16 |
| 2532.00 | -0.17 |
| 2534.00 | -0.17 |
| 2536.00 | -0.17 |
| 2538.00 | -0.17 |
| 2540.00 | -0.17 |
| 2542.00 | -0.17 |
| 2544.00 | -0.17 |
| 2546.00 | -0.17 |
| 2548.00 | -0.17 |
| 2550.00 | -0.17 |
| 2552.00 | -0.17 |



CHM 003 1082

| Elapsed Time | Value |
|---|---|
| 2554.00 | -0.17 |
| 2556.00 | -0.17 |
| 2558.00 | -0.17 |
| 2560.00 | -0.17 |
| 2562.00 | -0.17 |
| 2564.00 | -0.17 |
| 2566.00 | -0.17 |
| 2568.00 | -0.17 |
| 2570.00 | -0.17 |
| 2572.00 | -0.17 |
| 2574.00 | -0.17 |
| 2576.00 | -0.17 |
| 2578.00 | -0.17 |
| 2580.00 | -0.18 |
| 2582.00 | -0.17 |
| 2584.00 | -0.18 |
| 2586.00 | -0.18 |
| 2588.00 | -0.18 |
| 2590.00 | -0.18 |
| 2592.00 | -0.18 |
| 2594.00 | -0.18 |
| 2596.00 | -0.18 |
| 2598.00 | -0.18 |
| 2600.00 | -0.18 |
| 2602.00 | -0.18 |
| 2604.00 | -0.18 |
| 2606.00 | -0.18 |
| 2608.00 | -0.18 |
| 2610.00 | -0.18 |
| 2612.00 | -0.18 |
| 2614.00 | -0.18 |
| 2616.00 | -0.18 |
| 2618.00 | -0.19 |
| 2620.00 | -0.18 |
| 2622.00 | -0.19 |
| 2624.00 | -0.19 |
| 2626.00 | -0.19 |
| 2628.00 | -0.19 |
| 2630.00 | -0.19 |
| 2632.00 | -0.19 |
| 2634.00 | -0.19 |
| 2636.00 | -0.19 |
| 2638.00 | -0.19 |
| 2640.00 | -0.19 |
| 2642.00 | -0.19 |
| 2644.00 | -0.19 |
| 2646.00 | -0.19 |
| 2648.00 | -0.19 |
| 2650.00 | -0.19 |
| 2652.00 | -0.19 |
| 2654.00 | -0.19 |
| 2656.00 | -0.19 |
| 2658.00 | -0.19 |
| 2660.00 | -0.19 |



CHM 003 1083

| Elapsed Time | Value |
|---|---|
| 2662.00 | -0.19 |
| 2664.00 | -0.19 |
| 2666.00 | -0.19 |
| 2668.00 | -0.19 |
| 2670.00 | -0.19 |
| 2672.00 | -0.20 |
| 2674.00 | -0.20 |
| 2676.00 | -0.20 |
| 2678.00 | -0.20 |
| 2680.00 | -0.20 |
| 2682.00 | -0.20 |
| 2684.00 | -0.20 |
| 2686.00 | -0.20 |
| 2688.00 | -0.20 |
| 2690.00 | -0.20 |
| 2692.00 | -0.20 |
| 2694.00 | -0.20 |
| 2696.00 | -0.20 |
| 2698.00 | -0.20 |
| 2700.00 | -0.20 |
| 2702.00 | -0.20 |
| 2704.00 | -0.20 |
| 2706.00 | -0.20 |
| 2708.00 | -0.20 |
| 2710.00 | -0.20 |
| 2712.00 | -0.20 |
| 2714.00 | -0.20 |
| 2716.00 | -0.20 |
| 2718.00 | -0.20 |
| 2720.00 | -0.20 |
| 2722.00 | -0.20 |
| 2724.00 | -0.20 |
| 2726.00 | -0.20 |
| 2728.00 | -0.20 |
| 2730.00 | -0.20 |
| 2732.00 | -0.20 |



CHM 003 1084

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 5-LT PUMP ZONE: 153 - BOTTOM IN DMW-11

WELL ID: DMW-1

SE1000B
Environmental Logger
12/03 08:50

Unit# 01010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 20.05 |
| Offset | - 0.04 |

Step# 0 12/01 09:43

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.00 |
| 2.0000 | -0.00 |
| 4.0000 | 0.00 |
| 6.0000 | -0.00 |
| 8.0000 | -0.00 |
| 10.0000 | -0.00 |
| 12.0000 | -0.00 |
| 14.0000 | -0.00 |
| 16.0000 | -0.01 |
| 18.0000 | -0.00 |
| 20.0000 | -0.00 |
| 22.0000 | -0.00 |
| 24.0000 | -0.00 |
| 26.0000 | -0.00 |
| 28.0000 | -0.00 |
| 30.0000 | -0.00 |
| 32.0000 | -0.00 |
| 34.0000 | -0.00 |
| 36.0000 | -0.00 |
| 38.0000 | -0.00 |
| 40.0000 | -0.00 |
| 42.0000 | -0.00 |
| 44.0000 | -0.00 |
| 46.0000 | -0.00 |
| 48.0000 | -0.00 |
| 50.0000 | -0.00 |
| 52.0000 | -0.00 |
| 54.0000 | -0.00 |
| 56.0000 | -0.00 |
| 58.0000 | -0.00 |
| 60.0000 | -0.00 |
| 62.0000 | -0.00 |
| 64.0000 | -0.00 |
| 66.0000 | -0.00 |
| 68.0000 | -0.00 |



CHM 003 1085

| Elapsed Time | Value |
|---|---|
| 70.0000 | -0.00 |
| 72.0000 | -0.00 |
| 74.0000 | -0.00 |
| 76.0000 | 0.00 |
| 78.0000 | -0.00 |
| 80.0000 | -0.00 |
| 82.0000 | 0.00 |
| 84.0000 | -0.00 |
| 86.0000 | -0.00 |
| 88.0000 | 0.00 |
| 90.0000 | 0.00 |
| 92.0000 | -0.00 |
| 94.0000 | -0.00 |
| 96.0000 | 0.00 |
| 98.0000 | 0.00 |
| 100.000 | 0.00 |
| 102.000 | 0.00 |
| 104.000 | 0.00 |
| 106.000 | 0.00 |
| 108.000 | 0.00 |
| 110.000 | 0.00 |
| 112.000 | 0.00 |
| 114.000 | 0.00 |
| 116.000 | 0.00 |
| 118.000 | 0.00 |
| 120.000 | 0.00 |
| 122.000 | 0.00 |
| 124.000 | 0.00 |
| 126.000 | 0.00 |
| 128.000 | 0.00 |
| 130.000 | 0.00 |
| 132.000 | 0.00 |
| 134.000 | 0.00 |
| 136.000 | 0.00 |
| 138.000 | 0.00 |
| 140.000 | 0.00 |
| 142.000 | 0.00 |
| 144.000 | 0.00 |
| 146.000 | 0.00 |
| 148.000 | 0.00 |
| 150.000 | 0.00 |
| 152.000 | 0.00 |
| 154.000 | 0.00 |
| 156.000 | 0.00 |
| 158.000 | 0.00 |
| 160.000 | 0.00 |
| 162.000 | 0.00 |
| 164.000 | 0.00 |
| 166.000 | 0.00 |
| 168.000 | 0.00 |
| 170.000 | 0.00 |
| 172.000 | 0.00 |
| 174.000 | 0.00 |
| 176.000 | 0.01 |



CHM 003 1086

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.01 |
| 180.000 | 0.01 |
| 182.000 | 0.01 |
| 184.000 | 0.01 |
| 186.000 | 0.02 |
| 188.000 | 0.03 |
| 190.000 | 0.04 |
| 192.000 | 0.05 |
| 194.000 | 0.06 |
| 196.000 | 0.06 |
| 198.000 | 0.08 |
| 200.000 | 0.09 |
| 202.000 | 0.10 |
| 204.000 | 0.12 |
| 206.000 | 0.12 |
| 208.000 | 0.13 |
| 210.000 | 0.15 |
| 212.000 | 0.16 |
| 214.000 | 0.17 |
| 216.000 | 0.18 |
| 218.000 | 0.20 |
| 220.000 | 0.20 |
| 222.000 | 0.21 |
| 224.000 | 0.22 |
| 226.000 | 0.23 |
| 228.000 | 0.24 |
| 230.000 | 0.25 |
| 232.000 | 0.26 |
| 234.000 | 0.27 |
| 236.000 | 0.29 |
| 238.000 | 0.30 |
| 240.000 | 0.31 |
| 242.000 | 0.32 |
| 244.000 | 0.34 |
| 246.000 | 0.35 |
| 248.000 | 0.36 |
| 250.000 | 0.38 |
| 252.000 | 0.39 |
| 254.000 | 0.40 |
| 256.000 | 0.41 |
| 258.000 | 0.43 |
| 260.000 | 0.44 |
| 262.000 | 0.45 |
| 264.000 | 0.46 |
| 266.000 | 0.48 |
| 268.000 | 0.48 |
| 270.000 | 0.50 |
| 272.000 | 0.51 |
| 274.000 | 0.52 |
| 276.000 | 0.53 |
| 278.000 | 0.54 |
| 280.000 | 0.55 |
| 282.000 | 0.56 |
| 284.000 | 0.57 |



CHM 003 1087

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.58 |
| 288.000 | 0.58 |
| 290.000 | 0.59 |
| 292.000 | 0.60 |
| 294.000 | 0.61 |
| 296.000 | 0.62 |
| 298.000 | 0.62 |
| 300.000 | 0.63 |
| 302.000 | 0.64 |
| 304.000 | 0.65 |
| 306.000 | 0.65 |
| 308.000 | 0.66 |
| 310.000 | 0.67 |
| 312.000 | 0.67 |
| 314.000 | 0.69 |
| 316.000 | 0.69 |
| 318.000 | 0.70 |
| 320.000 | 0.71 |
| 322.000 | 0.71 |
| 324.000 | 0.71 |
| 326.000 | 0.72 |
| 328.000 | 0.72 |
| 330.000 | 0.73 |
| 332.000 | 0.74 |
| 334.000 | 0.74 |
| 336.000 | 0.75 |
| 338.000 | 0.76 |
| 340.000 | 0.76 |
| 342.000 | 0.77 |
| 344.000 | 0.78 |
| 346.000 | 0.78 |
| 348.000 | 0.78 |
| 350.000 | 0.79 |
| 352.000 | 0.79 |
| 354.000 | 0.80 |
| 356.000 | 0.80 |
| 358.000 | 0.81 |
| 360.000 | 0.81 |
| 362.000 | 0.82 |
| 364.000 | 0.82 |
| 366.000 | 0.83 |
| 368.000 | 0.83 |
| 370.000 | 0.83 |
| 372.000 | 0.84 |
| 374.000 | 0.84 |
| 376.000 | 0.84 |
| 378.000 | 0.85 |
| 380.000 | 0.86 |
| 382.000 | 0.86 |
| 384.000 | 0.86 |
| 386.000 | 0.87 |
| 388.000 | 0.87 |
| 390.000 | 0.88 |
| 392.000 | 0.88 |

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.88 |
| 396.000 | 0.89 |
| 398.000 | 0.90 |
| 400.000 | 0.90 |
| 402.000 | 0.90 |
| 404.000 | 0.90 |
| 406.000 | 0.91 |
| 408.000 | 0.91 |
| 410.000 | 0.91 |
| 412.000 | 0.92 |
| 414.000 | 0.92 |
| 416.000 | 0.93 |
| 418.000 | 0.93 |
| 420.000 | 0.93 |
| 422.000 | 0.93 |
| 424.000 | 0.94 |
| 426.000 | 0.95 |
| 428.000 | 0.95 |
| 430.000 | 0.95 |
| 432.000 | 0.95 |
| 434.000 | 0.96 |
| 436.000 | 0.96 |
| 438.000 | 0.97 |
| 440.000 | 0.97 |
| 442.000 | 0.97 |
| 444.000 | 0.97 |
| 446.000 | 0.98 |
| 448.000 | 0.98 |
| 450.000 | 0.98 |
| 452.000 | 0.98 |
| 454.000 | 0.99 |
| 456.000 | 0.99 |
| 458.000 | 0.99 |
| 460.000 | 1.00 |
| 462.000 | 1.00 |
| 464.000 | 1.00 |
| 466.000 | 1.00 |
| 468.000 | 1.01 |
| 470.000 | 1.01 |
| 472.000 | 1.02 |
| 474.000 | 1.02 |
| 476.000 | 1.02 |
| 478.000 | 1.02 |
| 480.000 | 1.02 |
| 482.000 | 1.03 |
| 484.000 | 1.04 |
| 486.000 | 1.04 |
| 488.000 | 1.04 |
| 490.000 | 1.04 |
| 492.000 | 1.04 |
| 494.000 | 1.04 |
| 496.000 | 1.05 |
| 498.000 | 1.05 |
| 500.000 | 1.05 |



CHM 003 1089

| Elapsed Time | Value |
|---|---|
| 502.000 | 1.05 |
| 504.000 | 1.05 |
| 506.000 | 1.06 |
| 508.000 | 1.06 |
| 510.000 | 1.07 |
| 512.000 | 1.07 |
| 514.000 | 1.07 |
| 516.000 | 1.07 |
| 518.000 | 1.07 |
| 520.000 | 1.08 |
| 522.000 | 1.08 |
| 524.000 | 1.08 |
| 526.000 | 1.08 |
| 528.000 | 1.09 |
| 530.000 | 1.09 |
| 532.000 | 1.09 |
| 534.000 | 1.09 |
| 536.000 | 1.09 |
| 538.000 | 1.09 |
| 540.000 | 1.09 |
| 542.000 | 1.09 |
| 544.000 | 1.09 |
| 546.000 | 1.09 |
| 548.000 | 1.09 |
| 550.000 | 1.10 |
| 552.000 | 1.10 |
| 554.000 | 1.10 |
| 556.000 | 1.10 |
| 558.000 | 1.10 |
| 560.000 | 1.10 |
| 562.000 | 1.10 |
| 564.000 | 1.10 |
| 566.000 | 1.10 |
| 568.000 | 1.10 |
| 570.000 | 1.10 |
| 572.000 | 1.10 |
| 574.000 | 1.10 |
| 576.000 | 1.11 |
| 578.000 | 1.11 |
| 580.000 | 1.11 |
| 582.000 | 1.11 |
| 584.000 | 1.12 |
| 586.000 | 1.12 |
| 588.000 | 1.12 |
| 590.000 | 1.12 |
| 592.000 | 1.12 |
| 594.000 | 1.12 |
| 596.000 | 1.13 |
| 598.000 | 1.13 |
| 600.000 | 1.14 |
| 602.000 | 1.14 |
| 604.000 | 1.14 |
| 606.000 | 1.14 |
| 608.000 | 1.14 |



CHM 003 1090

| Elapsed Time | Value |
|---|---|
| 610.000 | 1.14 |
| 612.000 | 1.14 |
| 614.000 | 1.15 |
| 616.000 | 1.15 |
| 618.000 | 1.15 |
| 620.000 | 1.15 |
| 622.000 | 1.15 |
| 624.000 | 1.16 |
| 626.000 | 1.16 |
| 628.000 | 1.16 |
| 630.000 | 1.16 |
| 632.000 | 1.16 |
| 634.000 | 1.16 |
| 636.000 | 1.16 |
| 638.000 | 1.16 |
| 640.000 | 1.16 |
| 642.000 | 1.16 |
| 644.000 | 1.17 |
| 646.000 | 1.17 |
| 648.000 | 1.17 |
| 650.000 | 1.17 |
| 652.000 | 1.17 |
| 654.000 | 1.17 |
| 656.000 | 1.17 |
| 658.000 | 1.18 |
| 660.000 | 1.18 |
| 662.000 | 1.18 |
| 664.000 | 1.18 |
| 666.000 | 1.18 |
| 668.000 | 1.19 |
| 670.000 | 1.19 |
| 672.000 | 1.19 |
| 674.000 | 1.19 |
| 676.000 | 1.19 |
| 678.000 | 1.20 |
| 680.000 | 1.20 |
| 682.000 | 1.21 |
| 684.000 | 1.21 |
| 686.000 | 1.21 |
| 688.000 | 1.21 |
| 690.000 | 1.21 |
| 692.000 | 1.22 |
| 694.000 | 1.22 |
| 696.000 | 1.23 |
| 698.000 | 1.23 |
| 700.000 | 1.23 |
| 702.000 | 1.23 |
| 704.000 | 1.23 |
| 706.000 | 1.23 |
| 708.000 | 1.23 |
| 710.000 | 1.24 |
| 712.000 | 1.24 |
| 714.000 | 1.24 |
| 716.000 | 1.24 |



CHM 003 1091

| Elapsed Time | Value |
|---|---|
| 718.000 | 1.24 |
| 720.000 | 1.24 |
| 722.000 | 1.25 |
| 724.000 | 1.25 |
| 726.000 | 1.25 |
| 728.000 | 1.25 |
| 730.000 | 1.26 |
| 732.000 | 1.26 |
| 734.000 | 1.26 |
| 736.000 | 1.26 |
| 738.000 | 1.26 |
| 740.000 | 1.26 |
| 742.000 | 1.26 |
| 744.000 | 1.27 |
| 746.000 | 1.27 |
| 748.000 | 1.27 |
| 750.000 | 1.27 |
| 752.000 | 1.28 |
| 754.000 | 1.28 |
| 756.000 | 1.28 |
| 758.000 | 1.28 |
| 760.000 | 1.28 |
| 762.000 | 1.28 |
| 764.000 | 1.28 |
| 766.000 | 1.28 |
| 768.000 | 1.29 |
| 770.000 | 1.29 |
| 772.000 | 1.29 |
| 774.000 | 1.29 |
| 776.000 | 1.30 |
| 778.000 | 1.30 |
| 780.000 | 1.30 |
| 782.000 | 1.30 |
| 784.000 | 1.30 |
| 786.000 | 1.30 |
| 788.000 | 1.30 |
| 790.000 | 1.30 |
| 792.000 | 1.30 |
| 794.000 | 1.31 |
| 796.000 | 1.31 |
| 798.000 | 1.31 |
| 800.000 | 1.31 |
| 802.000 | 1.31 |
| 804.000 | 1.31 |
| 806.000 | 1.31 |
| 808.000 | 1.31 |
| 810.000 | 1.31 |
| 812.000 | 1.31 |
| 814.000 | 1.31 |
| 816.000 | 1.31 |
| 818.000 | 1.31 |
| 820.000 | 1.31 |
| 822.000 | 1.31 |
| 824.000 | 1.31 |

| Elapsed Time | Value |
|---|---|
| 826.000 | 1.31 |
| 828.000 | 1.31 |
| 830.000 | 1.31 |
| 832.000 | 1.31 |
| 834.000 | 1.32 |
| 836.000 | 1.31 |
| 838.000 | 1.32 |
| 840.000 | 1.32 |
| 842.000 | 1.32 |
| 844.000 | 1.32 |
| 846.000 | 1.32 |
| 848.000 | 1.32 |
| 850.000 | 1.32 |
| 852.000 | 1.32 |
| 854.000 | 1.32 |
| 856.000 | 1.32 |
| 858.000 | 1.32 |
| 860.000 | 1.32 |
| 862.000 | 1.33 |
| 864.000 | 1.33 |
| 866.000 | 1.33 |
| 868.000 | 1.33 |
| 870.000 | 1.33 |
| 872.000 | 1.33 |
| 874.000 | 1.33 |
| 876.000 | 1.33 |
| 878.000 | 1.33 |
| 880.000 | 1.33 |
| 882.000 | 1.33 |
| 884.000 | 1.33 |
| 886.000 | 1.33 |
| 888.000 | 1.33 |
| 890.000 | 1.33 |
| 892.000 | 1.33 |
| 894.000 | 1.33 |
| 896.000 | 1.33 |
| 898.000 | 1.33 |
| 900.000 | 1.33 |
| 902.000 | 1.33 |
| 904.000 | 1.33 |
| 906.000 | 1.34 |
| 908.000 | 1.33 |
| 910.000 | 1.34 |
| 912.000 | 1.34 |
| 914.000 | 1.34 |
| 916.000 | 1.34 |
| 918.000 | 1.34 |
| 920.000 | 1.34 |
| 922.000 | 1.34 |
| 924.000 | 1.34 |
| 926.000 | 1.34 |
| 928.000 | 1.34 |
| 930.000 | 1.34 |
| 932.000 | 1.34 |



CHM 003 1093

| Elapsed Time | Value |
|---|---|
| 934.000 | 1.35 |
| 936.000 | 1.34 |
| 938.000 | 1.35 |
| 940.000 | 1.35 |
| 942.000 | 1.35 |
| 944.000 | 1.35 |
| 946.000 | 1.35 |
| 948.000 | 1.35 |
| 950.000 | 1.35 |
| 952.000 | 1.35 |
| 954.000 | 1.35 |
| 956.000 | 1.35 |
| 958.000 | 1.35 |
| 960.000 | 1.35 |
| 962.000 | 1.35 |
| 964.000 | 1.35 |
| 966.000 | 1.35 |
| 968.000 | 1.35 |
| 970.000 | 1.35 |
| 972.000 | 1.35 |
| 974.000 | 1.35 |
| 976.000 | 1.35 |
| 978.000 | 1.35 |
| 980.000 | 1.35 |
| 982.000 | 1.35 |
| 984.000 | 1.35 |
| 986.000 | 1.35 |
| 988.000 | 1.35 |
| 990.000 | 1.35 |
| 992.000 | 1.35 |
| 994.000 | 1.35 |
| 996.000 | 1.35 |
| 998.000 | 1.35 |
| 1000.00 | 1.35 |
| 1002.00 | 1.35 |
| 1004.00 | 1.35 |
| 1006.00 | 1.35 |
| 1008.00 | 1.35 |
| 1010.00 | 1.35 |
| 1012.00 | 1.35 |
| 1014.00 | 1.35 |
| 1016.00 | 1.35 |
| 1018.00 | 1.35 |
| 1020.00 | 1.35 |
| 1022.00 | 1.35 |
| 1024.00 | 1.35 |
| 1026.00 | 1.35 |
| 1028.00 | 1.35 |
| 1030.00 | 1.35 |
| 1032.00 | 1.35 |
| 1034.00 | 1.35 |
| 1036.00 | 1.35 |
| 1038.00 | 1.35 |
| 1040.00 | 1.35 |



CHM 003 1094

| Elapsed Time | Value |
|---|---|
| 1042.00 | 1.35 |
| 1044.00 | 1.35 |
| 1046.00 | 1.35 |
| 1048.00 | 1.35 |
| 1050.00 | 1.35 |
| 1052.00 | 1.35 |
| 1054.00 | 1.35 |
| 1056.00 | 1.35 |
| 1058.00 | 1.35 |
| 1060.00 | 1.35 |
| 1062.00 | 1.35 |
| 1064.00 | 1.35 |
| 1066.00 | 1.35 |
| 1068.00 | 1.35 |
| 1070.00 | 1.35 |
| 1072.00 | 1.35 |
| 1074.00 | 1.35 |
| 1076.00 | 1.35 |
| 1078.00 | 1.35 |
| 1080.00 | 1.35 |
| 1082.00 | 1.35 |
| 1084.00 | 1.35 |
| 1086.00 | 1.35 |
| 1088.00 | 1.35 |
| 1090.00 | 1.35 |
| 1092.00 | 1.35 |
| 1094.00 | 1.35 |
| 1096.00 | 1.35 |
| 1098.00 | 1.35 |
| 1100.00 | 1.35 |
| 1102.00 | 1.35 |
| 1104.00 | 1.35 |
| 1106.00 | 1.35 |
| 1108.00 | 1.35 |
| 1110.00 | 1.35 |
| 1112.00 | 1.35 |
| 1114.00 | 1.35 |
| 1116.00 | 1.35 |
| 1118.00 | 1.35 |
| 1120.00 | 1.35 |
| 1122.00 | 1.35 |
| 1124.00 | 1.35 |
| 1126.00 | 1.34 |
| 1128.00 | 1.34 |
| 1130.00 | 1.34 |
| 1132.00 | 1.34 |
| 1134.00 | 1.34 |
| 1136.00 | 1.34 |
| 1138.00 | 1.34 |
| 1140.00 | 1.34 |
| 1142.00 | 1.34 |
| 1144.00 | 1.34 |
| 1146.00 | 1.34 |
| 1148.00 | 1.34 |



CHM 003 1095

| Elapsed Time | Value |
|---|---|
| 1150.00 | 1.34 |
| 1152.00 | 1.34 |
| 1154.00 | 1.34 |
| 1156.00 | 1.34 |
| 1158.00 | 1.34 |
| 1160.00 | 1.34 |
| 1162.00 | 1.34 |
| 1164.00 | 1.34 |
| 1166.00 | 1.34 |
| 1168.00 | 1.34 |
| 1170.00 | 1.33 |
| 1172.00 | 1.33 |
| 1174.00 | 1.33 |
| 1176.00 | 1.33 |
| 1178.00 | 1.33 |
| 1180.00 | 1.33 |
| 1182.00 | 1.34 |
| 1184.00 | 1.33 |
| 1186.00 | 1.33 |
| 1188.00 | 1.33 |
| 1190.00 | 1.33 |
| 1192.00 | 1.33 |
| 1194.00 | 1.33 |
| 1196.00 | 1.33 |
| 1198.00 | 1.33 |
| 1200.00 | 1.33 |
| 1202.00 | 1.33 |
| 1204.00 | 1.33 |
| 1206.00 | 1.33 |
| 1208.00 | 1.33 |
| 1210.00 | 1.33 |
| 1212.00 | 1.33 |
| 1214.00 | 1.33 |
| 1216.00 | 1.33 |
| 1218.00 | 1.33 |
| 1220.00 | 1.33 |
| 1222.00 | 1.33 |
| 1224.00 | 1.33 |
| 1226.00 | 1.33 |
| 1228.00 | 1.33 |
| 1230.00 | 1.33 |
| 1232.00 | 1.33 |
| 1234.00 | 1.33 |
| 1236.00 | 1.33 |
| 1238.00 | 1.33 |
| 1240.00 | 1.33 |
| 1242.00 | 1.33 |
| 1244.00 | 1.33 |
| 1246.00 | 1.33 |
| 1248.00 | 1.33 |
| 1250.00 | 1.34 |
| 1252.00 | 1.34 |
| 1254.00 | 1.34 |
| 1256.00 | 1.34 |



CHM 003 1096

| Elapsed Time | Value |
|---|---|
| 1258.00 | 1.34 |
| 1260.00 | 1.34 |
| 1262.00 | 1.34 |
| 1264.00 | 1.34 |
| 1266.00 | 1.34 |
| 1268.00 | 1.34 |
| 1270.00 | 1.34 |
| 1272.00 | 1.34 |
| 1274.00 | 1.34 |
| 1276.00 | 1.34 |
| 1278.00 | 1.34 |
| 1280.00 | 1.34 |
| 1282.00 | 1.34 |
| 1284.00 | 1.34 |
| 1286.00 | 1.34 |
| 1288.00 | 1.34 |
| 1290.00 | 1.34 |
| 1292.00 | 1.34 |
| 1294.00 | 1.34 |
| 1296.00 | 1.34 |
| 1298.00 | 1.34 |
| 1300.00 | 1.35 |
| 1302.00 | 1.35 |
| 1304.00 | 1.35 |
| 1306.00 | 1.35 |
| 1308.00 | 1.35 |
| 1310.00 | 1.35 |
| 1312.00 | 1.35 |
| 1314.00 | 1.35 |
| 1316.00 | 1.35 |
| 1318.00 | 1.35 |
| 1320.00 | 1.35 |
| 1322.00 | 1.35 |
| 1324.00 | 1.35 |
| 1326.00 | 1.35 |
| 1328.00 | 1.35 |
| 1330.00 | 1.35 |
| 1332.00 | 1.35 |
| 1334.00 | 1.35 |
| 1336.00 | 1.35 |
| 1338.00 | 1.35 |
| 1340.00 | 1.35 |
| 1342.00 | 1.35 |
| 1344.00 | 1.36 |
| 1346.00 | 1.35 |
| 1348.00 | 1.36 |
| 1350.00 | 1.36 |
| 1352.00 | 1.36 |
| 1354.00 | 1.36 |
| 1356.00 | 1.36 |
| 1358.00 | 1.36 |
| 1360.00 | 1.36 |
| 1362.00 | 1.36 |
| 1364.00 | 1.36 |

| Elapsed Time | Value |
|---|---|
| 1366.00 | 1.36 |
| 1368.00 | 1.36 |
| 1370.00 | 1.36 |
| 1372.00 | 1.36 |
| 1374.00 | 1.36 |
| 1376.00 | 1.36 |
| 1378.00 | 1.36 |
| 1380.00 | 1.36 |
| 1382.00 | 1.37 |
| 1384.00 | 1.37 |
| 1386.00 | 1.37 |
| 1388.00 | 1.37 |
| 1390.00 | 1.37 |
| 1392.00 | 1.37 |
| 1394.00 | 1.38 |
| 1396.00 | 1.38 |
| 1398.00 | 1.38 |
| 1400.00 | 1.38 |
| 1402.00 | 1.38 |
| 1404.00 | 1.38 |
| 1406.00 | 1.38 |
| 1408.00 | 1.38 |
| 1410.00 | 1.38 |
| 1412.00 | 1.38 |
| 1414.00 | 1.38 |
| 1416.00 | 1.38 |
| 1418.00 | 1.38 |
| 1420.00 | 1.38 |
| 1422.00 | 1.39 |
| 1424.00 | 1.39 |
| 1426.00 | 1.39 |
| 1428.00 | 1.39 |
| 1430.00 | 1.39 |
| 1432.00 | 1.39 |
| 1434.00 | 1.40 |
| 1436.00 | 1.40 |
| 1438.00 | 1.40 |
| 1440.00 | 1.40 |
| 1442.00 | 1.40 |
| 1444.00 | 1.40 |
| 1446.00 | 1.40 |
| 1448.00 | 1.40 |
| 1450.00 | 1.40 |
| 1452.00 | 1.40 |
| 1454.00 | 1.40 |
| 1456.00 | 1.40 |
| 1458.00 | 1.40 |
| 1460.00 | 1.41 |
| 1462.00 | 1.41 |
| 1464.00 | 1.41 |
| 1466.00 | 1.41 |
| 1468.00 | 1.41 |
| 1470.00 | 1.42 |
| 1472.00 | 1.42 |



CHM 003 1098

| Elapsed Time | Value |
|---|---|
| 1474.00 | 1.42 |
| 1476.00 | 1.42 |
| 1478.00 | 1.42 |
| 1480.00 | 1.42 |
| 1482.00 | 1.42 |
| 1484.00 | 1.42 |
| 1486.00 | 1.42 |
| 1488.00 | 1.42 |
| 1490.00 | 1.42 |
| 1492.00 | 1.42 |
| 1494.00 | 1.42 |
| 1496.00 | 1.42 |
| 1498.00 | 1.43 |
| 1500.00 | 1.43 |
| 1502.00 | 1.43 |
| 1504.00 | 1.43 |
| 1506.00 | 1.43 |
| 1508.00 | 1.43 |
| 1510.00 | 1.43 |
| 1512.00 | 1.43 |
| 1514.00 | 1.43 |
| 1516.00 | 1.43 |
| 1518.00 | 1.43 |
| 1520.00 | 1.43 |
| 1522.00 | 1.43 |
| 1524.00 | 1.43 |
| 1526.00 | 1.43 |
| 1528.00 | 1.43 |
| 1530.00 | 1.43 |
| 1532.00 | 1.43 |
| 1534.00 | 1.43 |
| 1536.00 | 1.44 |
| 1538.00 | 1.44 |
| 1540.00 | 1.44 |
| 1542.00 | 1.44 |
| 1544.00 | 1.44 |
| 1546.00 | 1.44 |
| 1548.00 | 1.44 |
| 1550.00 | 1.45 |
| 1552.00 | 1.45 |
| 1554.00 | 1.45 |
| 1556.00 | 1.43 |
| 1558.00 | 1.43 |
| 1560.00 | 1.42 |
| 1562.00 | 1.42 |
| 1564.00 | 1.40 |
| 1566.00 | 1.39 |
| 1568.00 | 1.38 |
| 1570.00 | 1.36 |
| 1572.00 | 1.35 |
| 1574.00 | 1.33 |
| 1576.00 | 1.32 |
| 1578.00 | 1.30 |
| 1580.00 | 1.28 |



CHM 003 1099

| Elapsed Time | Value |
|---|---|
| 1582.00 | 1.27 |
| 1584.00 | 1.24 |
| 1586.00 | 1.23 |
| 1588.00 | 1.22 |
| 1590.00 | 1.20 |
| 1592.00 | 1.19 |
| 1594.00 | 1.17 |
| 1596.00 | 1.16 |
| 1598.00 | 1.14 |
| 1600.00 | 1.13 |
| 1602.00 | 1.12 |
| 1604.00 | 1.10 |
| 1606.00 | 1.09 |
| 1608.00 | 1.09 |
| 1610.00 | 1.07 |
| 1612.00 | 1.05 |
| 1614.00 | 1.05 |
| 1616.00 | 1.04 |
| 1618.00 | 1.02 |
| 1620.00 | 1.02 |
| 1622.00 | 1.00 |
| 1624.00 | 1.00 |
| 1626.00 | 0.98 |
| 1628.00 | 0.98 |
| 1630.00 | 0.97 |
| 1632.00 | 0.95 |
| 1634.00 | 0.94 |
| 1636.00 | 0.93 |
| 1638.00 | 0.93 |
| 1640.00 | 0.91 |
| 1642.00 | 0.91 |
| 1644.00 | 0.90 |
| 1646.00 | 0.89 |
| 1648.00 | 0.89 |
| 1650.00 | 0.88 |
| 1652.00 | 0.87 |
| 1654.00 | 0.86 |
| 1656.00 | 0.85 |
| 1658.00 | 0.84 |
| 1660.00 | 0.84 |
| 1662.00 | 0.83 |
| 1664.00 | 0.83 |
| 1666.00 | 0.82 |
| 1668.00 | 0.81 |
| 1670.00 | 0.81 |
| 1672.00 | 0.79 |
| 1674.00 | 0.79 |
| 1676.00 | 0.79 |
| 1678.00 | 0.78 |
| 1680.00 | 0.77 |
| 1682.00 | 0.77 |
| 1684.00 | 0.76 |
| 1686.00 | 0.76 |
| 1688.00 | 0.74 |



CHM 003 1100

| Elapsed Time | Value |
|---|---|
| 1690.00 | 0.74 |
| 1692.00 | 0.74 |
| 1694.00 | 0.73 |
| 1696.00 | 0.72 |
| 1698.00 | 0.72 |
| 1700.00 | 0.72 |
| 1702.00 | 0.71 |
| 1704.00 | 0.71 |
| 1706.00 | 0.71 |
| 1708.00 | 0.70 |
| 1710.00 | 0.69 |
| 1712.00 | 0.69 |
| 1714.00 | 0.69 |
| 1716.00 | 0.68 |
| 1718.00 | 0.68 |
| 1720.00 | 0.67 |
| 1722.00 | 0.67 |
| 1724.00 | 0.66 |
| 1726.00 | 0.66 |
| 1728.00 | 0.65 |
| 1730.00 | 0.65 |
| 1732.00 | 0.65 |
| 1734.00 | 0.64 |
| 1736.00 | 0.64 |
| 1738.00 | 0.64 |
| 1740.00 | 0.63 |
| 1742.00 | 0.62 |
| 1744.00 | 0.62 |
| 1746.00 | 0.62 |
| 1748.00 | 0.62 |
| 1750.00 | 0.61 |
| 1752.00 | 0.61 |
| 1754.00 | 0.60 |
| 1756.00 | 0.60 |
| 1758.00 | 0.60 |
| 1760.00 | 0.59 |
| 1762.00 | 0.59 |
| 1764.00 | 0.58 |
| 1766.00 | 0.58 |
| 1768.00 | 0.58 |
| 1770.00 | 0.58 |
| 1772.00 | 0.57 |
| 1774.00 | 0.57 |
| 1776.00 | 0.57 |
| 1778.00 | 0.57 |
| 1780.00 | 0.56 |
| 1782.00 | 0.55 |
| 1784.00 | 0.55 |
| 1786.00 | 0.55 |
| 1788.00 | 0.55 |
| 1790.00 | 0.54 |
| 1792.00 | 0.54 |
| 1794.00 | 0.53 |
| 1796.00 | 0.53 |



CHM 003 1101

| Elapsed Time | Value |
|---|---|
| 1798.00 | 0.53 |
| 1800.00 | 0.53 |
| 1802.00 | 0.52 |
| 1804.00 | 0.52 |
| 1806.00 | 0.52 |
| 1808.00 | 0.51 |
| 1810.00 | 0.51 |
| 1812.00 | 0.51 |
| 1814.00 | 0.50 |
| 1816.00 | 0.50 |
| 1818.00 | 0.50 |
| 1820.00 | 0.50 |
| 1822.00 | 0.50 |
| 1824.00 | 0.49 |
| 1826.00 | 0.49 |
| 1828.00 | 0.49 |
| 1830.00 | 0.48 |
| 1832.00 | 0.48 |
| 1834.00 | 0.48 |
| 1836.00 | 0.48 |
| 1838.00 | 0.47 |
| 1840.00 | 0.47 |
| 1842.00 | 0.46 |
| 1844.00 | 0.46 |
| 1846.00 | 0.46 |
| 1848.00 | 0.46 |
| 1850.00 | 0.46 |
| 1852.00 | 0.45 |
| 1854.00 | 0.45 |
| 1856.00 | 0.45 |
| 1858.00 | 0.45 |
| 1860.00 | 0.45 |
| 1862.00 | 0.44 |
| 1864.00 | 0.44 |
| 1866.00 | 0.44 |
| 1868.00 | 0.43 |
| 1870.00 | 0.43 |
| 1872.00 | 0.43 |
| 1874.00 | 0.43 |
| 1876.00 | 0.43 |
| 1878.00 | 0.42 |
| 1880.00 | 0.42 |
| 1882.00 | 0.41 |
| 1884.00 | 0.41 |
| 1886.00 | 0.41 |
| 1888.00 | 0.41 |
| 1890.00 | 0.41 |
| 1892.00 | 0.41 |
| 1894.00 | 0.41 |
| 1896.00 | 0.40 |
| 1898.00 | 0.40 |
| 1900.00 | 0.39 |
| 1902.00 | 0.39 |
| 1904.00 | 0.39 |



CHM 003 1102

| Elapsed Time | Value |
|---|---|
| 1906.00 | 0.39 |
| 1908.00 | 0.39 |
| 1910.00 | 0.39 |
| 1912.00 | 0.38 |
| 1914.00 | 0.38 |
| 1916.00 | 0.38 |
| 1918.00 | 0.38 |
| 1920.00 | 0.38 |
| 1922.00 | 0.38 |
| 1924.00 | 0.37 |
| 1926.00 | 0.37 |
| 1928.00 | 0.37 |
| 1930.00 | 0.36 |
| 1932.00 | 0.36 |
| 1934.00 | 0.36 |
| 1936.00 | 0.36 |
| 1938.00 | 0.36 |
| 1940.00 | 0.36 |
| 1942.00 | 0.35 |
| 1944.00 | 0.35 |
| 1946.00 | 0.35 |
| 1948.00 | 0.35 |
| 1950.00 | 0.34 |
| 1952.00 | 0.34 |
| 1954.00 | 0.34 |
| 1956.00 | 0.34 |
| 1958.00 | 0.34 |
| 1960.00 | 0.34 |
| 1962.00 | 0.33 |
| 1964.00 | 0.33 |
| 1966.00 | 0.33 |
| 1968.00 | 0.32 |
| 1970.00 | 0.32 |
| 1972.00 | 0.32 |
| 1974.00 | 0.32 |
| 1976.00 | 0.32 |
| 1978.00 | 0.32 |
| 1980.00 | 0.32 |
| 1982.00 | 0.32 |
| 1984.00 | 0.32 |
| 1986.00 | 0.32 |
| 1988.00 | 0.31 |
| 1990.00 | 0.31 |
| 1992.00 | 0.31 |
| 1994.00 | 0.31 |
| 1996.00 | 0.31 |
| 1998.00 | 0.31 |
| 2000.00 | 0.31 |
| 2002.00 | 0.31 |
| 2004.00 | 0.30 |
| 2006.00 | 0.30 |
| 2008.00 | 0.30 |
| 2010.00 | 0.30 |
| 2012.00 | 0.30 |



CHM 003 1103

| Elapsed Time | Value |
|---|---|
| 2014.00 | 0.29 |
| 2016.00 | 0.30 |
| 2018.00 | 0.29 |
| 2020.00 | 0.29 |
| 2022.00 | 0.29 |
| 2024.00 | 0.29 |
| 2026.00 | 0.29 |
| 2028.00 | 0.29 |
| 2030.00 | 0.29 |
| 2032.00 | 0.29 |
| 2034.00 | 0.28 |
| 2036.00 | 0.28 |
| 2038.00 | 0.28 |
| 2040.00 | 0.28 |
| 2042.00 | 0.28 |
| 2044.00 | 0.27 |
| 2046.00 | 0.27 |
| 2048.00 | 0.27 |
| 2050.00 | 0.27 |
| 2052.00 | 0.27 |
| 2054.00 | 0.27 |
| 2056.00 | 0.27 |
| 2058.00 | 0.27 |
| 2060.00 | 0.27 |
| 2062.00 | 0.27 |
| 2064.00 | 0.27 |
| 2066.00 | 0.26 |
| 2068.00 | 0.26 |
| 2070.00 | 0.26 |
| 2072.00 | 0.26 |
| 2074.00 | 0.26 |
| 2076.00 | 0.26 |
| 2078.00 | 0.26 |
| 2080.00 | 0.26 |
| 2082.00 | 0.26 |
| 2084.00 | 0.26 |
| 2086.00 | 0.26 |
| 2088.00 | 0.25 |
| 2090.00 | 0.25 |
| 2092.00 | 0.25 |
| 2094.00 | 0.25 |
| 2096.00 | 0.25 |
| 2098.00 | 0.24 |
| 2100.00 | 0.24 |
| 2102.00 | 0.24 |
| 2104.00 | 0.24 |
| 2106.00 | 0.24 |
| 2108.00 | 0.24 |
| 2110.00 | 0.24 |
| 2112.00 | 0.24 |
| 2114.00 | 0.24 |
| 2116.00 | 0.24 |
| 2118.00 | 0.24 |
| 2120.00 | 0.24 |

| Elapsed Time | Value |
|---|---|
| 2122.00 | 0.24 |
| 2124.00 | 0.23 |
| 2126.00 | 0.23 |
| 2128.00 | 0.23 |
| 2130.00 | 0.23 |
| 2132.00 | 0.23 |
| 2134.00 | 0.23 |
| 2136.00 | 0.23 |
| 2138.00 | 0.22 |
| 2140.00 | 0.22 |
| 2142.00 | 0.22 |
| 2144.00 | 0.22 |
| 2146.00 | 0.22 |
| 2148.00 | 0.22 |
| 2150.00 | 0.22 |
| 2152.00 | 0.22 |
| 2154.00 | 0.22 |
| 2156.00 | 0.22 |
| 2158.00 | 0.22 |
| 2160.00 | 0.22 |
| 2162.00 | 0.22 |
| 2164.00 | 0.22 |
| 2166.00 | 0.22 |
| 2168.00 | 0.21 |
| 2170.00 | 0.22 |
| 2172.00 | 0.21 |
| 2174.00 | 0.21 |
| 2176.00 | 0.21 |
| 2178.00 | 0.21 |
| 2180.00 | 0.21 |
| 2182.00 | 0.21 |
| 2184.00 | 0.21 |
| 2186.00 | 0.20 |
| 2188.00 | 0.20 |
| 2190.00 | 0.20 |
| 2192.00 | 0.20 |
| 2194.00 | 0.20 |
| 2196.00 | 0.20 |
| 2198.00 | 0.20 |
| 2200.00 | 0.20 |
| 2202.00 | 0.20 |
| 2204.00 | 0.20 |
| 2206.00 | 0.20 |
| 2208.00 | 0.20 |
| 2210.00 | 0.20 |
| 2212.00 | 0.20 |
| 2214.00 | 0.20 |
| 2216.00 | 0.20 |
| 2218.00 | 0.20 |
| 2220.00 | 0.19 |
| 2222.00 | 0.19 |
| 2224.00 | 0.19 |
| 2226.00 | 0.19 |
| 2228.00 | 0.19 |



CHM 003 1105

| Elapsed Time | Value |
|---|---|
| 2230.00 | 0.19 |
| 2232.00 | 0.19 |
| 2234.00 | 0.19 |
| 2236.00 | 0.19 |
| 2238.00 | 0.19 |
| 2240.00 | 0.19 |
| 2242.00 | 0.19 |
| 2244.00 | 0.19 |
| 2246.00 | 0.19 |
| 2248.00 | 0.19 |
| 2250.00 | 0.19 |
| 2252.00 | 0.19 |
| 2254.00 | 0.18 |
| 2256.00 | 0.18 |
| 2258.00 | 0.18 |
| 2260.00 | 0.18 |
| 2262.00 | 0.18 |
| 2264.00 | 0.18 |
| 2266.00 | 0.18 |
| 2268.00 | 0.18 |
| 2270.00 | 0.18 |
| 2272.00 | 0.18 |
| 2274.00 | 0.18 |
| 2276.00 | 0.17 |
| 2278.00 | 0.17 |
| 2280.00 | 0.17 |
| 2282.00 | 0.17 |
| 2284.00 | 0.17 |
| 2286.00 | 0.17 |
| 2288.00 | 0.17 |
| 2290.00 | 0.17 |
| 2292.00 | 0.17 |
| 2294.00 | 0.17 |
| 2296.00 | 0.17 |
| 2298.00 | 0.17 |
| 2300.00 | 0.17 |
| 2302.00 | 0.17 |
| 2304.00 | 0.17 |
| 2306.00 | 0.16 |
| 2308.00 | 0.16 |
| 2310.00 | 0.16 |
| 2312.00 | 0.16 |
| 2314.00 | 0.16 |
| 2316.00 | 0.16 |
| 2318.00 | 0.16 |
| 2320.00 | 0.16 |
| 2322.00 | 0.16 |
| 2324.00 | 0.16 |
| 2326.00 | 0.15 |
| 2328.00 | 0.15 |
| 2330.00 | 0.15 |
| 2332.00 | 0.15 |
| 2334.00 | 0.15 |
| 2336.00 | 0.15 |

| Elapsed Time | Value |
|---|---|
| 2338.00 | 0.15 |
| 2340.00 | 0.15 |
| 2342.00 | 0.15 |
| 2344.00 | 0.15 |
| 2346.00 | 0.15 |
| 2348.00 | 0.15 |
| 2350.00 | 0.15 |
| 2352.00 | 0.15 |
| 2354.00 | 0.15 |
| 2356.00 | 0.15 |
| 2358.00 | 0.14 |
| 2360.00 | 0.14 |
| 2362.00 | 0.14 |
| 2364.00 | 0.14 |
| 2366.00 | 0.14 |
| 2368.00 | 0.14 |
| 2370.00 | 0.14 |
| 2372.00 | 0.13 |
| 2374.00 | 0.13 |
| 2376.00 | 0.13 |
| 2378.00 | 0.13 |
| 2380.00 | 0.13 |
| 2382.00 | 0.13 |
| 2384.00 | 0.13 |
| 2386.00 | 0.13 |
| 2388.00 | 0.13 |
| 2390.00 | 0.13 |
| 2392.00 | 0.13 |
| 2394.00 | 0.12 |
| 2396.00 | 0.12 |
| 2398.00 | 0.12 |
| 2400.00 | 0.12 |
| 2402.00 | 0.12 |
| 2404.00 | 0.12 |
| 2406.00 | 0.12 |
| 2408.00 | 0.12 |
| 2410.00 | 0.12 |
| 2412.00 | 0.12 |
| 2414.00 | 0.12 |
| 2416.00 | 0.12 |
| 2418.00 | 0.11 |
| 2420.00 | 0.11 |
| 2422.00 | 0.11 |
| 2424.00 | 0.11 |
| 2426.00 | 0.11 |
| 2428.00 | 0.11 |
| 2430.00 | 0.10 |
| 2432.00 | 0.10 |
| 2434.00 | 0.10 |
| 2436.00 | 0.10 |
| 2438.00 | 0.10 |
| 2440.00 | 0.10 |
| 2442.00 | 0.10 |
| 2444.00 | 0.10 |



CHM 003 1107

| Elapsed Time | Value |
|---|---|
| 2446.00 | 0.10 |
| 2448.00 | 0.10 |
| 2450.00 | 0.10 |
| 2452.00 | 0.09 |
| 2454.00 | 0.09 |
| 2456.00 | 0.09 |
| 2458.00 | 0.09 |
| 2460.00 | 0.09 |
| 2462.00 | 0.08 |
| 2464.00 | 0.09 |
| 2466.00 | 0.08 |
| 2468.00 | 0.08 |
| 2470.00 | 0.08 |
| 2472.00 | 0.08 |
| 2474.00 | 0.08 |
| 2476.00 | 0.08 |
| 2478.00 | 0.08 |
| 2480.00 | 0.08 |
| 2482.00 | 0.08 |
| 2484.00 | 0.08 |
| 2486.00 | 0.08 |
| 2488.00 | 0.07 |
| 2490.00 | 0.07 |
| 2492.00 | 0.07 |
| 2494.00 | 0.07 |
| 2496.00 | 0.07 |
| 2498.00 | 0.07 |
| 2500.00 | 0.07 |
| 2502.00 | 0.06 |
| 2504.00 | 0.06 |
| 2506.00 | 0.06 |
| 2508.00 | 0.06 |
| 2510.00 | 0.06 |
| 2512.00 | 0.06 |
| 2514.00 | 0.06 |
| 2516.00 | 0.06 |
| 2518.00 | 0.06 |
| 2520.00 | 0.06 |
| 2522.00 | 0.05 |
| 2524.00 | 0.05 |
| 2526.00 | 0.05 |
| 2528.00 | 0.05 |
| 2530.00 | 0.05 |
| 2532.00 | 0.05 |
| 2534.00 | 0.05 |
| 2536.00 | 0.05 |
| 2538.00 | 0.05 |
| 2540.00 | 0.05 |
| 2542.00 | 0.05 |
| 2544.00 | 0.05 |
| 2546.00 | 0.04 |
| 2548.00 | 0.04 |
| 2550.00 | 0.04 |
| 2552.00 | 0.04 |



CHM 003 1108

| Elapsed Time | Value |
|---|---|
| 2554.00 | 0.04 |
| 2556.00 | 0.04 |
| 2558.00 | 0.03 |
| 2560.00 | 0.03 |
| 2562.00 | 0.03 |
| 2564.00 | 0.03 |
| 2566.00 | 0.03 |
| 2568.00 | 0.03 |
| 2570.00 | 0.03 |
| 2572.00 | 0.03 |
| 2574.00 | 0.03 |
| 2576.00 | 0.03 |
| 2578.00 | 0.03 |
| 2580.00 | 0.02 |
| 2582.00 | 0.02 |
| 2584.00 | 0.02 |
| 2586.00 | 0.02 |
| 2588.00 | 0.02 |
| 2590.00 | 0.01 |
| 2592.00 | 0.01 |
| 2594.00 | 0.01 |
| 2596.00 | 0.01 |
| 2598.00 | 0.01 |
| 2600.00 | 0.01 |
| 2602.00 | 0.01 |
| 2604.00 | 0.01 |
| 2606.00 | 0.01 |
| 2608.00 | 0.01 |
| 2610.00 | 0.01 |
| 2612.00 | 0.00 |
| 2614.00 | 0.00 |
| 2616.00 | 0.00 |
| 2618.00 | 0.00 |
| 2620.00 | 0.00 |
| 2622.00 | 0.00 |
| 2624.00 | 0.00 |
| 2626.00 | 0.00 |
| 2628.00 | 0.00 |
| 2630.00 | 0.00 |
| 2632.00 | 0.00 |
| 2634.00 | 0.00 |
| 2636.00 | -0.00 |
| 2638.00 | -0.00 |
| 2640.00 | -0.00 |
| 2642.00 | -0.00 |
| 2644.00 | -0.00 |
| 2646.00 | -0.00 |
| 2648.00 | -0.00 |
| 2650.00 | -0.00 |
| 2652.00 | -0.01 |
| 2654.00 | -0.01 |
| 2656.00 | -0.01 |
| 2658.00 | -0.01 |
| 2660.00 | -0.01 |



CHM 003 1109

| Elapsed Time | Value |
|---|---|
| 2662.00 | -0.01 |
| 2664.00 | -0.01 |
| 2666.00 | -0.01 |
| 2668.00 | -0.01 |
| 2670.00 | -0.01 |
| 2672.00 | -0.01 |
| 2674.00 | -0.01 |
| 2676.00 | -0.01 |
| 2678.00 | -0.01 |
| 2680.00 | -0.01 |
| 2682.00 | -0.01 |
| 2684.00 | -0.02 |
| 2686.00 | -0.02 |
| 2688.00 | -0.02 |
| 2690.00 | -0.02 |
| 2692.00 | -0.02 |
| 2694.00 | -0.02 |
| 2696.00 | -0.02 |
| 2698.00 | -0.02 |
| 2700.00 | -0.02 |
| 2702.00 | -0.02 |
| 2704.00 | -0.02 |
| 2706.00 | -0.03 |
| 2708.00 | -0.03 |
| 2710.00 | -0.03 |
| 2712.00 | -0.03 |
| 2714.00 | -0.03 |
| 2716.00 | -0.03 |
| 2718.00 | -0.03 |



CHM 003 1110

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 5-LT PUMP ZONE: 153 - BOTTOM IN DMW-11

WELL ID:

SE2000
Environmental Logger
12/02 12:22

Unit# 151 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC |
| I.D. | DMW11LTS | DMW11LTD | C2LTS | C2LTD |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.096 | 2.309 | 0.068 | 0.059 |
| Scale factor | 20.030 | 250.105 | 100.007 | 99.908 |
| Offset | -0.001 | 0.645 | -0.138 | -0.084 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 12/01 10:12:04

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 0.0000 | -0.006 | 0.000 | 0.000 | -0.031 |
| 1.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 2.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 3.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 4.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 5.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 6.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 7.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 8.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 9.0000 | 0.000 | 0.000 | 0.031 | -0.031 |
| 10.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 11.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 12.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 13.0000 | 0.000 | 0.079 | 0.000 | -0.031 |
| 14.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 15.0000 | 0.000 | 0.079 | 0.000 | -0.031 |
| 16.0000 | 0.000 | 0.079 | 0.000 | -0.031 |
| 17.0000 | 0.000 | 0.079 | 0.000 | -0.031 |
| 18.0000 | -0.006 | 0.000 | 0.000 | -0.031 |
| 19.0000 | -0.006 | 0.079 | 0.000 | -0.031 |
| 20.0000 | 0.000 | 0.000 | 0.000 | -0.031 |
| 21.0000 | 0.000 | 0.079 | 0.000 | -0.031 |
| 22.0000 | -0.006 | 0.079 | 0.000 | -0.031 |
| 23.0000 | 0.000 | 0.079 | 0.000 | -0.031 |
| 24.0000 | -0.006 | 0.079 | 0.000 | -0.031 |
| 25.0000 | -0.006 | 0.079 | 0.000 | -0.031 |
| 26.0000 | -0.394 | 0.237 | -0.126 | -0.189 |
| 27.0000 | -0.286 | 0.396 | -1.105 | -1.136 |



CHM 003 1111

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 28.0000 | -0.349 | 0.475 | -0.410 | 0.000 |
| 29.0000 | -0.286 | 0.396 | -0.252 | 0.126 |
| 30.0000 | -0.254 | 0.475 | -0.221 | 0.157 |
| 31.0000 | -0.235 | 0.475 | -0.189 | 0.189 |
| 32.0000 | -0.228 | 0.475 | -0.189 | 0.189 |
| 33.0000 | -0.228 | 0.475 | -0.189 | 0.189 |
| 34.0000 | -0.228 | 0.475 | -0.189 | 0.157 |
| 35.0000 | -0.228 | 0.475 | -0.157 | 0.157 |
| 36.0000 | -0.222 | 0.475 | -0.189 | 0.157 |
| 37.0000 | -0.222 | 0.475 | -0.157 | 0.157 |
| 38.0000 | -0.222 | 0.475 | -0.189 | 0.126 |
| 39.0000 | -0.222 | 0.475 | -0.157 | 0.126 |
| 40.0000 | -0.222 | 0.475 | -0.189 | 0.126 |
| 41.0000 | -0.222 | 0.475 | -0.157 | 0.094 |
| 42.0000 | -0.222 | 0.475 | -0.157 | 0.094 |
| 43.0000 | -0.222 | 0.475 | -0.157 | 0.063 |
| 44.0000 | -0.222 | 0.475 | -0.157 | 0.031 |
| 45.0000 | -0.222 | 0.475 | -0.157 | 0.031 |
| 46.0000 | -0.216 | 0.475 | -0.157 | 0.000 |
| 47.0000 | -0.216 | 0.475 | -0.157 | 0.000 |
| 48.0000 | -0.216 | 0.475 | -0.157 | -0.031 |
| 49.0000 | -0.216 | 0.475 | -0.157 | -0.031 |
| 50.0000 | -0.216 | 0.475 | -0.157 | -0.063 |
| 51.0000 | -0.216 | 0.475 | -0.157 | -0.063 |
| 52.0000 | -0.216 | 0.475 | -0.157 | -0.094 |
| 53.0000 | -0.209 | 0.475 | -0.157 | -0.094 |
| 54.0000 | -0.209 | 0.475 | -0.157 | -0.094 |
| 55.0000 | -0.209 | 0.475 | -0.126 | -0.126 |
| 56.0000 | -0.209 | 0.475 | -0.126 | -0.126 |
| 57.0000 | -0.209 | 0.475 | -0.126 | -0.126 |
| 58.0000 | -0.209 | 0.475 | -0.157 | -0.126 |
| 59.0000 | -0.209 | 0.475 | -0.126 | -0.126 |
| 60.0000 | -0.209 | 0.475 | -0.126 | -0.157 |
| 61.0000 | -0.209 | 0.475 | -0.157 | -0.157 |
| 62.0000 | -0.209 | 0.396 | -0.157 | -0.157 |
| 63.0000 | -0.209 | 0.396 | -0.157 | -0.157 |
| 64.0000 | -0.209 | 0.396 | -0.157 | -0.157 |
| 65.0000 | -0.222 | 0.475 | -0.189 | 0.126 |
| 66.0000 | -0.235 | 0.475 | -0.157 | 0.220 |
| 67.0000 | -0.292 | 12.362 | -0.189 | 0.820 |
| 68.0000 | -0.298 | 10.936 | -0.221 | 0.820 |
| 69.0000 | -0.298 | 7.053 | -0.189 | 0.725 |
| 70.0000 | -0.279 | 5.706 | -0.284 | 0.662 |
| 71.0000 | -0.292 | 5.785 | -0.284 | 0.694 |
| 72.0000 | -0.279 | 19.017 | -0.252 | 0.946 |
| 73.0000 | -0.260 | 14.739 | -0.284 | 1.104 |
| 74.0000 | -0.248 | 12.362 | -0.221 | 1.009 |
| 75.0000 | -0.248 | 15.373 | -0.221 | 1.230 |
| 76.0000 | -0.235 | 32.165 | -0.221 | 1.293 |
| 77.0000 | -0.222 | 36.440 | -0.189 | 1.830 |
| 78.0000 | -0.203 | 35.095 | -0.157 | 1.893 |
| 79.0000 | -0.197 | 34.936 | -0.189 | 1.988 |
| 80.0000 | -0.190 | 35.015 | -0.221 | 2.051 |
| 81.0000 | -0.171 | 32.482 | -0.189 | 2.019 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 82.0000 | -0.171 | 32.482 | -0.157 | 2.051 |
| 83.0000 | -0.171 | 32.640 | -0.126 | 2.114 |
| 84.0000 | -0.165 | 32.561 | -0.157 | 2.114 |
| 85.0000 | -0.158 | 32.798 | -0.126 | 2.146 |
| 86.0000 | -0.152 | 32.798 | -0.189 | 2.177 |
| 87.0000 | -0.158 | 32.957 | -0.157 | 2.209 |
| 88.0000 | -0.152 | 33.432 | -0.126 | 2.240 |
| 89.0000 | -0.146 | 33.511 | -0.157 | 2.272 |
| 90.0000 | -0.152 | 33.353 | -0.126 | 2.272 |
| 91.0000 | -0.146 | 33.590 | -0.126 | 2.303 |
| 92.0000 | -0.146 | 33.511 | -0.126 | 2.335 |
| 93.0000 | -0.139 | 33.511 | -0.126 | 2.335 |
| 94.0000 | -0.139 | 33.669 | -0.094 | 2.367 |
| 95.0000 | -0.139 | 33.669 | -0.126 | 2.398 |
| 96.0000 | -0.133 | 33.748 | -0.031 | 2.398 |
| 97.0000 | -0.133 | 33.590 | -0.094 | 2.430 |
| 98.0000 | -0.139 | 33.669 | -0.094 | 2.430 |
| 99.0000 | -0.127 | 33.907 | -0.126 | 2.430 |
| 100.000 | -0.127 | 33.748 | -0.126 | 2.430 |
| 101.000 | -0.133 | 33.669 | -0.094 | 2.461 |
| 102.000 | -0.120 | 33.669 | -0.031 | 2.461 |
| 103.000 | -0.127 | 33.748 | -0.094 | 2.493 |
| 104.000 | -0.127 | 33.669 | -0.094 | 2.493 |
| 105.000 | -0.127 | 33.669 | -0.094 | 2.524 |
| 106.000 | -0.127 | 33.748 | -0.126 | 2.524 |
| 107.000 | -0.127 | 33.748 | -0.094 | 2.524 |
| 108.000 | -0.114 | 33.828 | -0.094 | 2.524 |
| 109.000 | -0.114 | 33.828 | -0.094 | 2.493 |
| 110.000 | -0.114 | 33.907 | -0.094 | 2.461 |
| 111.000 | -0.108 | 33.669 | -0.094 | 2.430 |
| 112.000 | -0.108 | 33.828 | -0.063 | 2.367 |
| 113.000 | -0.101 | 33.828 | -0.063 | 2.303 |
| 114.000 | -0.095 | 33.828 | -0.063 | 2.272 |
| 115.000 | -0.095 | 33.828 | -0.063 | 2.177 |
| 116.000 | -0.089 | 33.828 | -0.031 | 2.051 |
| 117.000 | -0.082 | 33.907 | -0.031 | 2.019 |
| 118.000 | -0.076 | 35.015 | 0.000 | 1.862 |
| 119.000 | -0.057 | 58.601 | 0.031 | 2.114 |
| 120.000 | -0.044 | 58.760 | 0.094 | 1.956 |
| 121.000 | -0.019 | 58.839 | 0.157 | 1.514 |
| 122.000 | 0.012 | 58.997 | 0.189 | 1.388 |
| 123.000 | 0.031 | 58.997 | 0.252 | 1.136 |
| 124.000 | 0.057 | 59.234 | 0.284 | 0.946 |
| 125.000 | 0.069 | 59.313 | 0.347 | 0.820 |
| 126.000 | 0.063 | 59.709 | 0.221 | 2.745 |
| 127.000 | 0.025 | 59.551 | 0.157 | 3.061 |
| 128.000 | 0.019 | 59.392 | 0.094 | 3.061 |
| 129.000 | 0.012 | 59.630 | 0.094 | 3.092 |
| 130.000 | 0.012 | 59.551 | 0.063 | 3.092 |
| 131.000 | 0.012 | 59.472 | 0.094 | 3.092 |
| 132.000 | 0.006 | 59.788 | 0.063 | 3.124 |
| 133.000 | 0.019 | 59.867 | 0.094 | 3.156 |
| 134.000 | 0.019 | 59.630 | 0.094 | 3.187 |
| 135.000 | 0.012 | 60.104 | 0.063 | 3.187 |



CHM 003 1113

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 136.000 | 0.019 | 60.104 | 0.063 | 3.187 |
| 137.000 | 0.019 | 60.263 | 0.063 | 3.187 |
| 138.000 | 0.025 | 60.342 | 0.063 | 3.219 |
| 139.000 | 0.031 | 60.500 | 0.063 | 3.250 |
| 140.000 | 0.031 | 60.500 | 0.031 | 3.250 |
| 141.000 | 0.038 | 60.421 | 0.031 | 3.219 |
| 142.000 | 0.038 | 60.579 | 0.094 | 3.250 |
| 143.000 | 0.031 | 60.342 | 0.063 | 3.250 |
| 144.000 | 0.038 | 60.737 | 0.031 | 3.250 |
| 145.000 | 0.044 | 60.737 | 0.063 | 3.250 |
| 146.000 | 0.044 | 60.737 | 0.126 | 3.250 |
| 147.000 | 0.050 | 60.817 | 0.126 | 3.250 |
| 148.000 | 0.050 | 60.817 | 0.094 | 3.282 |
| 149.000 | 0.050 | 61.133 | 0.094 | 3.282 |
| 150.000 | 0.050 | 60.737 | 0.126 | 3.282 |
| 151.000 | 0.050 | 60.817 | 0.126 | 3.282 |
| 152.000 | 0.050 | 60.817 | 0.094 | 3.313 |
| 153.000 | 0.057 | 60.817 | 0.094 | 3.313 |
| 154.000 | 0.057 | 60.579 | 0.063 | 3.313 |
| 155.000 | 0.063 | 60.737 | 0.157 | 3.313 |
| 156.000 | 0.063 | 60.500 | 0.063 | 3.345 |
| 157.000 | 0.063 | 60.500 | 0.094 | 3.345 |
| 158.000 | 0.063 | 60.421 | 0.094 | 3.345 |
| 159.000 | 0.063 | 60.421 | 0.126 | 3.345 |
| 160.000 | 0.069 | 60.658 | 0.126 | 3.345 |
| 161.000 | 0.069 | 60.579 | 0.094 | 3.345 |
| 162.000 | 0.063 | 60.658 | 0.063 | 3.345 |
| 163.000 | 0.076 | 60.579 | 0.126 | 3.345 |
| 164.000 | 0.076 | 61.449 | 0.157 | 3.345 |
| 165.000 | 0.069 | 60.817 | 0.094 | 3.376 |
| 166.000 | 0.076 | 60.896 | 0.126 | 3.345 |
| 167.000 | 0.076 | 60.500 | 0.126 | 3.376 |
| 168.000 | 0.082 | 60.737 | 0.126 | 3.376 |
| 169.000 | 0.082 | 60.737 | 0.094 | 3.408 |
| 170.000 | 0.089 | 61.212 | 0.094 | 3.408 |
| 171.000 | 0.082 | 60.579 | 0.063 | 3.408 |
| 172.000 | 0.089 | 61.449 | 0.126 | 3.440 |
| 173.000 | 0.089 | 61.212 | 0.157 | 3.440 |
| 174.000 | 0.089 | 60.975 | 0.126 | 3.440 |
| 175.000 | 0.095 | 60.896 | 0.189 | 3.440 |
| 176.000 | 0.089 | 61.370 | 0.157 | 3.440 |
| 177.000 | 0.089 | 61.212 | 0.157 | 3.440 |
| 178.000 | 0.095 | 61.054 | 0.189 | 3.440 |
| 179.000 | 0.095 | 61.608 | 0.126 | 3.440 |
| 180.000 | 0.095 | 61.054 | 0.126 | 3.440 |
| 181.000 | 0.101 | 60.975 | 0.126 | 3.440 |
| 182.000 | 0.095 | 60.896 | 0.126 | 3.440 |
| 183.000 | 0.101 | 61.529 | 0.094 | 3.440 |
| 184.000 | 0.101 | 61.133 | 0.126 | 3.440 |
| 185.000 | 0.101 | 61.370 | 0.126 | 3.440 |
| 186.000 | 0.101 | 60.896 | 0.126 | 3.440 |
| 187.000 | 0.101 | 61.449 | 0.189 | 3.440 |
| 188.000 | 0.101 | 61.054 | 0.126 | 3.440 |
| 189.000 | 0.108 | 61.449 | 0.126 | 3.440 |



CHM 003 1114

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 190.000 | 0.114 | 61.291 | 0.157 | 3.440 |
| 191.000 | 0.114 | 61.766 | 0.126 | 3.440 |
| 192.000 | 0.114 | 60.817 | 0.157 | 3.440 |
| 193.000 | 0.114 | 61.291 | 0.189 | 3.440 |
| 194.000 | 0.114 | 61.449 | 0.157 | 3.471 |
| 195.000 | 0.114 | 61.529 | 0.189 | 3.440 |
| 196.000 | 0.114 | 61.608 | 0.189 | 3.471 |
| 197.000 | 0.114 | 61.529 | 0.189 | 3.471 |
| 198.000 | 0.120 | 61.529 | 0.157 | 3.503 |
| 199.000 | 0.120 | 61.608 | 0.157 | 3.471 |
| 200.000 | 0.114 | 61.608 | 0.221 | 3.471 |
| 201.000 | 0.114 | 60.817 | 0.157 | 3.503 |
| 202.000 | 0.120 | 61.054 | 0.157 | 3.471 |
| 203.000 | 0.120 | 61.687 | 0.126 | 3.471 |
| 204.000 | 0.127 | 61.845 | 0.221 | 3.503 |
| 205.000 | 0.127 | 61.608 | 0.157 | 3.503 |
| 206.000 | 0.127 | 62.082 | 0.189 | 3.503 |
| 207.000 | 0.127 | 61.291 | 0.189 | 3.503 |
| 208.000 | 0.120 | 61.766 | 0.189 | 3.503 |
| 209.000 | 0.127 | 61.687 | 0.221 | 3.503 |
| 210.000 | 0.127 | 61.608 | 0.189 | 3.503 |
| 211.000 | 0.133 | 61.766 | 0.189 | 3.503 |
| 212.000 | 0.133 | 61.766 | 0.221 | 3.503 |
| 213.000 | 0.127 | 62.003 | 0.189 | 3.503 |
| 214.000 | 0.127 | 61.766 | 0.189 | 3.503 |
| 215.000 | 0.133 | 61.529 | 0.252 | 3.471 |
| 216.000 | 0.133 | 61.924 | 0.252 | 3.503 |
| 217.000 | 0.133 | 61.845 | 0.252 | 3.503 |
| 218.000 | 0.139 | 61.924 | 0.189 | 3.503 |
| 219.000 | 0.133 | 61.529 | 0.189 | 3.503 |
| 220.000 | 0.139 | 61.370 | 0.189 | 3.534 |
| 221.000 | 0.139 | 62.003 | 0.157 | 3.503 |
| 222.000 | 0.133 | 61.291 | 0.221 | 3.503 |
| 223.000 | 0.139 | 62.003 | 0.252 | 3.503 |
| 224.000 | 0.146 | 61.370 | 0.189 | 3.503 |
| 225.000 | 0.139 | 61.924 | 0.221 | 3.503 |
| 226.000 | 0.146 | 61.924 | 0.189 | 3.534 |
| 227.000 | 0.139 | 61.924 | 0.221 | 3.534 |
| 228.000 | 0.146 | 61.529 | 0.157 | 3.566 |
| 229.000 | 0.139 | 61.370 | 0.189 | 3.534 |
| 230.000 | 0.146 | 62.003 | 0.284 | 3.566 |
| 231.000 | 0.146 | 61.370 | 0.189 | 3.566 |
| 232.000 | 0.146 | 61.687 | 0.221 | 3.566 |
| 233.000 | 0.146 | 61.291 | 0.157 | 3.566 |
| 234.000 | 0.139 | 61.845 | 0.221 | 3.566 |
| 235.000 | 0.139 | 62.241 | 0.126 | 3.566 |
| 236.000 | 0.139 | 61.212 | 0.157 | 3.566 |
| 237.000 | 0.152 | 62.082 | 0.189 | 3.597 |
| 238.000 | 0.146 | 61.449 | 0.157 | 3.597 |
| 239.000 | 0.146 | 62.082 | 0.157 | 3.597 |
| 240.000 | 0.146 | 62.003 | 0.157 | 3.597 |
| 241.000 | 0.152 | 62.082 | 0.221 | 3.597 |
| 242.000 | 0.146 | 62.161 | 0.221 | 3.597 |
| 243.000 | 0.146 | 62.082 | 0.189 | 3.597 |



CHM 003 1115

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 244.000 | 0.152 | 62.161 | 0.221 | 3.566 |
| 245.000 | 0.146 | 61.608 | 0.221 | 3.597 |
| 246.000 | 0.152 | 62.320 | 0.221 | 3.597 |
| 247.000 | 0.152 | 62.320 | 0.221 | 3.629 |
| 248.000 | 0.152 | 62.161 | 0.189 | 3.629 |
| 249.000 | 0.158 | 61.529 | 0.221 | 3.629 |
| 250.000 | 0.158 | 62.161 | 0.221 | 3.629 |
| 251.000 | 0.152 | 62.241 | 0.252 | 3.629 |
| 252.000 | 0.158 | 62.161 | 0.221 | 3.661 |
| 253.000 | 0.158 | 62.161 | 0.189 | 3.629 |
| 254.000 | 0.158 | 61.924 | 0.221 | 3.629 |
| 255.000 | 0.158 | 62.399 | 0.189 | 3.661 |
| 256.000 | 0.165 | 62.320 | 0.189 | 3.629 |
| 257.000 | 0.158 | 62.399 | 0.252 | 3.629 |
| 258.000 | 0.158 | 62.636 | 0.221 | 3.661 |
| 259.000 | 0.165 | 62.241 | 0.157 | 3.661 |
| 260.000 | 0.158 | 62.161 | 0.221 | 3.661 |
| 261.000 | 0.165 | 61.687 | 0.189 | 3.661 |
| 262.000 | 0.165 | 61.924 | 0.189 | 3.661 |
| 263.000 | 0.165 | 62.399 | 0.221 | 3.661 |
| 264.000 | 0.165 | 62.241 | 0.189 | 3.661 |
| 265.000 | 0.165 | 62.399 | 0.221 | 3.661 |
| 266.000 | 0.165 | 62.478 | 0.221 | 3.661 |
| 267.000 | 0.171 | 62.320 | 0.221 | 3.661 |
| 268.000 | 0.165 | 62.320 | 0.221 | 3.661 |
| 269.000 | 0.171 | 62.320 | 0.252 | 3.661 |
| 270.000 | 0.171 | 62.003 | 0.221 | 3.661 |
| 271.000 | 0.171 | 62.082 | 0.221 | 3.661 |
| 272.000 | 0.171 | 62.320 | 0.189 | 3.661 |
| 273.000 | 0.171 | 62.161 | 0.157 | 3.661 |
| 274.000 | 0.171 | 62.082 | 0.189 | 3.692 |
| 275.000 | 0.171 | 62.478 | 0.189 | 3.692 |
| 276.000 | 0.165 | 62.161 | 0.189 | 3.661 |
| 277.000 | 0.171 | 62.241 | 0.126 | 3.692 |
| 278.000 | 0.171 | 62.557 | 0.221 | 3.692 |
| 279.000 | 0.171 | 62.241 | 0.189 | 3.692 |
| 280.000 | 0.171 | 62.320 | 0.221 | 3.692 |
| 281.000 | 0.178 | 62.320 | 0.221 | 3.692 |
| 282.000 | 0.171 | 62.320 | 0.221 | 3.692 |
| 283.000 | 0.178 | 62.399 | 0.221 | 3.692 |
| 284.000 | 0.171 | 61.845 | 0.221 | 3.692 |
| 285.000 | 0.178 | 62.082 | 0.221 | 3.692 |
| 286.000 | 0.178 | 62.478 | 0.221 | 3.692 |
| 287.000 | 0.178 | 62.478 | 0.252 | 3.692 |
| 288.000 | 0.184 | 61.766 | 0.189 | 3.692 |
| 289.000 | 0.178 | 62.320 | 0.221 | 3.692 |
| 290.000 | 0.178 | 62.161 | 0.189 | 3.692 |
| 291.000 | 0.178 | 62.241 | 0.157 | 3.692 |
| 292.000 | 0.178 | 62.399 | 0.189 | 3.692 |
| 293.000 | 0.178 | 61.687 | 0.189 | 3.692 |
| 294.000 | 0.184 | 62.399 | 0.221 | 3.692 |
| 295.000 | 0.184 | 62.478 | 0.252 | 3.692 |
| 296.000 | 0.184 | 62.478 | 0.252 | 3.692 |
| 297.000 | 0.184 | 62.557 | 0.221 | 3.692 |



CHM 003 1116

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 298.000 | 0.184 | 62.478 | 0.221 | 3.692 |
| 299.000 | 0.184 | 62.478 | 0.252 | 3.692 |
| 300.000 | 0.184 | 62.320 | 0.252 | 3.692 |
| 301.000 | 0.184 | 62.557 | 0.252 | 3.692 |
| 302.000 | 0.184 | 62.636 | 0.252 | 3.692 |
| 303.000 | 0.184 | 62.478 | 0.252 | 3.692 |
| 304.000 | 0.190 | 62.241 | 0.252 | 3.692 |
| 305.000 | 0.190 | 62.715 | 0.252 | 3.692 |
| 306.000 | 0.190 | 62.557 | 0.221 | 3.692 |
| 307.000 | 0.190 | 62.636 | 0.221 | 3.692 |
| 308.000 | 0.190 | 62.715 | 0.221 | 3.724 |
| 309.000 | 0.184 | 62.241 | 0.252 | 3.692 |
| 310.000 | 0.190 | 62.715 | 0.221 | 3.692 |
| 311.000 | 0.190 | 62.636 | 0.189 | 3.724 |
| 312.000 | 0.190 | 62.715 | 0.221 | 3.724 |
| 313.000 | 0.197 | 62.557 | 0.189 | 3.724 |
| 314.000 | 0.197 | 62.557 | 0.284 | 3.724 |
| 315.000 | 0.197 | 62.557 | 0.252 | 3.724 |
| 316.000 | 0.197 | 62.636 | 0.252 | 3.724 |
| 317.000 | 0.197 | 62.478 | 0.284 | 3.724 |
| 318.000 | 0.190 | 62.794 | 0.252 | 3.724 |
| 319.000 | 0.197 | 62.794 | 0.221 | 3.724 |
| 320.000 | 0.197 | 62.715 | 0.221 | 3.724 |
| 321.000 | 0.203 | 62.636 | 0.221 | 3.724 |
| 322.000 | 0.197 | 62.794 | 0.284 | 3.724 |
| 323.000 | 0.197 | 62.794 | 0.252 | 3.724 |
| 324.000 | 0.197 | 62.636 | 0.221 | 3.724 |
| 325.000 | 0.197 | 62.794 | 0.221 | 3.724 |
| 326.000 | 0.197 | 62.794 | 0.189 | 3.755 |
| 327.000 | 0.203 | 62.715 | 0.252 | 3.755 |
| 328.000 | 0.197 | 62.715 | 0.221 | 3.724 |
| 329.000 | 0.203 | 62.715 | 0.221 | 3.755 |
| 330.000 | 0.203 | 62.715 | 0.189 | 3.724 |
| 331.000 | 0.209 | 62.715 | 0.189 | 3.724 |
| 332.000 | 0.203 | 62.794 | 0.252 | 3.724 |
| 333.000 | 0.203 | 62.715 | 0.221 | 3.755 |
| 334.000 | 0.203 | 62.241 | 0.189 | 3.755 |
| 335.000 | 0.209 | 62.794 | 0.252 | 3.755 |
| 336.000 | 0.197 | 62.320 | 0.221 | 3.755 |
| 337.000 | 0.203 | 62.636 | 0.284 | 3.755 |
| 338.000 | 0.203 | 62.557 | 0.252 | 3.755 |
| 339.000 | 0.203 | 62.715 | 0.189 | 3.755 |
| 340.000 | 0.209 | 62.636 | 0.252 | 3.755 |
| 341.000 | 0.203 | 62.636 | 0.221 | 3.755 |
| 342.000 | 0.216 | 62.478 | 0.221 | 3.787 |
| 343.000 | 0.209 | 62.715 | 0.189 | 3.755 |
| 344.000 | 0.209 | 62.715 | 0.221 | 3.755 |
| 345.000 | 0.209 | 62.715 | 0.252 | 3.755 |
| 346.000 | 0.203 | 62.320 | 0.252 | 3.755 |
| 347.000 | 0.209 | 62.557 | 0.252 | 3.787 |
| 348.000 | 0.209 | 62.715 | 0.252 | 3.787 |
| 349.000 | 0.216 | 62.161 | 0.284 | 3.787 |
| 350.000 | 0.209 | 62.557 | 0.221 | 3.787 |
| 351.000 | 0.216 | 62.636 | 0.221 | 3.787 |



CHM 003 1117

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 352.000 | 0.216 | 62.320 | 0.252 | 3.787 |
| 353.000 | 0.203 | 62.873 | 0.252 | 3.787 |
| 354.000 | 0.209 | 62.794 | 0.221 | 3.787 |
| 355.000 | 0.209 | 62.241 | 0.252 | 3.787 |
| 356.000 | 0.209 | 62.557 | 0.221 | 3.787 |
| 357.000 | 0.216 | 62.715 | 0.221 | 3.787 |
| 358.000 | 0.222 | 62.161 | 0.252 | 3.787 |
| 359.000 | 0.222 | 62.320 | 0.221 | 3.787 |
| 360.000 | 0.216 | 62.636 | 0.221 | 3.787 |
| 361.000 | 0.209 | 62.794 | 0.189 | 3.787 |
| 362.000 | 0.216 | 62.794 | 0.252 | 3.787 |
| 363.000 | 0.216 | 62.715 | 0.252 | 3.787 |
| 364.000 | 0.216 | 62.636 | 0.221 | 3.787 |
| 365.000 | 0.216 | 63.032 | 0.284 | 3.787 |
| 366.000 | 0.216 | 62.478 | 0.252 | 3.787 |
| 367.000 | 0.216 | 62.794 | 0.221 | 3.787 |
| 368.000 | 0.216 | 62.557 | 0.252 | 3.787 |
| 369.000 | 0.216 | 62.636 | 0.221 | 3.787 |
| 370.000 | 0.222 | 62.241 | 0.252 | 3.787 |
| 371.000 | 0.222 | 62.557 | 0.315 | 3.787 |
| 372.000 | 0.216 | 62.873 | 0.284 | 3.787 |
| 373.000 | 0.222 | 62.478 | 0.284 | 3.787 |
| 374.000 | 0.222 | 62.478 | 0.284 | 3.787 |
| 375.000 | 0.228 | 62.320 | 0.252 | 3.787 |
| 376.000 | 0.222 | 62.715 | 0.252 | 3.787 |
| 377.000 | 0.228 | 62.399 | 0.252 | 3.787 |
| 378.000 | 0.222 | 62.794 | 0.284 | 3.818 |
| 379.000 | 0.228 | 62.557 | 0.252 | 3.818 |
| 380.000 | 0.228 | 62.320 | 0.252 | 3.787 |
| 381.000 | 0.228 | 62.715 | 0.252 | 3.787 |
| 382.000 | 0.235 | 62.557 | 0.284 | 3.787 |
| 383.000 | 0.228 | 62.794 | 0.284 | 3.818 |
| 384.000 | 0.228 | 62.557 | 0.221 | 3.787 |
| 385.000 | 0.228 | 62.320 | 0.252 | 3.818 |
| 386.000 | 0.235 | 63.032 | 0.221 | 3.818 |
| 387.000 | 0.235 | 62.557 | 0.221 | 3.818 |
| 388.000 | 0.228 | 62.715 | 0.284 | 3.818 |
| 389.000 | 0.235 | 62.873 | 0.252 | 3.818 |
| 390.000 | 0.235 | 62.636 | 0.284 | 3.787 |
| 391.000 | 0.241 | 62.399 | 0.284 | 3.787 |
| 392.000 | 0.235 | 63.111 | 0.284 | 3.787 |
| 393.000 | 0.235 | 62.794 | 0.284 | 3.787 |
| 394.000 | 0.235 | 62.557 | 0.284 | 3.787 |
| 395.000 | 0.235 | 62.636 | 0.252 | 3.787 |
| 396.000 | 0.241 | 62.873 | 0.284 | 3.787 |
| 397.000 | 0.241 | 62.715 | 0.284 | 3.755 |
| 398.000 | 0.235 | 62.715 | 0.284 | 3.755 |
| 399.000 | 0.248 | 62.715 | 0.284 | 3.724 |
| 400.000 | 0.248 | 62.557 | 0.252 | 3.724 |
| 401.000 | 0.248 | 62.794 | 0.284 | 3.755 |
| 402.000 | 0.254 | 62.715 | 0.284 | 3.724 |
| 403.000 | 0.254 | 62.715 | 0.284 | 3.692 |
| 404.000 | 0.254 | 62.557 | 0.284 | 3.692 |
| 405.000 | 0.254 | 62.952 | 0.284 | 3.661 |



CHM 003 1118

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 406.000 | 0.260 | 62.715 | 0.252 | 3.661 |
| 407.000 | 0.254 | 62.794 | 0.284 | 3.661 |
| 408.000 | 0.260 | 63.032 | 0.284 | 3.661 |
| 409.000 | 0.260 | 62.952 | 0.284 | 3.629 |
| 410.000 | 0.260 | 62.952 | 0.347 | 3.597 |
| 411.000 | 0.260 | 63.111 | 0.315 | 3.566 |
| 412.000 | 0.273 | 62.715 | 0.315 | 3.597 |
| 413.000 | 0.260 | 63.269 | 0.347 | 3.503 |
| 414.000 | 0.267 | 63.032 | 0.315 | 3.503 |
| 415.000 | 0.273 | 63.032 | 0.315 | 3.440 |
| 416.000 | 0.273 | 62.873 | 0.315 | 3.376 |
| 417.000 | 0.279 | 63.111 | 0.315 | 3.345 |
| 418.000 | 0.279 | 62.794 | 0.347 | 3.250 |
| 419.000 | 0.286 | 62.873 | 0.347 | 3.219 |
| 420.000 | 0.286 | 62.952 | 0.347 | 3.187 |
| 421.000 | 0.292 | 62.794 | 0.378 | 3.092 |
| 422.000 | 0.305 | 62.715 | 0.378 | 2.998 |
| 423.000 | 0.298 | 62.794 | 0.378 | 2.935 |
| 424.000 | 0.311 | 62.952 | 0.410 | 2.808 |
| 425.000 | 0.317 | 62.873 | 0.410 | 2.777 |
| 426.000 | 0.324 | 63.032 | 0.442 | 2.682 |
| 427.000 | 0.324 | 62.952 | 0.442 | 2.587 |
| 428.000 | 0.330 | 63.111 | 0.473 | 2.461 |
| 429.000 | 0.343 | 62.952 | 0.473 | 2.398 |
| 430.000 | 0.343 | 62.715 | 0.473 | 2.335 |
| 431.000 | 0.349 | 62.794 | 0.473 | 2.367 |
| 432.000 | 0.356 | 63.111 | 0.473 | 2.335 |
| 433.000 | 0.356 | 63.111 | 0.505 | 2.240 |
| 434.000 | 0.362 | 62.715 | 0.505 | 2.083 |
| 435.000 | 0.375 | 62.794 | 0.536 | 2.051 |
| 436.000 | 0.368 | 63.032 | 0.536 | 1.988 |
| 437.000 | 0.381 | 62.794 | 0.568 | 1.925 |
| 438.000 | 0.387 | 63.111 | 0.568 | 1.767 |
| 439.000 | 0.394 | 62.952 | 0.599 | 1.641 |
| 440.000 | 0.400 | 62.952 | 0.599 | 1.578 |
| 441.000 | 0.407 | 62.873 | 0.631 | 1.483 |
| 442.000 | 0.419 | 62.794 | 0.663 | 1.388 |
| 443.000 | 0.426 | 62.557 | 0.663 | 1.357 |
| 444.000 | 0.432 | 62.873 | 0.663 | 1.262 |
| 445.000 | 0.438 | 62.794 | 0.694 | 1.230 |
| 446.000 | 0.445 | 63.032 | 0.694 | 1.199 |
| 447.000 | 0.445 | 62.715 | 0.694 | 1.136 |
| 448.000 | 0.445 | 62.794 | 0.726 | 1.073 |
| 449.000 | 0.451 | 63.032 | 0.726 | 1.041 |
| 450.000 | 0.457 | 62.794 | 0.726 | 1.041 |
| 451.000 | 0.464 | 62.715 | 0.726 | 1.009 |
| 452.000 | 0.464 | 62.952 | 0.726 | 0.978 |
| 453.000 | 0.464 | 63.032 | 0.726 | 0.946 |
| 454.000 | 0.464 | 62.873 | 0.726 | 0.915 |
| 455.000 | 0.464 | 62.794 | 0.757 | 0.915 |
| 456.000 | 0.470 | 63.032 | 0.726 | 0.915 |
| 457.000 | 0.464 | 62.952 | 0.726 | 0.915 |
| 458.000 | 0.470 | 62.873 | 0.726 | 0.883 |
| 459.000 | 0.476 | 63.032 | 0.757 | 0.883 |



CHM 003 1119

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 460.000 | 0.476 | 62.873 | 0.757 | 0.852 |
| 461.000 | 0.476 | 63.032 | 0.757 | 0.852 |
| 462.000 | 0.476 | 63.111 | 0.757 | 0.820 |
| 463.000 | 0.483 | 63.032 | 0.757 | 0.820 |
| 464.000 | 0.483 | 62.794 | 0.757 | 0.820 |
| 465.000 | 0.483 | 62.873 | 0.757 | 0.820 |
| 466.000 | 0.489 | 62.873 | 0.757 | 0.820 |
| 467.000 | 0.483 | 62.794 | 0.757 | 0.820 |
| 468.000 | 0.489 | 62.873 | 0.757 | 0.789 |
| 469.000 | 0.483 | 62.952 | 0.757 | 0.789 |
| 470.000 | 0.489 | 62.873 | 0.757 | 0.789 |
| 471.000 | 0.489 | 62.873 | 0.757 | 0.789 |
| 472.000 | 0.496 | 62.715 | 0.757 | 0.789 |
| 473.000 | 0.496 | 62.794 | 0.757 | 0.789 |
| 474.000 | 0.489 | 62.952 | 0.757 | 0.757 |
| 475.000 | 0.489 | 63.032 | 0.757 | 0.757 |
| 476.000 | 0.489 | 62.715 | 0.757 | 0.757 |
| 477.000 | 0.496 | 63.190 | 0.789 | 0.789 |
| 478.000 | 0.496 | 62.873 | 0.757 | 0.789 |
| 479.000 | 0.502 | 62.952 | 0.757 | 0.757 |
| 480.000 | 0.496 | 63.032 | 0.757 | 0.757 |
| 481.000 | 0.489 | 63.032 | 0.789 | 0.757 |
| 482.000 | 0.502 | 62.873 | 0.789 | 0.757 |
| 483.000 | 0.502 | 62.873 | 0.789 | 0.757 |
| 484.000 | 0.496 | 62.715 | 0.757 | 0.757 |
| 485.000 | 0.559 | 62.952 | 1.357 | 1.357 |
| 486.000 | 0.457 | 62.794 | 0.347 | 2.619 |
| 487.000 | 0.407 | 62.873 | 0.410 | 3.313 |
| 488.000 | 0.394 | 63.032 | 0.473 | 3.345 |
| 489.000 | 0.400 | 62.952 | 0.473 | 3.313 |
| 490.000 | 0.381 | 62.952 | 0.410 | 3.313 |
| 491.000 | 0.375 | 62.952 | 0.410 | 3.282 |
| 492.000 | 0.375 | 62.873 | 0.410 | 3.250 |
| 493.000 | 0.368 | 62.952 | 0.410 | 3.156 |
| 494.000 | 0.368 | 62.794 | 0.410 | 3.061 |
| 495.000 | 0.375 | 62.952 | 0.442 | 2.903 |
| 496.000 | 0.375 | 62.873 | 0.473 | 2.745 |
| 497.000 | 0.387 | 62.952 | 0.473 | 2.556 |
| 498.000 | 0.394 | 62.873 | 0.505 | 2.430 |
| 499.000 | 0.400 | 63.032 | 0.536 | 2.209 |
| 500.000 | 0.407 | 62.952 | 0.568 | 1.925 |
| 501.000 | 0.419 | 63.111 | 0.599 | 1.641 |
| 502.000 | 0.432 | 63.111 | 0.631 | 1.420 |
| 503.000 | 0.445 | 62.873 | 0.663 | 1.167 |
| 504.000 | 0.457 | 63.190 | 0.694 | 1.041 |
| 505.000 | 0.470 | 62.952 | 0.694 | 0.915 |
| 506.000 | 0.470 | 62.794 | 0.726 | 0.852 |
| 507.000 | 0.476 | 63.032 | 0.726 | 0.789 |
| 508.000 | 0.489 | 63.032 | 0.757 | 0.789 |
| 509.000 | 0.489 | 63.111 | 0.726 | 0.789 |
| 510.000 | 0.483 | 62.794 | 0.726 | 0.789 |
| 511.000 | 0.489 | 62.715 | 0.726 | 0.789 |
| 512.000 | 0.489 | 62.952 | 0.726 | 0.820 |
| 513.000 | 0.483 | 63.032 | 0.757 | 0.820 |



CHM 003 1120

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 514.000 | 0.496 | 62.715 | 0.757 | 0.789 |
| 515.000 | 0.496 | 62.873 | 0.757 | 0.820 |
| 516.000 | 0.489 | 62.794 | 0.757 | 0.820 |
| 517.000 | 0.496 | 62.794 | 0.757 | 0.820 |
| 518.000 | 0.496 | 63.032 | 0.726 | 0.820 |
| 519.000 | 0.496 | 62.794 | 0.726 | 0.820 |
| 520.000 | 0.496 | 62.873 | 0.757 | 0.820 |
| 521.000 | 0.496 | 62.873 | 0.757 | 0.820 |
| 522.000 | 0.496 | 62.794 | 0.757 | 0.820 |
| 523.000 | 0.496 | 62.557 | 0.726 | 0.820 |
| 524.000 | 0.496 | 62.952 | 0.726 | 0.820 |
| 525.000 | 0.496 | 62.794 | 0.726 | 0.820 |
| 526.000 | 0.508 | 62.794 | 0.757 | 0.820 |
| 527.000 | 0.502 | 62.952 | 0.757 | 0.820 |
| 528.000 | 0.508 | 63.111 | 0.757 | 0.820 |
| 529.000 | 0.496 | 62.873 | 0.726 | 0.820 |
| 530.000 | 0.502 | 62.873 | 0.757 | 0.820 |
| 531.000 | 0.502 | 62.636 | 0.757 | 0.820 |
| 532.000 | 0.496 | 63.032 | 0.757 | 0.820 |
| 533.000 | 0.502 | 62.794 | 0.726 | 0.820 |
| 534.000 | 0.508 | 62.715 | 0.726 | 0.820 |
| 535.000 | 0.502 | 62.873 | 0.726 | 0.820 |
| 536.000 | 0.496 | 62.873 | 0.757 | 0.820 |
| 537.000 | 0.502 | 62.715 | 0.757 | 0.820 |
| 538.000 | 0.502 | 62.794 | 0.757 | 0.820 |
| 539.000 | 0.508 | 62.636 | 0.757 | 0.820 |
| 540.000 | 0.508 | 62.873 | 0.757 | 0.820 |
| 541.000 | 0.508 | 62.952 | 0.757 | 0.820 |
| 542.000 | 0.502 | 62.873 | 0.726 | 0.820 |
| 543.000 | 0.502 | 62.873 | 0.757 | 0.820 |
| 544.000 | 0.515 | 62.873 | 0.726 | 0.820 |
| 545.000 | 0.502 | 62.952 | 0.757 | 0.820 |
| 546.000 | 0.508 | 62.794 | 0.757 | 0.820 |
| 547.000 | 0.502 | 62.873 | 0.757 | 0.820 |
| 548.000 | 0.508 | 62.873 | 0.757 | 0.820 |
| 549.000 | 0.508 | 62.952 | 0.757 | 0.820 |
| 550.000 | 0.508 | 62.794 | 0.757 | 0.820 |
| 551.000 | 0.508 | 62.873 | 0.726 | 0.820 |
| 552.000 | 0.508 | 62.952 | 0.757 | 0.820 |
| 553.000 | 0.508 | 62.873 | 0.757 | 0.820 |
| 554.000 | 0.515 | 62.873 | 0.757 | 0.820 |
| 555.000 | 0.508 | 62.873 | 0.757 | 0.820 |
| 556.000 | 0.508 | 62.557 | 0.757 | 0.820 |
| 557.000 | 0.508 | 62.794 | 0.757 | 0.820 |
| 558.000 | 0.515 | 62.794 | 0.757 | 0.820 |
| 559.000 | 0.508 | 62.794 | 0.757 | 0.820 |
| 560.000 | 0.515 | 62.873 | 0.726 | 0.820 |
| 561.000 | 0.515 | 62.794 | 0.757 | 0.820 |
| 562.000 | 0.508 | 62.715 | 0.757 | 0.820 |
| 563.000 | 0.508 | 62.794 | 0.757 | 0.820 |
| 564.000 | 0.515 | 62.715 | 0.757 | 0.820 |
| 565.000 | 0.515 | 62.636 | 0.726 | 0.820 |
| 566.000 | 0.515 | 62.636 | 0.726 | 0.820 |
| 567.000 | 0.515 | 62.715 | 0.726 | 0.820 |



CHM 003 1121

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 568.000 | 0.508 | 62.557 | 0.726 | 0.820 |
| 569.000 | 0.483 | 62.873 | 0.568 | 2.903 |
| 570.000 | 0.457 | 62.794 | 0.473 | 3.029 |
| 571.000 | 0.438 | 62.794 | 0.536 | 3.029 |
| 572.000 | 0.426 | 62.873 | 0.536 | 3.029 |
| 573.000 | 0.426 | 62.715 | 0.473 | 3.029 |
| 574.000 | 0.419 | 62.636 | 0.473 | 3.029 |
| 575.000 | 0.419 | 62.794 | 0.536 | 2.998 |
| 576.000 | 0.407 | 62.952 | 0.473 | 2.998 |
| 577.000 | 0.419 | 62.873 | 0.568 | 2.998 |
| 578.000 | 0.413 | 62.873 | 0.473 | 2.998 |
| 579.000 | 0.413 | 62.161 | 0.505 | 2.998 |
| 580.000 | 0.413 | 62.952 | 0.473 | 2.998 |
| 581.000 | 0.400 | 62.952 | 0.442 | 2.998 |
| 582.000 | 0.407 | 62.952 | 0.473 | 2.998 |
| 583.000 | 0.407 | 62.952 | 0.505 | 3.029 |
| 584.000 | 0.400 | 62.873 | 0.505 | 2.998 |
| 585.000 | 0.400 | 62.952 | 0.473 | 3.029 |
| 586.000 | 0.400 | 62.952 | 0.473 | 3.029 |
| 587.000 | 0.400 | 62.873 | 0.505 | 2.998 |
| 588.000 | 0.400 | 62.952 | 0.505 | 3.029 |
| 589.000 | 0.400 | 63.111 | 0.473 | 2.998 |
| 590.000 | 0.400 | 63.111 | 0.505 | 2.998 |
| 591.000 | 0.400 | 63.269 | 0.505 | 2.998 |
| 592.000 | 0.400 | 63.032 | 0.536 | 2.998 |
| 593.000 | 0.394 | 63.032 | 0.473 | 2.998 |
| 594.000 | 0.394 | 63.032 | 0.473 | 2.998 |
| 595.000 | 0.394 | 63.032 | 0.473 | 3.029 |
| 596.000 | 0.394 | 62.873 | 0.442 | 2.998 |
| 597.000 | 0.394 | 63.032 | 0.473 | 2.998 |
| 598.000 | 0.407 | 62.952 | 0.473 | 3.029 |
| 599.000 | 0.394 | 62.952 | 0.505 | 2.998 |
| 600.000 | 0.400 | 62.952 | 0.442 | 2.998 |
| 601.000 | 0.394 | 62.952 | 0.505 | 2.998 |
| 602.000 | 0.394 | 62.952 | 0.505 | 2.998 |
| 603.000 | 0.394 | 62.873 | 0.568 | 2.998 |
| 604.000 | 0.400 | 63.111 | 0.536 | 2.998 |
| 605.000 | 0.400 | 62.952 | 0.473 | 3.029 |
| 606.000 | 0.400 | 62.636 | 0.505 | 3.029 |
| 607.000 | 0.394 | 63.269 | 0.473 | 3.029 |
| 608.000 | 0.407 | 63.111 | 0.505 | 3.029 |
| 609.000 | 0.400 | 63.190 | 0.505 | 3.029 |
| 610.000 | 0.400 | 63.348 | 0.473 | 3.029 |
| 611.000 | 0.394 | 63.427 | 0.505 | 3.029 |
| 612.000 | 0.400 | 63.269 | 0.505 | 3.029 |
| 613.000 | 0.407 | 63.190 | 0.442 | 3.029 |
| 614.000 | 0.400 | 63.190 | 0.442 | 3.029 |
| 615.000 | 0.400 | 63.348 | 0.473 | 3.029 |
| 616.000 | 0.394 | 63.269 | 0.505 | 3.029 |
| 617.000 | 0.400 | 63.190 | 0.473 | 3.029 |
| 618.000 | 0.400 | 63.269 | 0.473 | 3.029 |
| 619.000 | 0.400 | 63.190 | 0.505 | 3.029 |
| 620.000 | 0.394 | 63.190 | 0.473 | 3.029 |
| 621.000 | 0.400 | 63.269 | 0.473 | 3.029 |



CHM 003 1122

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 622.000 | 0.400 | 63.190 | 0.505 | 3.061 |
| 623.000 | 0.407 | 63.190 | 0.568 | 3.029 |
| 624.000 | 0.400 | 63.190 | 0.473 | 3.029 |
| 625.000 | 0.400 | 63.190 | 0.473 | 3.061 |
| 626.000 | 0.400 | 63.269 | 0.473 | 3.029 |
| 627.000 | 0.394 | 63.269 | 0.473 | 3.029 |
| 628.000 | 0.400 | 63.269 | 0.473 | 3.029 |
| 629.000 | 0.413 | 63.269 | 0.442 | 3.029 |
| 630.000 | 0.400 | 63.190 | 0.442 | 3.061 |
| 631.000 | 0.400 | 63.269 | 0.568 | 3.029 |
| 632.000 | 0.400 | 63.190 | 0.505 | 3.061 |
| 633.000 | 0.400 | 63.269 | 0.536 | 3.061 |
| 634.000 | 0.400 | 63.190 | 0.505 | 3.029 |
| 635.000 | 0.400 | 63.269 | 0.505 | 3.029 |
| 636.000 | 0.400 | 63.190 | 0.505 | 3.029 |
| 637.000 | 0.400 | 63.269 | 0.536 | 3.061 |
| 638.000 | 0.400 | 63.269 | 0.473 | 3.061 |
| 639.000 | 0.394 | 63.190 | 0.473 | 3.029 |
| 640.000 | 0.400 | 63.190 | 0.473 | 3.061 |
| 641.000 | 0.400 | 63.269 | 0.505 | 3.061 |
| 642.000 | 0.400 | 63.269 | 0.505 | 3.029 |
| 643.000 | 0.407 | 63.269 | 0.473 | 3.061 |
| 644.000 | 0.407 | 63.269 | 0.568 | 3.061 |
| 645.000 | 0.400 | 63.269 | 0.473 | 3.061 |
| 646.000 | 0.407 | 63.269 | 0.473 | 3.061 |
| 647.000 | 0.400 | 63.032 | 0.473 | 3.061 |
| 648.000 | 0.400 | 63.348 | 0.473 | 3.061 |
| 649.000 | 0.407 | 63.269 | 0.473 | 3.061 |
| 650.000 | 0.400 | 63.111 | 0.473 | 3.061 |
| 651.000 | 0.400 | 63.111 | 0.505 | 3.061 |
| 652.000 | 0.400 | 63.190 | 0.473 | 3.061 |
| 653.000 | 0.400 | 63.190 | 0.442 | 3.061 |
| 654.000 | 0.400 | 63.269 | 0.473 | 3.061 |
| 655.000 | 0.400 | 63.111 | 0.473 | 3.061 |
| 656.000 | 0.407 | 63.190 | 0.442 | 3.061 |
| 657.000 | 0.400 | 63.111 | 0.505 | 3.061 |
| 658.000 | 0.407 | 63.111 | 0.473 | 3.061 |
| 659.000 | 0.394 | 63.190 | 0.473 | 3.061 |
| 660.000 | 0.400 | 63.190 | 0.473 | 3.061 |
| 661.000 | 0.400 | 63.348 | 0.442 | 3.061 |
| 662.000 | 0.400 | 63.269 | 0.505 | 3.061 |
| 663.000 | 0.400 | 63.190 | 0.505 | 3.061 |
| 664.000 | 0.407 | 63.111 | 0.473 | 3.061 |
| 665.000 | 0.407 | 63.348 | 0.505 | 3.092 |
| 666.000 | 0.407 | 63.269 | 0.505 | 3.061 |
| 667.000 | 0.400 | 63.269 | 0.473 | 3.061 |
| 668.000 | 0.407 | 63.348 | 0.505 | 3.061 |
| 669.000 | 0.407 | 63.348 | 0.473 | 3.061 |
| 670.000 | 0.407 | 63.190 | 0.505 | 3.061 |
| 671.000 | 0.413 | 63.269 | 0.473 | 3.061 |
| 672.000 | 0.413 | 63.269 | 0.505 | 3.061 |
| 673.000 | 0.394 | 63.269 | 0.505 | 3.061 |
| 674.000 | 0.413 | 63.427 | 0.536 | 3.029 |
| 675.000 | 0.413 | 63.190 | 0.473 | 3.029 |



CHM 003 1123

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 676.000 | 0.413 | 63.348 | 0.505 | 3.029 |
| 677.000 | 0.413 | 63.348 | 0.505 | 3.029 |
| 678.000 | 0.413 | 63.348 | 0.505 | 3.029 |
| 679.000 | 0.419 | 63.269 | 0.473 | 3.029 |
| 680.000 | 0.413 | 63.427 | 0.505 | 2.998 |
| 681.000 | 0.400 | 63.269 | 0.505 | 2.998 |
| 682.000 | 0.407 | 63.190 | 0.505 | 2.998 |
| 683.000 | 0.426 | 63.269 | 0.473 | 2.966 |
| 684.000 | 0.413 | 63.269 | 0.536 | 2.966 |
| 685.000 | 0.419 | 63.348 | 0.505 | 2.935 |
| 686.000 | 0.413 | 63.190 | 0.536 | 2.903 |
| 687.000 | 0.419 | 63.348 | 0.536 | 2.872 |
| 688.000 | 0.413 | 63.348 | 0.536 | 2.840 |
| 689.000 | 0.426 | 63.348 | 0.568 | 2.777 |
| 690.000 | 0.419 | 63.269 | 0.568 | 2.745 |
| 691.000 | 0.432 | 63.427 | 0.536 | 2.682 |
| 692.000 | 0.426 | 63.269 | 0.568 | 2.619 |
| 693.000 | 0.432 | 63.348 | 0.536 | 2.556 |
| 694.000 | 0.438 | 63.348 | 0.568 | 2.524 |
| 695.000 | 0.438 | 63.348 | 0.568 | 2.493 |
| 696.000 | 0.445 | 63.190 | 0.599 | 2.430 |
| 697.000 | 0.445 | 63.269 | 0.599 | 2.367 |
| 698.000 | 0.451 | 63.427 | 0.599 | 2.303 |
| 699.000 | 0.457 | 63.427 | 0.599 | 2.272 |
| 700.000 | 0.457 | 63.348 | 0.599 | 2.209 |
| 701.000 | 0.464 | 63.348 | 0.631 | 2.146 |
| 702.000 | 0.464 | 63.269 | 0.631 | 2.083 |
| 703.000 | 0.470 | 63.427 | 0.631 | 2.051 |
| 704.000 | 0.476 | 63.269 | 0.631 | 1.988 |
| 705.000 | 0.470 | 63.348 | 0.663 | 1.925 |
| 706.000 | 0.476 | 63.427 | 0.663 | 1.830 |
| 707.000 | 0.483 | 63.348 | 0.663 | 1.798 |
| 708.000 | 0.483 | 63.427 | 0.663 | 1.735 |
| 709.000 | 0.483 | 63.269 | 0.663 | 1.672 |
| 710.000 | 0.489 | 63.348 | 0.663 | 1.578 |
| 711.000 | 0.502 | 63.348 | 0.694 | 1.546 |
| 712.000 | 0.502 | 63.269 | 0.663 | 1.483 |
| 713.000 | 0.502 | 63.348 | 0.694 | 1.420 |
| 714.000 | 0.508 | 63.427 | 0.726 | 1.357 |
| 715.000 | 0.508 | 63.427 | 0.726 | 1.293 |
| 716.000 | 0.515 | 63.506 | 0.726 | 1.230 |
| 717.000 | 0.521 | 63.427 | 0.757 | 1.167 |
| 718.000 | 0.521 | 63.427 | 0.757 | 1.136 |
| 719.000 | 0.521 | 63.427 | 0.757 | 1.104 |
| 720.000 | 0.534 | 63.427 | 0.757 | 1.073 |
| 721.000 | 0.527 | 63.190 | 0.757 | 1.041 |
| 722.000 | 0.527 | 63.427 | 0.789 | 1.009 |
| 723.000 | 0.527 | 63.348 | 0.789 | 0.978 |
| 724.000 | 0.534 | 63.427 | 0.789 | 0.946 |
| 725.000 | 0.546 | 63.269 | 0.789 | 0.915 |
| 726.000 | 0.540 | 63.427 | 0.789 | 0.915 |
| 727.000 | 0.546 | 63.427 | 0.789 | 0.883 |
| 728.000 | 0.553 | 63.506 | 0.789 | 0.883 |
| 729.000 | 0.546 | 63.427 | 0.820 | 0.883 |



CHM 003 1124

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 730.000 | 0.546 | 63.427 | 0.789 | 0.852 |
| 731.000 | 0.546 | 63.427 | 0.789 | 0.852 |
| 732.000 | 0.559 | 63.427 | 0.820 | 0.852 |
| 733.000 | 0.559 | 63.348 | 0.820 | 0.852 |
| 734.000 | 0.559 | 63.427 | 0.820 | 0.852 |
| 735.000 | 0.559 | 63.506 | 0.820 | 0.820 |
| 736.000 | 0.565 | 63.348 | 0.820 | 0.820 |
| 737.000 | 0.553 | 63.506 | 0.820 | 0.820 |
| 738.000 | 0.559 | 63.427 | 0.820 | 0.820 |
| 739.000 | 0.572 | 63.427 | 0.820 | 0.820 |
| 740.000 | 0.565 | 63.427 | 0.820 | 0.820 |
| 741.000 | 0.565 | 63.427 | 0.820 | 0.820 |
| 742.000 | 0.572 | 63.427 | 0.820 | 0.820 |
| 743.000 | 0.565 | 63.506 | 0.820 | 0.820 |
| 744.000 | 0.559 | 63.348 | 0.852 | 0.820 |
| 745.000 | 0.565 | 63.427 | 0.820 | 0.820 |
| 746.000 | 0.578 | 63.348 | 0.852 | 0.820 |
| 747.000 | 0.565 | 63.427 | 0.820 | 0.820 |
| 748.000 | 0.565 | 63.348 | 0.820 | 0.820 |
| 749.000 | 0.572 | 63.348 | 0.820 | 0.820 |
| 750.000 | 0.565 | 63.348 | 0.852 | 0.789 |
| 751.000 | 0.565 | 63.348 | 0.852 | 0.820 |
| 752.000 | 0.572 | 63.427 | 0.820 | 0.820 |
| 753.000 | 0.572 | 63.427 | 0.820 | 0.789 |
| 754.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 755.000 | 0.572 | 63.506 | 0.820 | 0.789 |
| 756.000 | 0.572 | 63.348 | 0.852 | 0.820 |
| 757.000 | 0.572 | 63.506 | 0.852 | 0.820 |
| 758.000 | 0.572 | 63.427 | 0.852 | 0.789 |
| 759.000 | 0.578 | 63.348 | 0.820 | 0.820 |
| 760.000 | 0.578 | 63.427 | 0.820 | 0.820 |
| 761.000 | 0.572 | 63.269 | 0.820 | 0.820 |
| 762.000 | 0.572 | 63.427 | 0.820 | 0.820 |
| 763.000 | 0.572 | 63.427 | 0.820 | 0.820 |
| 764.000 | 0.572 | 63.348 | 0.852 | 0.820 |
| 765.000 | 0.572 | 63.506 | 0.852 | 0.820 |
| 766.000 | 0.578 | 63.506 | 0.820 | 0.789 |
| 767.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 768.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 769.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 770.000 | 0.572 | 63.348 | 0.852 | 0.789 |
| 771.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 772.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 773.000 | 0.572 | 63.348 | 0.820 | 0.789 |
| 774.000 | 0.572 | 63.348 | 0.852 | 0.820 |
| 775.000 | 0.585 | 63.506 | 0.852 | 0.789 |
| 776.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 777.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 778.000 | 0.578 | 63.427 | 0.820 | 0.820 |
| 779.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 780.000 | 0.591 | 63.348 | 0.852 | 0.789 |
| 781.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 782.000 | 0.572 | 63.506 | 0.852 | 0.820 |
| 783.000 | 0.585 | 63.506 | 0.852 | 0.820 |



CHM 003 1125

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 784.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 785.000 | 0.585 | 63.269 | 0.852 | 0.820 |
| 786.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 787.000 | 0.578 | 63.348 | 0.852 | 0.820 |
| 788.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 789.000 | 0.585 | 63.348 | 0.852 | 0.820 |
| 790.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 791.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 792.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 793.000 | 0.578 | 63.348 | 0.852 | 0.820 |
| 794.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 795.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 796.000 | 0.578 | 63.269 | 0.852 | 0.820 |
| 797.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 798.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 799.000 | 0.585 | 63.427 | 0.852 | 0.789 |
| 800.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 801.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 802.000 | 0.572 | 63.506 | 0.852 | 0.820 |
| 803.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 804.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 805.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 806.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 807.000 | 0.585 | 63.348 | 0.852 | 0.820 |
| 808.000 | 0.591 | 63.348 | 0.852 | 0.820 |
| 809.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 810.000 | 0.585 | 63.348 | 0.820 | 0.820 |
| 811.000 | 0.585 | 63.348 | 0.820 | 0.820 |
| 812.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 813.000 | 0.585 | 63.585 | 0.852 | 0.820 |
| 814.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 815.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 816.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 817.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 818.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 819.000 | 0.585 | 63.348 | 0.852 | 0.820 |
| 820.000 | 0.585 | 63.585 | 0.852 | 0.820 |
| 821.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 822.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 823.000 | 0.591 | 63.348 | 0.852 | 0.820 |
| 824.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 825.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 826.000 | 0.597 | 63.585 | 0.852 | 0.820 |
| 827.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 828.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 829.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 830.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 831.000 | 0.585 | 63.585 | 0.852 | 0.820 |
| 832.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 833.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 834.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 835.000 | 0.591 | 63.348 | 0.852 | 0.820 |
| 836.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 837.000 | 0.597 | 63.427 | 0.852 | 0.820 |



CHM 003 1126

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 838.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 839.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 840.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 841.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 842.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 843.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 844.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 845.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 846.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 847.000 | 0.591 | 63.585 | 0.852 | 0.820 |
| 848.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 849.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 850.000 | 0.585 | 63.585 | 0.852 | 0.820 |
| 851.000 | 0.585 | 63.506 | 0.884 | 0.820 |
| 852.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 853.000 | 0.597 | 63.506 | 0.884 | 0.820 |
| 854.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 855.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 856.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 857.000 | 0.597 | 63.427 | 0.852 | 0.820 |
| 858.000 | 0.591 | 63.348 | 0.852 | 0.820 |
| 859.000 | 0.597 | 63.427 | 0.852 | 0.820 |
| 860.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 861.000 | 0.591 | 63.506 | 0.884 | 0.820 |
| 862.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 863.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 864.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 865.000 | 0.591 | 63.585 | 0.852 | 0.820 |
| 866.000 | 0.591 | 63.348 | 0.852 | 0.820 |
| 867.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 868.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 869.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 870.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 871.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 872.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 873.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 874.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 875.000 | 0.597 | 63.348 | 0.852 | 0.820 |
| 876.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 877.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 878.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 879.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 880.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 881.000 | 0.597 | 63.506 | 0.884 | 0.820 |
| 882.000 | 0.597 | 63.427 | 0.852 | 0.820 |
| 883.000 | 0.597 | 63.427 | 0.852 | 0.820 |
| 884.000 | 0.591 | 63.348 | 0.852 | 0.820 |
| 885.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 886.000 | 0.591 | 63.348 | 0.852 | 0.789 |
| 887.000 | 0.591 | 63.506 | 0.820 | 0.820 |
| 888.000 | 0.585 | 63.506 | 0.820 | 0.820 |
| 889.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 890.000 | 0.591 | 63.427 | 0.820 | 0.820 |
| 891.000 | 0.585 | 63.506 | 0.852 | 0.820 |



CHM 003 1127

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 892.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 893.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 894.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 895.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 896.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 897.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 898.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 899.000 | 0.585 | 63.427 | 0.852 | 0.789 |
| 900.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 901.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 902.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 903.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 904.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 905.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 906.000 | 0.578 | 63.348 | 0.852 | 0.820 |
| 907.000 | 0.585 | 63.506 | 0.852 | 0.789 |
| 908.000 | 0.597 | 63.506 | 0.852 | 0.820 |
| 909.000 | 0.591 | 63.427 | 0.852 | 0.820 |
| 910.000 | 0.591 | 63.506 | 0.852 | 0.820 |
| 911.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 912.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 913.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 914.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 915.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 916.000 | 0.578 | 63.506 | 0.852 | 0.820 |
| 917.000 | 0.591 | 63.348 | 0.852 | 0.789 |
| 918.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 919.000 | 0.585 | 63.348 | 0.852 | 0.789 |
| 920.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 921.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 922.000 | 0.585 | 63.585 | 0.852 | 0.789 |
| 923.000 | 0.585 | 63.506 | 0.852 | 0.789 |
| 924.000 | 0.578 | 63.427 | 0.820 | 0.789 |
| 925.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 926.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 927.000 | 0.578 | 63.427 | 0.852 | 0.820 |
| 928.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 929.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 930.000 | 0.585 | 63.506 | 0.852 | 0.820 |
| 931.000 | 0.585 | 63.506 | 0.852 | 0.789 |
| 932.000 | 0.585 | 63.348 | 0.852 | 0.820 |
| 933.000 | 0.578 | 63.585 | 0.852 | 0.789 |
| 934.000 | 0.585 | 63.427 | 0.852 | 0.789 |
| 935.000 | 0.585 | 63.585 | 0.852 | 0.789 |
| 936.000 | 0.585 | 63.585 | 0.852 | 0.789 |
| 937.000 | 0.585 | 63.427 | 0.852 | 0.820 |
| 938.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 939.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 940.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 941.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 942.000 | 0.578 | 63.585 | 0.852 | 0.820 |
| 943.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 944.000 | 0.578 | 63.348 | 0.852 | 0.820 |
| 945.000 | 0.572 | 63.506 | 0.852 | 0.789 |



CHM 003 1128

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 946.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 947.000 | 0.578 | 63.664 | 0.852 | 0.789 |
| 948.000 | 0.585 | 63.427 | 0.852 | 0.789 |
| 949.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 950.000 | 0.572 | 63.506 | 0.852 | 0.789 |
| 951.000 | 0.585 | 63.506 | 0.852 | 0.789 |
| 952.000 | 0.578 | 63.664 | 0.852 | 0.789 |
| 953.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 954.000 | 0.572 | 63.506 | 0.852 | 0.789 |
| 955.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 956.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 957.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 958.000 | 0.565 | 63.506 | 0.852 | 0.789 |
| 959.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 960.000 | 0.572 | 63.427 | 0.852 | 0.789 |
| 961.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 962.000 | 0.578 | 63.585 | 0.852 | 0.789 |
| 963.000 | 0.572 | 63.427 | 0.852 | 0.789 |
| 964.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 965.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 966.000 | 0.578 | 63.585 | 0.852 | 0.789 |
| 967.000 | 0.572 | 63.506 | 0.852 | 0.789 |
| 968.000 | 0.565 | 63.506 | 0.852 | 0.789 |
| 969.000 | 0.565 | 63.506 | 0.852 | 0.789 |
| 970.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 971.000 | 0.572 | 63.427 | 0.852 | 0.789 |
| 972.000 | 0.572 | 63.427 | 0.852 | 0.789 |
| 973.000 | 0.565 | 63.427 | 0.852 | 0.789 |
| 974.000 | 0.565 | 63.427 | 0.852 | 0.789 |
| 975.000 | 0.572 | 63.506 | 0.852 | 0.789 |
| 976.000 | 0.578 | 63.427 | 0.852 | 0.789 |
| 977.000 | 0.565 | 63.585 | 0.852 | 0.789 |
| 978.000 | 0.578 | 63.585 | 0.852 | 0.789 |
| 979.000 | 0.572 | 63.506 | 0.820 | 0.789 |
| 980.000 | 0.578 | 63.506 | 0.852 | 0.789 |
| 981.000 | 0.565 | 63.427 | 0.820 | 0.789 |
| 982.000 | 0.565 | 63.427 | 0.820 | 0.789 |
| 983.000 | 0.572 | 63.506 | 0.852 | 0.789 |
| 984.000 | 0.565 | 63.348 | 0.820 | 0.789 |
| 985.000 | 0.572 | 63.506 | 0.820 | 0.789 |
| 986.000 | 0.559 | 63.348 | 0.820 | 0.789 |
| 987.000 | 0.565 | 63.269 | 0.789 | 0.789 |
| 988.000 | 0.559 | 63.427 | 0.820 | 0.789 |
| 989.000 | 0.565 | 63.427 | 0.820 | 0.789 |
| 990.000 | 0.572 | 63.506 | 0.820 | 0.789 |
| 991.000 | 0.559 | 63.506 | 0.820 | 0.789 |
| 992.000 | 0.565 | 63.427 | 0.820 | 0.789 |
| 993.000 | 0.572 | 63.427 | 0.820 | 0.789 |
| 994.000 | 0.565 | 63.585 | 0.820 | 0.789 |
| 995.000 | 0.565 | 63.427 | 0.820 | 0.789 |
| 996.000 | 0.559 | 63.506 | 0.820 | 0.789 |
| 997.000 | 0.565 | 63.269 | 0.820 | 0.789 |
| 998.000 | 0.559 | 63.348 | 0.820 | 0.789 |
| 999.000 | 0.565 | 63.427 | 0.820 | 0.789 |



CHM 003 1129

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1000.00 | 0.553 | 63.427 | 0.820 | 0.789 |
| 1001.00 | 0.565 | 63.506 | 0.820 | 0.789 |
| 1002.00 | 0.559 | 63.506 | 0.820 | 0.789 |
| 1003.00 | 0.553 | 63.427 | 0.820 | 0.789 |
| 1004.00 | 0.565 | 63.348 | 0.820 | 0.789 |
| 1005.00 | 0.565 | 63.506 | 0.820 | 0.789 |
| 1006.00 | 0.559 | 63.427 | 0.820 | 0.789 |
| 1007.00 | 0.565 | 63.427 | 0.820 | 0.789 |
| 1008.00 | 0.565 | 63.427 | 0.820 | 0.789 |
| 1009.00 | 0.559 | 63.348 | 0.820 | 0.789 |
| 1010.00 | 0.559 | 63.348 | 0.820 | 0.789 |
| 1011.00 | 0.572 | 63.427 | 0.820 | 0.789 |
| 1012.00 | 0.559 | 63.506 | 0.820 | 0.789 |
| 1013.00 | 0.559 | 63.427 | 0.820 | 0.789 |
| 1014.00 | 0.565 | 63.427 | 0.820 | 0.789 |
| 1015.00 | 0.559 | 63.506 | 0.820 | 0.789 |
| 1016.00 | 0.559 | 63.506 | 0.820 | 0.789 |
| 1017.00 | 0.553 | 63.506 | 0.820 | 0.789 |
| 1018.00 | 0.559 | 63.506 | 0.820 | 0.757 |
| 1019.00 | 0.559 | 63.348 | 0.820 | 0.789 |
| 1020.00 | 0.553 | 63.506 | 0.820 | 0.757 |
| 1021.00 | 0.553 | 63.506 | 0.820 | 0.757 |
| 1022.00 | 0.553 | 63.506 | 0.820 | 0.757 |
| 1023.00 | 0.559 | 63.427 | 0.820 | 0.789 |
| 1024.00 | 0.553 | 63.348 | 0.820 | 0.757 |
| 1025.00 | 0.559 | 63.585 | 0.820 | 0.789 |
| 1026.00 | 0.553 | 63.427 | 0.820 | 0.789 |
| 1027.00 | 0.553 | 63.506 | 0.820 | 0.789 |
| 1028.00 | 0.553 | 63.348 | 0.820 | 0.789 |
| 1029.00 | 0.565 | 63.585 | 0.820 | 0.757 |
| 1030.00 | 0.559 | 63.506 | 0.820 | 0.757 |
| 1031.00 | 0.559 | 63.427 | 0.820 | 0.757 |
| 1032.00 | 0.553 | 63.427 | 0.820 | 0.757 |
| 1033.00 | 0.559 | 63.506 | 0.820 | 0.757 |
| 1034.00 | 0.553 | 63.269 | 0.820 | 0.757 |
| 1035.00 | 0.546 | 63.506 | 0.820 | 0.757 |
| 1036.00 | 0.553 | 63.427 | 0.820 | 0.757 |
| 1037.00 | 0.546 | 63.348 | 0.820 | 0.757 |
| 1038.00 | 0.553 | 63.348 | 0.820 | 0.757 |
| 1039.00 | 0.546 | 63.190 | 0.820 | 0.757 |
| 1040.00 | 0.546 | 63.348 | 0.820 | 0.757 |
| 1041.00 | 0.553 | 63.348 | 0.820 | 0.757 |
| 1042.00 | 0.546 | 63.348 | 0.820 | 0.757 |
| 1043.00 | 0.546 | 63.269 | 0.820 | 0.757 |
| 1044.00 | 0.553 | 63.269 | 0.820 | 0.757 |
| 1045.00 | 0.553 | 63.427 | 0.820 | 0.757 |
| 1046.00 | 0.553 | 63.269 | 0.820 | 0.757 |
| 1047.00 | 0.546 | 63.427 | 0.820 | 0.757 |
| 1048.00 | 0.546 | 63.269 | 0.820 | 0.757 |
| 1049.00 | 0.546 | 63.506 | 0.820 | 0.757 |
| 1050.00 | 0.553 | 63.506 | 0.820 | 0.757 |
| 1051.00 | 0.540 | 63.348 | 0.820 | 0.757 |
| 1052.00 | 0.546 | 63.427 | 0.820 | 0.757 |
| 1053.00 | 0.546 | 63.506 | 0.820 | 0.757 |



CHM 003 1130

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1054.00 | 0.534 | 63.506 | 0.820 | 0.757 |
| 1055.00 | 0.540 | 63.506 | 0.789 | 0.757 |
| 1056.00 | 0.540 | 63.427 | 0.820 | 0.757 |
| 1057.00 | 0.553 | 63.427 | 0.820 | 0.757 |
| 1058.00 | 0.546 | 63.506 | 0.820 | 0.757 |
| 1059.00 | 0.546 | 63.348 | 0.820 | 0.757 |
| 1060.00 | 0.546 | 63.427 | 0.820 | 0.757 |
| 1061.00 | 0.546 | 63.269 | 0.820 | 0.757 |
| 1062.00 | 0.546 | 63.506 | 0.820 | 0.757 |
| 1063.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1064.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1065.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1066.00 | 0.546 | 63.744 | 0.820 | 0.757 |
| 1067.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1068.00 | 0.546 | 63.744 | 0.820 | 0.757 |
| 1069.00 | 0.546 | 63.506 | 0.820 | 0.757 |
| 1070.00 | 0.546 | 63.585 | 0.820 | 0.757 |
| 1071.00 | 0.546 | 63.744 | 0.820 | 0.757 |
| 1072.00 | 0.553 | 63.585 | 0.820 | 0.757 |
| 1073.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1074.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1075.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1076.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1077.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1078.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1079.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1080.00 | 0.527 | 63.664 | 0.820 | 0.757 |
| 1081.00 | 0.534 | 63.585 | 0.789 | 0.757 |
| 1082.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1083.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1084.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1085.00 | 0.546 | 63.823 | 0.820 | 0.757 |
| 1086.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1087.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1088.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1089.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1090.00 | 0.527 | 63.664 | 0.820 | 0.757 |
| 1091.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1092.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1093.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1094.00 | 0.546 | 63.585 | 0.789 | 0.757 |
| 1095.00 | 0.527 | 63.744 | 0.820 | 0.757 |
| 1096.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1097.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1098.00 | 0.546 | 63.585 | 0.820 | 0.757 |
| 1099.00 | 0.527 | 63.664 | 0.820 | 0.757 |
| 1100.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1101.00 | 0.540 | 63.585 | 0.789 | 0.757 |
| 1102.00 | 0.546 | 63.585 | 0.820 | 0.757 |
| 1103.00 | 0.546 | 63.506 | 0.820 | 0.757 |
| 1104.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1105.00 | 0.540 | 63.744 | 0.820 | 0.757 |
| 1106.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1107.00 | 0.540 | 63.664 | 0.820 | 0.757 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1108.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1109.00 | 0.540 | 63.585 | 0.789 | 0.757 |
| 1110.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1111.00 | 0.534 | 63.506 | 0.820 | 0.757 |
| 1112.00 | 0.540 | 63.664 | 0.789 | 0.757 |
| 1113.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1114.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1115.00 | 0.540 | 63.664 | 0.789 | 0.757 |
| 1116.00 | 0.534 | 63.585 | 0.789 | 0.757 |
| 1117.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1118.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1119.00 | 0.534 | 63.585 | 0.820 | 0.757 |
| 1120.00 | 0.540 | 63.506 | 0.820 | 0.757 |
| 1121.00 | 0.540 | 63.506 | 0.789 | 0.757 |
| 1122.00 | 0.540 | 63.744 | 0.789 | 0.757 |
| 1123.00 | 0.546 | 63.664 | 0.789 | 0.757 |
| 1124.00 | 0.546 | 63.664 | 0.789 | 0.725 |
| 1125.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1126.00 | 0.534 | 63.585 | 0.820 | 0.757 |
| 1127.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1128.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1129.00 | 0.534 | 63.744 | 0.789 | 0.757 |
| 1130.00 | 0.534 | 63.744 | 0.789 | 0.757 |
| 1131.00 | 0.534 | 63.664 | 0.789 | 0.757 |
| 1132.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1133.00 | 0.534 | 63.585 | 0.789 | 0.757 |
| 1134.00 | 0.534 | 63.506 | 0.789 | 0.757 |
| 1135.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1136.00 | 0.534 | 63.585 | 0.789 | 0.757 |
| 1137.00 | 0.540 | 63.506 | 0.820 | 0.757 |
| 1138.00 | 0.540 | 63.506 | 0.789 | 0.757 |
| 1139.00 | 0.534 | 63.585 | 0.789 | 0.757 |
| 1140.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1141.00 | 0.546 | 63.585 | 0.820 | 0.757 |
| 1142.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1143.00 | 0.534 | 63.585 | 0.820 | 0.757 |
| 1144.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1145.00 | 0.534 | 63.585 | 0.820 | 0.757 |
| 1146.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1147.00 | 0.546 | 63.506 | 0.820 | 0.757 |
| 1148.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1149.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1150.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1151.00 | 0.534 | 63.744 | 0.820 | 0.757 |
| 1152.00 | 0.546 | 63.664 | 0.820 | 0.757 |
| 1153.00 | 0.540 | 63.664 | 0.789 | 0.757 |
| 1154.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1155.00 | 0.546 | 63.585 | 0.820 | 0.757 |
| 1156.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1157.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1158.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1159.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1160.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1161.00 | 0.546 | 63.664 | 0.820 | 0.757 |



CHM 003 1132

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1162.00 | 0.540 | 63.664 | 0.820 | 0.757 |
| 1163.00 | 0.534 | 63.664 | 0.820 | 0.757 |
| 1164.00 | 0.546 | 63.664 | 0.789 | 0.725 |
| 1165.00 | 0.540 | 63.585 | 0.820 | 0.757 |
| 1166.00 | 0.540 | 63.664 | 0.820 | 0.725 |
| 1167.00 | 0.540 | 63.664 | 0.820 | 0.725 |
| 1168.00 | 0.546 | 63.744 | 0.820 | 0.725 |
| 1169.00 | 0.540 | 63.664 | 0.789 | 0.725 |
| 1170.00 | 0.546 | 63.664 | 0.820 | 0.725 |
| 1171.00 | 0.553 | 63.664 | 0.820 | 0.725 |
| 1172.00 | 0.553 | 63.664 | 0.820 | 0.725 |
| 1173.00 | 0.534 | 63.664 | 0.820 | 0.725 |
| 1174.00 | 0.540 | 63.664 | 0.820 | 0.725 |
| 1175.00 | 0.546 | 63.664 | 0.820 | 0.725 |
| 1176.00 | 0.540 | 63.664 | 0.820 | 0.725 |
| 1177.00 | 0.546 | 63.744 | 0.820 | 0.725 |
| 1178.00 | 0.553 | 63.664 | 0.789 | 0.725 |
| 1179.00 | 0.534 | 63.664 | 0.820 | 0.694 |
| 1180.00 | 0.540 | 63.744 | 0.789 | 0.694 |
| 1181.00 | 0.546 | 63.664 | 0.820 | 0.725 |
| 1182.00 | 0.546 | 63.664 | 0.789 | 0.725 |
| 1183.00 | 0.540 | 63.664 | 0.820 | 0.725 |
| 1184.00 | 0.540 | 63.664 | 0.789 | 0.725 |
| 1185.00 | 0.546 | 63.744 | 0.820 | 0.694 |
| 1186.00 | 0.540 | 63.744 | 0.820 | 0.694 |
| 1187.00 | 0.546 | 63.664 | 0.820 | 0.694 |
| 1188.00 | 0.540 | 63.664 | 0.820 | 0.694 |
| 1189.00 | 0.540 | 63.744 | 0.789 | 0.694 |
| 1190.00 | 0.546 | 63.744 | 0.820 | 0.694 |
| 1191.00 | 0.534 | 63.744 | 0.820 | 0.694 |
| 1192.00 | 0.546 | 63.744 | 0.789 | 0.694 |
| 1193.00 | 0.540 | 63.744 | 0.820 | 0.694 |
| 1194.00 | 0.546 | 63.664 | 0.789 | 0.694 |
| 1195.00 | 0.546 | 63.744 | 0.820 | 0.694 |
| 1196.00 | 0.540 | 63.744 | 0.820 | 0.694 |
| 1197.00 | 0.540 | 63.902 | 0.820 | 0.694 |
| 1198.00 | 0.540 | 63.902 | 0.789 | 0.694 |
| 1199.00 | 0.534 | 63.585 | 0.789 | 0.694 |
| 1200.00 | 0.546 | 63.664 | 0.820 | 0.694 |
| 1201.00 | 0.553 | 63.823 | 0.820 | 0.694 |
| 1202.00 | 0.546 | 63.585 | 0.820 | 0.694 |
| 1203.00 | 0.540 | 63.664 | 0.820 | 0.694 |
| 1204.00 | 0.553 | 63.585 | 0.820 | 0.694 |
| 1205.00 | 0.546 | 63.664 | 0.789 | 0.694 |
| 1206.00 | 0.546 | 63.664 | 0.820 | 0.694 |
| 1207.00 | 0.546 | 63.664 | 0.820 | 0.694 |
| 1208.00 | 0.546 | 63.744 | 0.820 | 0.694 |
| 1209.00 | 0.553 | 63.744 | 0.820 | 0.694 |
| 1210.00 | 0.553 | 63.664 | 0.789 | 0.662 |
| 1211.00 | 0.540 | 63.664 | 0.820 | 0.694 |
| 1212.00 | 0.553 | 63.664 | 0.820 | 0.694 |
| 1213.00 | 0.546 | 63.744 | 0.820 | 0.694 |
| 1214.00 | 0.546 | 63.664 | 0.820 | 0.662 |
| 1215.00 | 0.553 | 63.823 | 0.820 | 0.694 |



CHM 003 1133

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1216.00 | 0.540 | 63.664 | 0.820 | 0.662 |
| 1217.00 | 0.546 | 63.664 | 0.820 | 0.662 |
| 1218.00 | 0.553 | 63.664 | 0.820 | 0.662 |
| 1219.00 | 0.553 | 63.744 | 0.820 | 0.662 |
| 1220.00 | 0.546 | 63.744 | 0.789 | 0.662 |
| 1221.00 | 0.546 | 63.744 | 0.820 | 0.662 |
| 1222.00 | 0.540 | 63.744 | 0.820 | 0.662 |
| 1223.00 | 0.546 | 63.664 | 0.820 | 0.662 |
| 1224.00 | 0.540 | 63.823 | 0.820 | 0.662 |
| 1225.00 | 0.553 | 63.585 | 0.820 | 0.662 |
| 1226.00 | 0.540 | 63.664 | 0.820 | 0.662 |
| 1227.00 | 0.546 | 63.744 | 0.820 | 0.662 |
| 1228.00 | 0.559 | 63.585 | 0.820 | 0.662 |
| 1229.00 | 0.546 | 63.664 | 0.820 | 0.662 |
| 1230.00 | 0.546 | 63.744 | 0.820 | 0.662 |
| 1231.00 | 0.546 | 63.823 | 0.820 | 0.631 |
| 1232.00 | 0.559 | 63.744 | 0.820 | 0.662 |
| 1233.00 | 0.546 | 63.823 | 0.820 | 0.662 |
| 1234.00 | 0.546 | 63.664 | 0.820 | 0.662 |
| 1235.00 | 0.559 | 63.744 | 0.820 | 0.631 |
| 1236.00 | 0.553 | 63.744 | 0.820 | 0.631 |
| 1237.00 | 0.553 | 63.664 | 0.820 | 0.631 |
| 1238.00 | 0.559 | 63.664 | 0.820 | 0.631 |
| 1239.00 | 0.546 | 63.664 | 0.820 | 0.631 |
| 1240.00 | 0.546 | 63.664 | 0.820 | 0.631 |
| 1241.00 | 0.559 | 63.744 | 0.820 | 0.631 |
| 1242.00 | 0.546 | 63.744 | 0.820 | 0.631 |
| 1243.00 | 0.540 | 63.744 | 0.820 | 0.631 |
| 1244.00 | 0.546 | 63.744 | 0.820 | 0.631 |
| 1245.00 | 0.546 | 63.902 | 0.820 | 0.631 |
| 1246.00 | 0.540 | 63.744 | 0.820 | 0.631 |
| 1247.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1248.00 | 0.553 | 63.902 | 0.820 | 0.631 |
| 1249.00 | 0.546 | 63.823 | 0.820 | 0.631 |
| 1250.00 | 0.546 | 63.823 | 0.820 | 0.631 |
| 1251.00 | 0.553 | 63.902 | 0.820 | 0.631 |
| 1252.00 | 0.546 | 63.902 | 0.820 | 0.631 |
| 1253.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1254.00 | 0.553 | 63.902 | 0.820 | 0.631 |
| 1255.00 | 0.559 | 63.744 | 0.820 | 0.631 |
| 1256.00 | 0.546 | 63.902 | 0.820 | 0.631 |
| 1257.00 | 0.553 | 63.902 | 0.820 | 0.631 |
| 1258.00 | 0.546 | 63.823 | 0.820 | 0.631 |
| 1259.00 | 0.559 | 63.902 | 0.820 | 0.631 |
| 1260.00 | 0.546 | 63.823 | 0.820 | 0.631 |
| 1261.00 | 0.546 | 63.902 | 0.820 | 0.631 |
| 1262.00 | 0.559 | 63.902 | 0.820 | 0.631 |
| 1263.00 | 0.546 | 63.902 | 0.820 | 0.631 |
| 1264.00 | 0.559 | 63.981 | 0.820 | 0.631 |
| 1265.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1266.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1267.00 | 0.553 | 63.902 | 0.820 | 0.631 |
| 1268.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1269.00 | 0.553 | 63.744 | 0.820 | 0.631 |



CHM 003 1134

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1270.00 | 0.559 | 63.744 | 0.820 | 0.662 |
| 1271.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1272.00 | 0.559 | 63.902 | 0.852 | 0.631 |
| 1273.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1274.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1275.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1276.00 | 0.546 | 63.902 | 0.820 | 0.631 |
| 1277.00 | 0.565 | 63.744 | 0.820 | 0.631 |
| 1278.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1279.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1280.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1281.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1282.00 | 0.553 | 63.744 | 0.820 | 0.631 |
| 1283.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1284.00 | 0.559 | 63.744 | 0.852 | 0.631 |
| 1285.00 | 0.559 | 63.902 | 0.820 | 0.631 |
| 1286.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1287.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1288.00 | 0.559 | 63.902 | 0.820 | 0.631 |
| 1289.00 | 0.565 | 63.823 | 0.820 | 0.631 |
| 1290.00 | 0.553 | 63.902 | 0.820 | 0.631 |
| 1291.00 | 0.559 | 63.902 | 0.820 | 0.631 |
| 1292.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1293.00 | 0.559 | 63.981 | 0.820 | 0.631 |
| 1294.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1295.00 | 0.553 | 63.744 | 0.820 | 0.631 |
| 1296.00 | 0.559 | 63.823 | 0.820 | 0.662 |
| 1297.00 | 0.559 | 63.902 | 0.820 | 0.631 |
| 1298.00 | 0.553 | 63.823 | 0.820 | 0.662 |
| 1299.00 | 0.565 | 63.981 | 0.820 | 0.662 |
| 1300.00 | 0.553 | 63.823 | 0.852 | 0.631 |
| 1301.00 | 0.565 | 63.744 | 0.852 | 0.631 |
| 1302.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1303.00 | 0.565 | 63.823 | 0.820 | 0.662 |
| 1304.00 | 0.559 | 63.902 | 0.820 | 0.631 |
| 1305.00 | 0.559 | 63.902 | 0.852 | 0.631 |
| 1306.00 | 0.559 | 63.902 | 0.820 | 0.662 |
| 1307.00 | 0.553 | 63.902 | 0.820 | 0.662 |
| 1308.00 | 0.572 | 63.823 | 0.820 | 0.662 |
| 1309.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1310.00 | 0.559 | 63.744 | 0.852 | 0.631 |
| 1311.00 | 0.565 | 63.902 | 0.820 | 0.662 |
| 1312.00 | 0.559 | 63.981 | 0.852 | 0.662 |
| 1313.00 | 0.553 | 63.823 | 0.820 | 0.631 |
| 1314.00 | 0.559 | 63.823 | 0.852 | 0.662 |
| 1315.00 | 0.559 | 63.823 | 0.820 | 0.631 |
| 1316.00 | 0.565 | 63.902 | 0.852 | 0.631 |
| 1317.00 | 0.546 | 63.902 | 0.820 | 0.662 |
| 1318.00 | 0.559 | 63.744 | 0.852 | 0.631 |
| 1319.00 | 0.553 | 63.744 | 0.820 | 0.662 |
| 1320.00 | 0.565 | 63.664 | 0.852 | 0.631 |
| 1321.00 | 0.559 | 63.823 | 0.852 | 0.662 |
| 1322.00 | 0.565 | 63.823 | 0.820 | 0.662 |
| 1323.00 | 0.565 | 63.902 | 0.820 | 0.662 |



CHM 003 1135

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1324.00 | 0.559 | 63.823 | 0.852 | 0.662 |
| 1325.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1326.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1327.00 | 0.565 | 63.823 | 0.820 | 0.662 |
| 1328.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1329.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1330.00 | 0.565 | 63.744 | 0.820 | 0.662 |
| 1331.00 | 0.565 | 63.981 | 0.852 | 0.662 |
| 1332.00 | 0.565 | 63.981 | 0.852 | 0.662 |
| 1333.00 | 0.578 | 63.664 | 0.852 | 0.662 |
| 1334.00 | 0.565 | 63.744 | 0.820 | 0.662 |
| 1335.00 | 0.578 | 63.823 | 0.820 | 0.662 |
| 1336.00 | 0.559 | 63.744 | 0.852 | 0.662 |
| 1337.00 | 0.559 | 63.823 | 0.852 | 0.662 |
| 1338.00 | 0.559 | 63.902 | 0.820 | 0.662 |
| 1339.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1340.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1341.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1342.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1343.00 | 0.572 | 63.902 | 0.852 | 0.662 |
| 1344.00 | 0.572 | 63.981 | 0.852 | 0.662 |
| 1345.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1346.00 | 0.559 | 63.823 | 0.852 | 0.662 |
| 1347.00 | 0.559 | 63.823 | 0.852 | 0.662 |
| 1348.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1349.00 | 0.565 | 63.902 | 0.852 | 0.662 |
| 1350.00 | 0.565 | 63.664 | 0.852 | 0.662 |
| 1351.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1352.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1353.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1354.00 | 0.572 | 63.902 | 0.852 | 0.662 |
| 1355.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1356.00 | 0.559 | 63.902 | 0.852 | 0.662 |
| 1357.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1358.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1359.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1360.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1361.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1362.00 | 0.565 | 63.902 | 0.852 | 0.662 |
| 1363.00 | 0.565 | 63.744 | 0.820 | 0.662 |
| 1364.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1365.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1366.00 | 0.578 | 63.981 | 0.852 | 0.662 |
| 1367.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1368.00 | 0.559 | 63.744 | 0.852 | 0.662 |
| 1369.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1370.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1371.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1372.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1373.00 | 0.585 | 63.744 | 0.852 | 0.662 |
| 1374.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1375.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1376.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1377.00 | 0.572 | 63.744 | 0.852 | 0.662 |



CHM 003 1136

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1378.00 | 0.572 | 63.664 | 0.852 | 0.662 |
| 1379.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1380.00 | 0.578 | 63.664 | 0.852 | 0.662 |
| 1381.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1382.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1383.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1384.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1385.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1386.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1387.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1388.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1389.00 | 0.572 | 63.902 | 0.852 | 0.662 |
| 1390.00 | 0.565 | 63.823 | 0.852 | 0.662 |
| 1391.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1392.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1393.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1394.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1395.00 | 0.572 | 63.902 | 0.852 | 0.662 |
| 1396.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1397.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1398.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1399.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1400.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1401.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1402.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1403.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1404.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1405.00 | 0.572 | 63.902 | 0.884 | 0.662 |
| 1406.00 | 0.572 | 63.902 | 0.852 | 0.662 |
| 1407.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1408.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1409.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1410.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1411.00 | 0.572 | 63.823 | 0.852 | 0.662 |
| 1412.00 | 0.565 | 63.744 | 0.852 | 0.662 |
| 1413.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1414.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1415.00 | 0.578 | 63.823 | 0.820 | 0.662 |
| 1416.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1417.00 | 0.572 | 63.585 | 0.852 | 0.662 |
| 1418.00 | 0.572 | 63.585 | 0.852 | 0.662 |
| 1419.00 | 0.572 | 63.506 | 0.852 | 0.662 |
| 1420.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1421.00 | 0.572 | 63.664 | 0.852 | 0.662 |
| 1422.00 | 0.578 | 63.664 | 0.852 | 0.662 |
| 1423.00 | 0.578 | 63.506 | 0.852 | 0.662 |
| 1424.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1425.00 | 0.578 | 63.664 | 0.852 | 0.662 |
| 1426.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1427.00 | 0.572 | 63.664 | 0.852 | 0.662 |
| 1428.00 | 0.565 | 63.744 | 0.884 | 0.662 |
| 1429.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1430.00 | 0.572 | 63.744 | 0.852 | 0.662 |
| 1431.00 | 0.578 | 63.823 | 0.852 | 0.662 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1432.00 | 0.578 | 63.823 | 0.852 | 0.662 |
| 1433.00 | 0.572 | 63.744 | 0.884 | 0.662 |
| 1434.00 | 0.578 | 63.664 | 0.852 | 0.662 |
| 1435.00 | 0.578 | 63.823 | 0.884 | 0.662 |
| 1436.00 | 0.572 | 63.664 | 0.852 | 0.662 |
| 1437.00 | 0.578 | 63.744 | 0.884 | 0.662 |
| 1438.00 | 0.585 | 63.744 | 0.852 | 0.694 |
| 1439.00 | 0.578 | 63.744 | 0.852 | 0.662 |
| 1440.00 | 0.572 | 63.585 | 0.852 | 0.694 |
| 1441.00 | 0.578 | 63.744 | 0.852 | 0.694 |
| 1442.00 | 0.591 | 63.744 | 0.884 | 0.694 |
| 1443.00 | 0.585 | 63.823 | 0.884 | 0.662 |
| 1444.00 | 0.578 | 63.744 | 0.884 | 0.694 |
| 1445.00 | 0.585 | 63.823 | 0.884 | 0.694 |
| 1446.00 | 0.578 | 63.823 | 0.884 | 0.694 |
| 1447.00 | 0.591 | 63.902 | 0.884 | 0.694 |
| 1448.00 | 0.578 | 63.744 | 0.852 | 0.694 |
| 1449.00 | 0.578 | 63.585 | 0.852 | 0.694 |
| 1450.00 | 0.572 | 4.993 | 0.820 | 0.631 |
| 1451.00 | 0.540 | 3.646 | 0.663 | 0.504 |
| 1452.00 | 0.508 | 3.328 | 0.631 | 0.441 |
| 1453.00 | 0.483 | 3.011 | 0.599 | 0.410 |
| 1454.00 | 0.457 | 2.853 | 0.568 | 0.378 |
| 1455.00 | 0.445 | 2.774 | 0.536 | 0.347 |
| 1456.00 | 0.426 | 2.615 | 0.505 | 0.315 |
| 1457.00 | 0.413 | 2.615 | 0.505 | 0.315 |
| 1458.00 | 0.394 | 2.536 | 0.505 | 0.315 |
| 1459.00 | 0.387 | 2.457 | 0.473 | 0.284 |
| 1460.00 | 0.375 | 2.377 | 0.473 | 0.284 |
| 1461.00 | 0.362 | 2.298 | 0.442 | 0.252 |
| 1462.00 | 0.356 | 2.298 | 0.442 | 0.252 |
| 1463.00 | 0.349 | 2.219 | 0.442 | 0.252 |
| 1464.00 | 0.337 | 2.219 | 0.410 | 0.220 |
| 1465.00 | 0.330 | 2.219 | 0.410 | 0.220 |
| 1466.00 | 0.324 | 2.140 | 0.410 | 0.220 |
| 1467.00 | 0.311 | 2.140 | 0.410 | 0.220 |
| 1468.00 | 0.305 | 2.140 | 0.378 | 0.189 |
| 1469.00 | 0.298 | 2.060 | 0.378 | 0.189 |
| 1470.00 | 0.292 | 2.060 | 0.378 | 0.189 |
| 1471.00 | 0.286 | 2.060 | 0.378 | 0.157 |
| 1472.00 | 0.279 | 2.060 | 0.347 | 0.157 |
| 1473.00 | 0.273 | 1.981 | 0.347 | 0.157 |
| 1474.00 | 0.267 | 1.981 | 0.347 | 0.157 |
| 1475.00 | 0.260 | 1.981 | 0.347 | 0.126 |
| 1476.00 | 0.254 | 1.981 | 0.347 | 0.126 |
| 1477.00 | 0.248 | 1.981 | 0.315 | 0.126 |
| 1478.00 | 0.248 | 1.981 | 0.315 | 0.126 |
| 1479.00 | 0.241 | 1.902 | 0.315 | 0.126 |
| 1480.00 | 0.241 | 1.902 | 0.315 | 0.126 |
| 1481.00 | 0.235 | 1.902 | 0.315 | 0.126 |
| 1482.00 | 0.228 | 1.902 | 0.315 | 0.126 |
| 1483.00 | 0.222 | 1.902 | 0.315 | 0.126 |
| 1484.00 | 0.216 | 1.902 | 0.284 | 0.094 |
| 1485.00 | 0.216 | 1.823 | 0.284 | 0.094 |



CHM 003 1138

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1486.00 | 0.209 | 1.823 | 0.284 | 0.094 |
| 1487.00 | 0.203 | 1.823 | 0.284 | 0.094 |
| 1488.00 | 0.203 | 1.823 | 0.284 | 0.094 |
| 1489.00 | 0.197 | 1.823 | 0.284 | 0.094 |
| 1490.00 | 0.197 | 1.743 | 0.284 | 0.094 |
| 1491.00 | 0.190 | 1.823 | 0.284 | 0.094 |
| 1492.00 | 0.184 | 1.743 | 0.284 | 0.094 |
| 1493.00 | 0.184 | 1.743 | 0.284 | 0.063 |
| 1494.00 | 0.178 | 1.743 | 0.252 | 0.063 |
| 1495.00 | 0.178 | 1.743 | 0.252 | 0.063 |
| 1496.00 | 0.171 | 1.743 | 0.252 | 0.063 |
| 1497.00 | 0.171 | 1.743 | 0.252 | 0.063 |
| 1498.00 | 0.171 | 1.743 | 0.252 | 0.063 |
| 1499.00 | 0.165 | 1.664 | 0.221 | 0.063 |
| 1500.00 | 0.165 | 1.743 | 0.252 | 0.063 |
| 1501.00 | 0.158 | 1.664 | 0.252 | 0.063 |
| 1502.00 | 0.152 | 1.743 | 0.221 | 0.031 |
| 1503.00 | 0.152 | 1.664 | 0.221 | 0.031 |
| 1504.00 | 0.146 | 1.664 | 0.221 | 0.031 |
| 1505.00 | 0.146 | 1.664 | 0.221 | 0.031 |
| 1506.00 | 0.139 | 1.664 | 0.221 | 0.031 |
| 1507.00 | 0.139 | 1.585 | 0.221 | 0.031 |
| 1508.00 | 0.139 | 1.585 | 0.221 | 0.031 |
| 1509.00 | 0.133 | 1.664 | 0.221 | 0.031 |
| 1510.00 | 0.133 | 1.664 | 0.189 | 0.000 |
| 1511.00 | 0.127 | 1.585 | 0.221 | 0.000 |
| 1512.00 | 0.127 | 1.585 | 0.189 | 0.000 |
| 1513.00 | 0.120 | 1.585 | 0.189 | 0.000 |
| 1514.00 | 0.120 | 1.585 | 0.189 | 0.000 |
| 1515.00 | 0.114 | 1.585 | 0.189 | 0.000 |
| 1516.00 | 0.114 | 1.585 | 0.189 | 0.000 |
| 1517.00 | 0.114 | 1.585 | 0.189 | 0.000 |
| 1518.00 | 0.114 | 1.585 | 0.189 | 0.000 |
| 1519.00 | 0.108 | 1.585 | 0.189 | -0.031 |
| 1520.00 | 0.108 | 1.585 | 0.157 | -0.031 |
| 1521.00 | 0.101 | 1.585 | 0.189 | 0.000 |
| 1522.00 | 0.101 | 1.585 | 0.157 | -0.031 |
| 1523.00 | 0.095 | 1.506 | 0.157 | -0.031 |
| 1524.00 | 0.095 | 1.506 | 0.157 | -0.031 |
| 1525.00 | 0.089 | 1.506 | 0.157 | -0.031 |
| 1526.00 | 0.089 | 1.506 | 0.157 | -0.031 |
| 1527.00 | 0.089 | 1.506 | 0.157 | -0.031 |
| 1528.00 | 0.114 | 0.951 | 0.157 | -0.031 |
| 1529.00 | 0.661 | 0.792 | 0.378 | 0.220 |
| 1530.00 | 0.451 | 0.475 | 0.378 | 0.220 |
| 1531.00 | 0.432 | 0.554 | 0.347 | 0.189 |
| 1532.00 | 0.426 | 0.554 | 0.347 | 0.157 |
| 1533.00 | 0.426 | 0.554 | 0.378 | 0.157 |
| 1534.00 | 0.419 | 0.554 | 0.378 | 0.157 |
| 1535.00 | 0.419 | 0.475 | 0.347 | 0.157 |
| 1536.00 | 0.419 | 0.554 | 0.347 | 0.157 |
| 1537.00 | 0.419 | 0.554 | 0.347 | 0.157 |
| 1538.00 | 0.413 | 0.554 | 0.378 | 0.157 |
| 1539.00 | 0.413 | 0.554 | 0.347 | 0.157 |



CHM 003 1139

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 |
|---|---|---|---|---|
| 1540.00 | 0.413 | 0.554 | 0.347 | 0.157 |
| 1541.00 | 0.413 | 0.475 | 0.347 | 0.157 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 5-LT PUMP ZONE: 153 - BOTTOM IN DMW-11

WELL ID: DMW-2

SE1000B
Environmental Logger
12/03 09:09

Unit# 01010 Test# 0

INPUT 2: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 20.02 |
| Offset | - 0.02 |

Step# 0 12/01 09:43

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.00 |
| 26.0000 | 0.00 |
| 28.0000 | 0.00 |
| 30.0000 | 0.00 |
| 32.0000 | 0.00 |
| 34.0000 | 0.00 |
| 36.0000 | 0.00 |
| 38.0000 | 0.00 |
| 40.0000 | 0.00 |
| 42.0000 | 0.00 |
| 44.0000 | 0.00 |
| 46.0000 | 0.00 |
| 48.0000 | 0.01 |
| 50.0000 | 0.01 |
| 52.0000 | 0.01 |
| 54.0000 | 0.01 |
| 56.0000 | 0.01 |
| 58.0000 | 0.01 |
| 60.0000 | 0.01 |
| 62.0000 | 0.01 |
| 64.0000 | 0.01 |
| 66.0000 | 0.01 |
| 68.0000 | 0.01 |



CHM 003 1141

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.01 |
| 72.0000 | 0.01 |
| 74.0000 | 0.01 |
| 76.0000 | 0.01 |
| 78.0000 | 0.01 |
| 80.0000 | 0.01 |
| 82.0000 | 0.01 |
| 84.0000 | 0.01 |
| 86.0000 | 0.02 |
| 88.0000 | 0.02 |
| 90.0000 | 0.02 |
| 92.0000 | 0.01 |
| 94.0000 | 0.02 |
| 96.0000 | 0.02 |
| 98.0000 | 0.02 |
| 100.000 | 0.02 |
| 102.000 | 0.02 |
| 104.000 | 0.02 |
| 106.000 | 0.03 |
| 108.000 | 0.03 |
| 110.000 | 0.03 |
| 112.000 | 0.03 |
| 114.000 | 0.03 |
| 116.000 | 0.03 |
| 118.000 | 0.03 |
| 120.000 | 0.03 |
| 122.000 | 0.03 |
| 124.000 | 0.03 |
| 126.000 | 0.03 |
| 128.000 | 0.03 |
| 130.000 | 0.03 |
| 132.000 | 0.03 |
| 134.000 | 0.03 |
| 136.000 | 0.03 |
| 138.000 | 0.03 |
| 140.000 | 0.03 |
| 142.000 | 0.03 |
| 144.000 | 0.03 |
| 146.000 | 0.03 |
| 148.000 | 0.03 |
| 150.000 | 0.03 |
| 152.000 | 0.03 |
| 154.000 | 0.03 |
| 156.000 | 0.03 |
| 158.000 | 0.03 |
| 160.000 | 0.03 |
| 162.000 | 0.03 |
| 164.000 | 0.03 |
| 166.000 | 0.03 |
| 168.000 | 0.03 |
| 170.000 | 0.03 |
| 172.000 | 0.03 |
| 174.000 | 0.03 |
| 176.000 | 0.03 |



CHM 003 1142

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.03 |
| 180.000 | 0.03 |
| 182.000 | 0.03 |
| 184.000 | 0.04 |
| 186.000 | 0.04 |
| 188.000 | 0.05 |
| 190.000 | 0.05 |
| 192.000 | 0.05 |
| 194.000 | 0.06 |
| 196.000 | 0.06 |
| 198.000 | 0.06 |
| 200.000 | 0.07 |
| 202.000 | 0.07 |
| 204.000 | 0.08 |
| 206.000 | 0.08 |
| 208.000 | 0.08 |
| 210.000 | 0.09 |
| 212.000 | 0.09 |
| 214.000 | 0.10 |
| 216.000 | 0.10 |
| 218.000 | 0.10 |
| 220.000 | 0.11 |
| 222.000 | 0.11 |
| 224.000 | 0.12 |
| 226.000 | 0.12 |
| 228.000 | 0.12 |
| 230.000 | 0.13 |
| 232.000 | 0.13 |
| 234.000 | 0.14 |
| 236.000 | 0.15 |
| 238.000 | 0.15 |
| 240.000 | 0.15 |
| 242.000 | 0.17 |
| 244.000 | 0.17 |
| 246.000 | 0.17 |
| 248.000 | 0.18 |
| 250.000 | 0.18 |
| 252.000 | 0.18 |
| 254.000 | 0.19 |
| 256.000 | 0.20 |
| 258.000 | 0.20 |
| 260.000 | 0.21 |
| 262.000 | 0.21 |
| 264.000 | 0.22 |
| 266.000 | 0.22 |
| 268.000 | 0.23 |
| 270.000 | 0.24 |
| 272.000 | 0.24 |
| 274.000 | 0.24 |
| 276.000 | 0.25 |
| 278.000 | 0.25 |
| 280.000 | 0.26 |
| 282.000 | 0.27 |
| 284.000 | 0.27 |

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.27 |
| 288.000 | 0.28 |
| 290.000 | 0.28 |
| 292.000 | 0.29 |
| 294.000 | 0.29 |
| 296.000 | 0.30 |
| 298.000 | 0.30 |
| 300.000 | 0.31 |
| 302.000 | 0.31 |
| 304.000 | 0.31 |
| 306.000 | 0.32 |
| 308.000 | 0.32 |
| 310.000 | 0.32 |
| 312.000 | 0.33 |
| 314.000 | 0.34 |
| 316.000 | 0.34 |
| 318.000 | 0.34 |
| 320.000 | 0.34 |
| 322.000 | 0.35 |
| 324.000 | 0.36 |
| 326.000 | 0.36 |
| 328.000 | 0.36 |
| 330.000 | 0.36 |
| 332.000 | 0.37 |
| 334.000 | 0.37 |
| 336.000 | 0.37 |
| 338.000 | 0.38 |
| 340.000 | 0.38 |
| 342.000 | 0.39 |
| 344.000 | 0.39 |
| 346.000 | 0.39 |
| 348.000 | 0.40 |
| 350.000 | 0.40 |
| 352.000 | 0.41 |
| 354.000 | 0.41 |
| 356.000 | 0.41 |
| 358.000 | 0.41 |
| 360.000 | 0.42 |
| 362.000 | 0.42 |
| 364.000 | 0.43 |
| 366.000 | 0.43 |
| 368.000 | 0.43 |
| 370.000 | 0.43 |
| 372.000 | 0.44 |
| 374.000 | 0.44 |
| 376.000 | 0.44 |
| 378.000 | 0.44 |
| 380.000 | 0.44 |
| 382.000 | 0.45 |
| 384.000 | 0.45 |
| 386.000 | 0.46 |
| 388.000 | 0.46 |
| 390.000 | 0.46 |
| 392.000 | 0.46 |



CHM 003 1144

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.47 |
| 396.000 | 0.47 |
| 398.000 | 0.48 |
| 400.000 | 0.48 |
| 402.000 | 0.48 |
| 404.000 | 0.48 |
| 406.000 | 0.48 |
| 408.000 | 0.48 |
| 410.000 | 0.49 |
| 412.000 | 0.49 |
| 414.000 | 0.49 |
| 416.000 | 0.50 |
| 418.000 | 0.50 |
| 420.000 | 0.50 |
| 422.000 | 0.50 |
| 424.000 | 0.51 |
| 426.000 | 0.51 |
| 428.000 | 0.51 |
| 430.000 | 0.51 |
| 432.000 | 0.51 |
| 434.000 | 0.52 |
| 436.000 | 0.52 |
| 438.000 | 0.52 |
| 440.000 | 0.53 |
| 442.000 | 0.53 |
| 444.000 | 0.53 |
| 446.000 | 0.53 |
| 448.000 | 0.54 |
| 450.000 | 0.54 |
| 452.000 | 0.54 |
| 454.000 | 0.54 |
| 456.000 | 0.55 |
| 458.000 | 0.55 |
| 460.000 | 0.55 |
| 462.000 | 0.55 |
| 464.000 | 0.55 |
| 466.000 | 0.56 |
| 468.000 | 0.56 |
| 470.000 | 0.56 |
| 472.000 | 0.56 |
| 474.000 | 0.56 |
| 476.000 | 0.56 |
| 478.000 | 0.57 |
| 480.000 | 0.57 |
| 482.000 | 0.57 |
| 484.000 | 0.58 |
| 486.000 | 0.58 |
| 488.000 | 0.58 |
| 490.000 | 0.58 |
| 492.000 | 0.58 |
| 494.000 | 0.59 |
| 496.000 | 0.59 |
| 498.000 | 0.59 |
| 500.000 | 0.60 |



CHM 003 1145

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.60 |
| 504.000 | 0.60 |
| 506.000 | 0.60 |
| 508.000 | 0.60 |
| 510.000 | 0.61 |
| 512.000 | 0.61 |
| 514.000 | 0.61 |
| 516.000 | 0.62 |
| 518.000 | 0.62 |
| 520.000 | 0.62 |
| 522.000 | 0.62 |
| 524.000 | 0.62 |
| 526.000 | 0.62 |
| 528.000 | 0.62 |
| 530.000 | 0.62 |
| 532.000 | 0.62 |
| 534.000 | 0.63 |
| 536.000 | 0.63 |
| 538.000 | 0.63 |
| 540.000 | 0.63 |
| 542.000 | 0.63 |
| 544.000 | 0.63 |
| 546.000 | 0.64 |
| 548.000 | 0.64 |
| 550.000 | 0.64 |
| 552.000 | 0.64 |
| 554.000 | 0.64 |
| 556.000 | 0.64 |
| 558.000 | 0.65 |
| 560.000 | 0.65 |
| 562.000 | 0.65 |
| 564.000 | 0.65 |
| 566.000 | 0.65 |
| 568.000 | 0.65 |
| 570.000 | 0.66 |
| 572.000 | 0.66 |
| 574.000 | 0.66 |
| 576.000 | 0.67 |
| 578.000 | 0.66 |
| 580.000 | 0.67 |
| 582.000 | 0.67 |
| 584.000 | 0.67 |
| 586.000 | 0.67 |
| 588.000 | 0.67 |
| 590.000 | 0.67 |
| 592.000 | 0.67 |
| 594.000 | 0.67 |
| 596.000 | 0.68 |
| 598.000 | 0.68 |
| 600.000 | 0.68 |
| 602.000 | 0.69 |
| 604.000 | 0.69 |
| 606.000 | 0.69 |
| 608.000 | 0.69 |



CHM 003 1146

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.69 |
| 612.000 | 0.69 |
| 614.000 | 0.69 |
| 616.000 | 0.70 |
| 618.000 | 0.70 |
| 620.000 | 0.70 |
| 622.000 | 0.70 |
| 624.000 | 0.70 |
| 626.000 | 0.70 |
| 628.000 | 0.70 |
| 630.000 | 0.70 |
| 632.000 | 0.70 |
| 634.000 | 0.71 |
| 636.000 | 0.71 |
| 638.000 | 0.71 |
| 640.000 | 0.71 |
| 642.000 | 0.71 |
| 644.000 | 0.72 |
| 646.000 | 0.72 |
| 648.000 | 0.72 |
| 650.000 | 0.72 |
| 652.000 | 0.72 |
| 654.000 | 0.72 |
| 656.000 | 0.72 |
| 658.000 | 0.72 |
| 660.000 | 0.73 |
| 662.000 | 0.73 |
| 664.000 | 0.73 |
| 666.000 | 0.73 |
| 668.000 | 0.74 |
| 670.000 | 0.74 |
| 672.000 | 0.74 |
| 674.000 | 0.74 |
| 676.000 | 0.74 |
| 678.000 | 0.74 |
| 680.000 | 0.74 |
| 682.000 | 0.74 |
| 684.000 | 0.75 |
| 686.000 | 0.75 |
| 688.000 | 0.75 |
| 690.000 | 0.75 |
| 692.000 | 0.75 |
| 694.000 | 0.75 |
| 696.000 | 0.75 |
| 698.000 | 0.75 |
| 700.000 | 0.75 |
| 702.000 | 0.76 |
| 704.000 | 0.76 |
| 706.000 | 0.77 |
| 708.000 | 0.76 |
| 710.000 | 0.77 |
| 712.000 | 0.77 |
| 714.000 | 0.77 |
| 716.000 | 0.77 |



CHM 003 1147

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.77 |
| 720.000 | 0.77 |
| 722.000 | 0.77 |
| 724.000 | 0.77 |
| 726.000 | 0.77 |
| 728.000 | 0.78 |
| 730.000 | 0.78 |
| 732.000 | 0.78 |
| 734.000 | 0.78 |
| 736.000 | 0.79 |
| 738.000 | 0.79 |
| 740.000 | 0.79 |
| 742.000 | 0.79 |
| 744.000 | 0.79 |
| 746.000 | 0.79 |
| 748.000 | 0.79 |
| 750.000 | 0.79 |
| 752.000 | 0.79 |
| 754.000 | 0.80 |
| 756.000 | 0.80 |
| 758.000 | 0.80 |
| 760.000 | 0.80 |
| 762.000 | 0.80 |
| 764.000 | 0.80 |
| 766.000 | 0.81 |
| 768.000 | 0.81 |
| 770.000 | 0.81 |
| 772.000 | 0.81 |
| 774.000 | 0.81 |
| 776.000 | 0.81 |
| 778.000 | 0.81 |
| 780.000 | 0.81 |
| 782.000 | 0.81 |
| 784.000 | 0.82 |
| 786.000 | 0.82 |
| 788.000 | 0.82 |
| 790.000 | 0.82 |
| 792.000 | 0.82 |
| 794.000 | 0.82 |
| 796.000 | 0.82 |
| 798.000 | 0.82 |
| 800.000 | 0.82 |
| 802.000 | 0.83 |
| 804.000 | 0.83 |
| 806.000 | 0.83 |
| 808.000 | 0.83 |
| 810.000 | 0.83 |
| 812.000 | 0.83 |
| 814.000 | 0.83 |
| 816.000 | 0.83 |
| 818.000 | 0.84 |
| 820.000 | 0.84 |
| 822.000 | 0.84 |
| 824.000 | 0.84 |



CHM 003 1148

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.84 |
| 828.000 | 0.84 |
| 830.000 | 0.84 |
| 832.000 | 0.84 |
| 834.000 | 0.84 |
| 836.000 | 0.84 |
| 838.000 | 0.84 |
| 840.000 | 0.84 |
| 842.000 | 0.84 |
| 844.000 | 0.84 |
| 846.000 | 0.84 |
| 848.000 | 0.84 |
| 850.000 | 0.85 |
| 852.000 | 0.85 |
| 854.000 | 0.85 |
| 856.000 | 0.85 |
| 858.000 | 0.85 |
| 860.000 | 0.85 |
| 862.000 | 0.85 |
| 864.000 | 0.85 |
| 866.000 | 0.85 |
| 868.000 | 0.85 |
| 870.000 | 0.85 |
| 872.000 | 0.85 |
| 874.000 | 0.85 |
| 876.000 | 0.85 |
| 878.000 | 0.85 |
| 880.000 | 0.86 |
| 882.000 | 0.86 |
| 884.000 | 0.86 |
| 886.000 | 0.86 |
| 888.000 | 0.86 |
| 890.000 | 0.86 |
| 892.000 | 0.86 |
| 894.000 | 0.86 |
| 896.000 | 0.86 |
| 898.000 | 0.86 |
| 900.000 | 0.86 |
| 902.000 | 0.86 |
| 904.000 | 0.86 |
| 906.000 | 0.86 |
| 908.000 | 0.86 |
| 910.000 | 0.86 |
| 912.000 | 0.86 |
| 914.000 | 0.86 |
| 916.000 | 0.86 |
| 918.000 | 0.86 |
| 920.000 | 0.86 |
| 922.000 | 0.86 |
| 924.000 | 0.86 |
| 926.000 | 0.86 |
| 928.000 | 0.86 |
| 930.000 | 0.86 |
| 932.000 | 0.86 |



CHM 003 1149

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.86 |
| 936.000 | 0.86 |
| 938.000 | 0.86 |
| 940.000 | 0.86 |
| 942.000 | 0.86 |
| 944.000 | 0.86 |
| 946.000 | 0.86 |
| 948.000 | 0.86 |
| 950.000 | 0.86 |
| 952.000 | 0.86 |
| 954.000 | 0.86 |
| 956.000 | 0.86 |
| 958.000 | 0.86 |
| 960.000 | 0.87 |
| 962.000 | 0.87 |
| 964.000 | 0.87 |
| 966.000 | 0.87 |
| 968.000 | 0.87 |
| 970.000 | 0.87 |
| 972.000 | 0.87 |
| 974.000 | 0.87 |
| 976.000 | 0.87 |
| 978.000 | 0.87 |
| 980.000 | 0.87 |
| 982.000 | 0.87 |
| 984.000 | 0.86 |
| 986.000 | 0.87 |
| 988.000 | 0.86 |
| 990.000 | 0.87 |
| 992.000 | 0.87 |
| 994.000 | 0.86 |
| 996.000 | 0.87 |
| 998.000 | 0.86 |
| 1000.00 | 0.86 |
| 1002.00 | 0.86 |
| 1004.00 | 0.86 |
| 1006.00 | 0.86 |
| 1008.00 | 0.86 |
| 1010.00 | 0.86 |
| 1012.00 | 0.86 |
| 1014.00 | 0.86 |
| 1016.00 | 0.86 |
| 1018.00 | 0.86 |
| 1020.00 | 0.86 |
| 1022.00 | 0.86 |
| 1024.00 | 0.86 |
| 1026.00 | 0.86 |
| 1028.00 | 0.86 |
| 1030.00 | 0.86 |
| 1032.00 | 0.86 |
| 1034.00 | 0.86 |
| 1036.00 | 0.86 |
| 1038.00 | 0.86 |
| 1040.00 | 0.86 |



CHM 003 1150

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.86 |
| 1044.00 | 0.86 |
| 1046.00 | 0.86 |
| 1048.00 | 0.86 |
| 1050.00 | 0.86 |
| 1052.00 | 0.86 |
| 1054.00 | 0.86 |
| 1056.00 | 0.86 |
| 1058.00 | 0.86 |
| 1060.00 | 0.86 |
| 1062.00 | 0.86 |
| 1064.00 | 0.86 |
| 1066.00 | 0.86 |
| 1068.00 | 0.86 |
| 1070.00 | 0.86 |
| 1072.00 | 0.86 |
| 1074.00 | 0.86 |
| 1076.00 | 0.86 |
| 1078.00 | 0.86 |
| 1080.00 | 0.85 |
| 1082.00 | 0.85 |
| 1084.00 | 0.85 |
| 1086.00 | 0.85 |
| 1088.00 | 0.85 |
| 1090.00 | 0.85 |
| 1092.00 | 0.85 |
| 1094.00 | 0.85 |
| 1096.00 | 0.85 |
| 1098.00 | 0.85 |
| 1100.00 | 0.85 |
| 1102.00 | 0.85 |
| 1104.00 | 0.85 |
| 1106.00 | 0.84 |
| 1108.00 | 0.85 |
| 1110.00 | 0.84 |
| 1112.00 | 0.84 |
| 1114.00 | 0.84 |
| 1116.00 | 0.84 |
| 1118.00 | 0.84 |
| 1120.00 | 0.84 |
| 1122.00 | 0.84 |
| 1124.00 | 0.84 |
| 1126.00 | 0.84 |
| 1128.00 | 0.84 |
| 1130.00 | 0.84 |
| 1132.00 | 0.84 |
| 1134.00 | 0.84 |
| 1136.00 | 0.84 |
| 1138.00 | 0.84 |
| 1140.00 | 0.84 |
| 1142.00 | 0.84 |
| 1144.00 | 0.84 |
| 1146.00 | 0.84 |
| 1148.00 | 0.84 |

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.84 |
| 1152.00 | 0.84 |
| 1154.00 | 0.84 |
| 1156.00 | 0.84 |
| 1158.00 | 0.84 |
| 1160.00 | 0.84 |
| 1162.00 | 0.84 |
| 1164.00 | 0.84 |
| 1166.00 | 0.84 |
| 1168.00 | 0.84 |
| 1170.00 | 0.84 |
| 1172.00 | 0.83 |
| 1174.00 | 0.83 |
| 1176.00 | 0.83 |
| 1178.00 | 0.83 |
| 1180.00 | 0.83 |
| 1182.00 | 0.83 |
| 1184.00 | 0.83 |
| 1186.00 | 0.83 |
| 1188.00 | 0.84 |
| 1190.00 | 0.83 |
| 1192.00 | 0.83 |
| 1194.00 | 0.83 |
| 1196.00 | 0.83 |
| 1198.00 | 0.83 |
| 1200.00 | 0.83 |
| 1202.00 | 0.83 |
| 1204.00 | 0.83 |
| 1206.00 | 0.83 |
| 1208.00 | 0.83 |
| 1210.00 | 0.83 |
| 1212.00 | 0.83 |
| 1214.00 | 0.83 |
| 1216.00 | 0.83 |
| 1218.00 | 0.83 |
| 1220.00 | 0.83 |
| 1222.00 | 0.83 |
| 1224.00 | 0.83 |
| 1226.00 | 0.83 |
| 1228.00 | 0.83 |
| 1230.00 | 0.83 |
| 1232.00 | 0.84 |
| 1234.00 | 0.84 |
| 1236.00 | 0.84 |
| 1238.00 | 0.84 |
| 1240.00 | 0.84 |
| 1242.00 | 0.84 |
| 1244.00 | 0.84 |
| 1246.00 | 0.84 |
| 1248.00 | 0.84 |
| 1250.00 | 0.84 |
| 1252.00 | 0.84 |
| 1254.00 | 0.84 |
| 1256.00 | 0.84 |



CHM 003 1152

| Elapsed Time | Value |
|---|---|
| 1258.00 | 0.84 |
| 1260.00 | 0.84 |
| 1262.00 | 0.84 |
| 1264.00 | 0.84 |
| 1266.00 | 0.84 |
| 1268.00 | 0.84 |
| 1270.00 | 0.84 |
| 1272.00 | 0.84 |
| 1274.00 | 0.84 |
| 1276.00 | 0.84 |
| 1278.00 | 0.84 |
| 1280.00 | 0.84 |
| 1282.00 | 0.84 |
| 1284.00 | 0.84 |
| 1286.00 | 0.84 |
| 1288.00 | 0.84 |
| 1290.00 | 0.84 |
| 1292.00 | 0.84 |
| 1294.00 | 0.84 |
| 1296.00 | 0.84 |
| 1298.00 | 0.85 |
| 1300.00 | 0.85 |
| 1302.00 | 0.85 |
| 1304.00 | 0.85 |
| 1306.00 | 0.85 |
| 1308.00 | 0.85 |
| 1310.00 | 0.85 |
| 1312.00 | 0.85 |
| 1314.00 | 0.85 |
| 1316.00 | 0.85 |
| 1318.00 | 0.85 |
| 1320.00 | 0.85 |
| 1322.00 | 0.86 |
| 1324.00 | 0.86 |
| 1326.00 | 0.86 |
| 1328.00 | 0.86 |
| 1330.00 | 0.86 |
| 1332.00 | 0.86 |
| 1334.00 | 0.86 |
| 1336.00 | 0.86 |
| 1338.00 | 0.86 |
| 1340.00 | 0.86 |
| 1342.00 | 0.86 |
| 1344.00 | 0.86 |
| 1346.00 | 0.86 |
| 1348.00 | 0.86 |
| 1350.00 | 0.86 |
| 1352.00 | 0.86 |
| 1354.00 | 0.87 |
| 1356.00 | 0.87 |
| 1358.00 | 0.87 |
| 1360.00 | 0.87 |
| 1362.00 | 0.87 |
| 1364.00 | 0.87 |



CHM 003 1153

| Elapsed Time | Value |
|---|---|
| 1366.00 | 0.88 |
| 1368.00 | 0.88 |
| 1370.00 | 0.88 |
| 1372.00 | 0.88 |
| 1374.00 | 0.88 |
| 1376.00 | 0.88 |
| 1378.00 | 0.88 |
| 1380.00 | 0.88 |
| 1382.00 | 0.88 |
| 1384.00 | 0.88 |
| 1386.00 | 0.88 |
| 1388.00 | 0.88 |
| 1390.00 | 0.88 |
| 1392.00 | 0.89 |
| 1394.00 | 0.89 |
| 1396.00 | 0.89 |
| 1398.00 | 0.89 |
| 1400.00 | 0.89 |
| 1402.00 | 0.89 |
| 1404.00 | 0.89 |
| 1406.00 | 0.89 |
| 1408.00 | 0.89 |
| 1410.00 | 0.90 |
| 1412.00 | 0.90 |
| 1414.00 | 0.90 |
| 1416.00 | 0.90 |
| 1418.00 | 0.90 |
| 1420.00 | 0.91 |
| 1422.00 | 0.91 |
| 1424.00 | 0.91 |
| 1426.00 | 0.91 |
| 1428.00 | 0.91 |
| 1430.00 | 0.91 |
| 1432.00 | 0.91 |
| 1434.00 | 0.91 |
| 1436.00 | 0.91 |
| 1438.00 | 0.91 |
| 1440.00 | 0.92 |
| 1442.00 | 0.92 |
| 1444.00 | 0.92 |
| 1446.00 | 0.92 |
| 1448.00 | 0.92 |
| 1450.00 | 0.92 |
| 1452.00 | 0.92 |
| 1454.00 | 0.92 |
| 1456.00 | 0.93 |
| 1458.00 | 0.93 |
| 1460.00 | 0.93 |
| 1462.00 | 0.93 |
| 1464.00 | 0.93 |
| 1466.00 | 0.93 |
| 1468.00 | 0.93 |
| 1470.00 | 0.93 |
| 1472.00 | 0.93 |



CHM 003 1154

| Elapsed Time | Value |
|---|---|
| 1474.00 | 0.93 |
| 1476.00 | 0.93 |
| 1478.00 | 0.93 |
| 1480.00 | 0.94 |
| 1482.00 | 0.94 |
| 1484.00 | 0.94 |
| 1486.00 | 0.94 |
| 1488.00 | 0.94 |
| 1490.00 | 0.94 |
| 1492.00 | 0.94 |
| 1494.00 | 0.94 |
| 1496.00 | 0.94 |
| 1498.00 | 0.94 |
| 1500.00 | 0.94 |
| 1502.00 | 0.94 |
| 1504.00 | 0.94 |
| 1506.00 | 0.94 |
| 1508.00 | 0.94 |
| 1510.00 | 0.94 |
| 1512.00 | 0.95 |
| 1514.00 | 0.94 |
| 1516.00 | 0.95 |
| 1518.00 | 0.95 |
| 1520.00 | 0.95 |
| 1522.00 | 0.95 |
| 1524.00 | 0.95 |
| 1526.00 | 0.96 |
| 1528.00 | 0.96 |
| 1530.00 | 0.96 |
| 1532.00 | 0.96 |
| 1534.00 | 0.96 |
| 1536.00 | 0.96 |
| 1538.00 | 0.96 |
| 1540.00 | 0.96 |
| 1542.00 | 0.96 |
| 1544.00 | 0.96 |
| 1546.00 | 0.96 |
| 1548.00 | 0.96 |
| 1550.00 | 0.96 |
| 1552.00 | 0.97 |
| 1554.00 | 0.96 |
| 1556.00 | 0.96 |
| 1558.00 | 0.96 |
| 1560.00 | 0.95 |
| 1562.00 | 0.94 |
| 1564.00 | 0.94 |
| 1566.00 | 0.94 |
| 1568.00 | 0.93 |
| 1570.00 | 0.93 |
| 1572.00 | 0.92 |
| 1574.00 | 0.92 |
| 1576.00 | 0.91 |
| 1578.00 | 0.91 |
| 1580.00 | 0.89 |



CHM 003 1155

| Elapsed Time | Value |
|---|---|
| 1582.00 | 0.89 |
| 1584.00 | 0.89 |
| 1586.00 | 0.88 |
| 1588.00 | 0.88 |
| 1590.00 | 0.87 |
| 1592.00 | 0.86 |
| 1594.00 | 0.85 |
| 1596.00 | 0.84 |
| 1598.00 | 0.84 |
| 1600.00 | 0.84 |
| 1602.00 | 0.83 |
| 1604.00 | 0.82 |
| 1606.00 | 0.82 |
| 1608.00 | 0.81 |
| 1610.00 | 0.81 |
| 1612.00 | 0.80 |
| 1614.00 | 0.79 |
| 1616.00 | 0.79 |
| 1618.00 | 0.79 |
| 1620.00 | 0.78 |
| 1622.00 | 0.77 |
| 1624.00 | 0.77 |
| 1626.00 | 0.77 |
| 1628.00 | 0.77 |
| 1630.00 | 0.76 |
| 1632.00 | 0.75 |
| 1634.00 | 0.75 |
| 1636.00 | 0.74 |
| 1638.00 | 0.74 |
| 1640.00 | 0.73 |
| 1642.00 | 0.73 |
| 1644.00 | 0.72 |
| 1646.00 | 0.72 |
| 1648.00 | 0.72 |
| 1650.00 | 0.71 |
| 1652.00 | 0.71 |
| 1654.00 | 0.70 |
| 1656.00 | 0.70 |
| 1658.00 | 0.70 |
| 1660.00 | 0.69 |
| 1662.00 | 0.69 |
| 1664.00 | 0.69 |
| 1666.00 | 0.68 |
| 1668.00 | 0.67 |
| 1670.00 | 0.67 |
| 1672.00 | 0.67 |
| 1674.00 | 0.67 |
| 1676.00 | 0.66 |
| 1678.00 | 0.65 |
| 1680.00 | 0.65 |
| 1682.00 | 0.65 |
| 1684.00 | 0.64 |
| 1686.00 | 0.63 |
| 1688.00 | 0.63 |



CHM 003 1156

| Elapsed Time | Value |
|---|---|
| 1690.00 | 0.63 |
| 1692.00 | 0.62 |
| 1694.00 | 0.62 |
| 1696.00 | 0.62 |
| 1698.00 | 0.62 |
| 1700.00 | 0.61 |
| 1702.00 | 0.61 |
| 1704.00 | 0.61 |
| 1706.00 | 0.60 |
| 1708.00 | 0.60 |
| 1710.00 | 0.60 |
| 1712.00 | 0.60 |
| 1714.00 | 0.59 |
| 1716.00 | 0.59 |
| 1718.00 | 0.58 |
| 1720.00 | 0.58 |
| 1722.00 | 0.58 |
| 1724.00 | 0.58 |
| 1726.00 | 0.57 |
| 1728.00 | 0.57 |
| 1730.00 | 0.56 |
| 1732.00 | 0.56 |
| 1734.00 | 0.56 |
| 1736.00 | 0.56 |
| 1738.00 | 0.55 |
| 1740.00 | 0.55 |
| 1742.00 | 0.55 |
| 1744.00 | 0.55 |
| 1746.00 | 0.55 |
| 1748.00 | 0.55 |
| 1750.00 | 0.54 |
| 1752.00 | 0.54 |
| 1754.00 | 0.54 |
| 1756.00 | 0.54 |
| 1758.00 | 0.54 |
| 1760.00 | 0.53 |
| 1762.00 | 0.53 |
| 1764.00 | 0.53 |
| 1766.00 | 0.53 |
| 1768.00 | 0.53 |
| 1770.00 | 0.52 |
| 1772.00 | 0.52 |
| 1774.00 | 0.51 |
| 1776.00 | 0.51 |
| 1778.00 | 0.51 |
| 1780.00 | 0.51 |
| 1782.00 | 0.51 |
| 1784.00 | 0.50 |
| 1786.00 | 0.50 |
| 1788.00 | 0.50 |
| 1790.00 | 0.50 |
| 1792.00 | 0.50 |
| 1794.00 | 0.49 |
| 1796.00 | 0.49 |

| Elapsed Time | Value |
|---|---|
| 1798.00 | 0.49 |
| 1800.00 | 0.48 |
| 1802.00 | 0.48 |
| 1804.00 | 0.48 |
| 1806.00 | 0.48 |
| 1808.00 | 0.48 |
| 1810.00 | 0.47 |
| 1812.00 | 0.47 |
| 1814.00 | 0.47 |
| 1816.00 | 0.46 |
| 1818.00 | 0.46 |
| 1820.00 | 0.46 |
| 1822.00 | 0.46 |
| 1824.00 | 0.46 |
| 1826.00 | 0.46 |
| 1828.00 | 0.45 |
| 1830.00 | 0.45 |
| 1832.00 | 0.45 |
| 1834.00 | 0.44 |
| 1836.00 | 0.44 |
| 1838.00 | 0.44 |
| 1840.00 | 0.44 |
| 1842.00 | 0.44 |
| 1844.00 | 0.43 |
| 1846.00 | 0.43 |
| 1848.00 | 0.43 |
| 1850.00 | 0.43 |
| 1852.00 | 0.43 |
| 1854.00 | 0.43 |
| 1856.00 | 0.42 |
| 1858.00 | 0.42 |
| 1860.00 | 0.41 |
| 1862.00 | 0.41 |
| 1864.00 | 0.41 |
| 1866.00 | 0.41 |
| 1868.00 | 0.41 |
| 1870.00 | 0.41 |
| 1872.00 | 0.41 |
| 1874.00 | 0.40 |
| 1876.00 | 0.40 |
| 1878.00 | 0.40 |
| 1880.00 | 0.39 |
| 1882.00 | 0.39 |
| 1884.00 | 0.39 |
| 1886.00 | 0.39 |
| 1888.00 | 0.39 |
| 1890.00 | 0.39 |
| 1892.00 | 0.39 |
| 1894.00 | 0.38 |
| 1896.00 | 0.38 |
| 1898.00 | 0.37 |
| 1900.00 | 0.37 |
| 1902.00 | 0.37 |
| 1904.00 | 0.37 |

| Elapsed Time | Value |
|---|---|
| 1906.00 | 0.37 |
| 1908.00 | 0.37 |
| 1910.00 | 0.36 |
| 1912.00 | 0.36 |
| 1914.00 | 0.36 |
| 1916.00 | 0.36 |
| 1918.00 | 0.36 |
| 1920.00 | 0.36 |
| 1922.00 | 0.36 |
| 1924.00 | 0.36 |
| 1926.00 | 0.36 |
| 1928.00 | 0.35 |
| 1930.00 | 0.35 |
| 1932.00 | 0.35 |
| 1934.00 | 0.35 |
| 1936.00 | 0.34 |
| 1938.00 | 0.34 |
| 1940.00 | 0.34 |
| 1942.00 | 0.34 |
| 1944.00 | 0.34 |
| 1946.00 | 0.34 |
| 1948.00 | 0.34 |
| 1950.00 | 0.34 |
| 1952.00 | 0.34 |
| 1954.00 | 0.33 |
| 1956.00 | 0.33 |
| 1958.00 | 0.33 |
| 1960.00 | 0.33 |
| 1962.00 | 0.32 |
| 1964.00 | 0.32 |
| 1966.00 | 0.32 |
| 1968.00 | 0.32 |
| 1970.00 | 0.32 |
| 1972.00 | 0.32 |
| 1974.00 | 0.32 |
| 1976.00 | 0.32 |
| 1978.00 | 0.32 |
| 1980.00 | 0.32 |
| 1982.00 | 0.32 |
| 1984.00 | 0.31 |
| 1986.00 | 0.31 |
| 1988.00 | 0.31 |
| 1990.00 | 0.31 |
| 1992.00 | 0.31 |
| 1994.00 | 0.31 |
| 1996.00 | 0.31 |
| 1998.00 | 0.31 |
| 2000.00 | 0.30 |
| 2002.00 | 0.30 |
| 2004.00 | 0.30 |
| 2006.00 | 0.30 |
| 2008.00 | 0.30 |
| 2010.00 | 0.30 |
| 2012.00 | 0.29 |

| Elapsed Time | Value |
|---|---|
| 2014.00 | 0.29 |
| 2016.00 | 0.29 |
| 2018.00 | 0.29 |
| 2020.00 | 0.29 |
| 2022.00 | 0.29 |
| 2024.00 | 0.29 |
| 2026.00 | 0.29 |
| 2028.00 | 0.29 |
| 2030.00 | 0.29 |
| 2032.00 | 0.29 |
| 2034.00 | 0.29 |
| 2036.00 | 0.29 |
| 2038.00 | 0.29 |
| 2040.00 | 0.28 |
| 2042.00 | 0.28 |
| 2044.00 | 0.28 |
| 2046.00 | 0.28 |
| 2048.00 | 0.28 |
| 2050.00 | 0.28 |
| 2052.00 | 0.27 |
| 2054.00 | 0.27 |
| 2056.00 | 0.27 |
| 2058.00 | 0.27 |
| 2060.00 | 0.27 |
| 2062.00 | 0.27 |
| 2064.00 | 0.27 |
| 2066.00 | 0.27 |
| 2068.00 | 0.27 |
| 2070.00 | 0.27 |
| 2072.00 | 0.27 |
| 2074.00 | 0.27 |
| 2076.00 | 0.27 |
| 2078.00 | 0.27 |
| 2080.00 | 0.26 |
| 2082.00 | 0.26 |
| 2084.00 | 0.26 |
| 2086.00 | 0.26 |
| 2088.00 | 0.26 |
| 2090.00 | 0.26 |
| 2092.00 | 0.26 |
| 2094.00 | 0.25 |
| 2096.00 | 0.25 |
| 2098.00 | 0.25 |
| 2100.00 | 0.25 |
| 2102.00 | 0.25 |
| 2104.00 | 0.25 |
| 2106.00 | 0.25 |
| 2108.00 | 0.25 |
| 2110.00 | 0.25 |
| 2112.00 | 0.25 |
| 2114.00 | 0.25 |
| 2116.00 | 0.25 |
| 2118.00 | 0.25 |
| 2120.00 | 0.24 |



CHM 003 1160

| Elapsed Time | Value |
|---|---|
| 2122.00 | 0.24 |
| 2124.00 | 0.24 |
| 2126.00 | 0.24 |
| 2128.00 | 0.24 |
| 2130.00 | 0.24 |
| 2132.00 | 0.24 |
| 2134.00 | 0.24 |
| 2136.00 | 0.24 |
| 2138.00 | 0.24 |
| 2140.00 | 0.24 |
| 2142.00 | 0.24 |
| 2144.00 | 0.24 |
| 2146.00 | 0.24 |
| 2148.00 | 0.24 |
| 2150.00 | 0.23 |
| 2152.00 | 0.24 |
| 2154.00 | 0.23 |
| 2156.00 | 0.23 |
| 2158.00 | 0.23 |
| 2160.00 | 0.23 |
| 2162.00 | 0.23 |
| 2164.00 | 0.23 |
| 2166.00 | 0.23 |
| 2168.00 | 0.23 |
| 2170.00 | 0.23 |
| 2172.00 | 0.23 |
| 2174.00 | 0.23 |
| 2176.00 | 0.23 |
| 2178.00 | 0.22 |
| 2180.00 | 0.22 |
| 2182.00 | 0.22 |
| 2184.00 | 0.22 |
| 2186.00 | 0.22 |
| 2188.00 | 0.22 |
| 2190.00 | 0.22 |
| 2192.00 | 0.22 |
| 2194.00 | 0.22 |
| 2196.00 | 0.22 |
| 2198.00 | 0.22 |
| 2200.00 | 0.22 |
| 2202.00 | 0.22 |
| 2204.00 | 0.22 |
| 2206.00 | 0.22 |
| 2208.00 | 0.22 |
| 2210.00 | 0.22 |
| 2212.00 | 0.21 |
| 2214.00 | 0.21 |
| 2216.00 | 0.21 |
| 2218.00 | 0.21 |
| 2220.00 | 0.21 |
| 2222.00 | 0.21 |
| 2224.00 | 0.21 |
| 2226.00 | 0.21 |
| 2228.00 | 0.21 |

| Elapsed Time | Value |
|---|---|
| 2230.00 | 0.21 |
| 2232.00 | 0.20 |
| 2234.00 | 0.20 |
| 2236.00 | 0.20 |
| 2238.00 | 0.20 |
| 2240.00 | 0.20 |
| 2242.00 | 0.20 |
| 2244.00 | 0.20 |
| 2246.00 | 0.20 |
| 2248.00 | 0.20 |
| 2250.00 | 0.20 |
| 2252.00 | 0.20 |
| 2254.00 | 0.20 |
| 2256.00 | 0.20 |
| 2258.00 | 0.20 |
| 2260.00 | 0.20 |
| 2262.00 | 0.20 |
| 2264.00 | 0.20 |
| 2266.00 | 0.20 |
| 2268.00 | 0.20 |
| 2270.00 | 0.20 |
| 2272.00 | 0.20 |
| 2274.00 | 0.19 |
| 2276.00 | 0.19 |
| 2278.00 | 0.19 |
| 2280.00 | 0.19 |
| 2282.00 | 0.19 |
| 2284.00 | 0.19 |
| 2286.00 | 0.19 |
| 2288.00 | 0.19 |
| 2290.00 | 0.19 |
| 2292.00 | 0.18 |
| 2294.00 | 0.18 |
| 2296.00 | 0.18 |
| 2298.00 | 0.18 |
| 2300.00 | 0.18 |
| 2302.00 | 0.18 |
| 2304.00 | 0.18 |
| 2306.00 | 0.18 |
| 2308.00 | 0.18 |
| 2310.00 | 0.18 |
| 2312.00 | 0.18 |
| 2314.00 | 0.18 |
| 2316.00 | 0.18 |
| 2318.00 | 0.18 |
| 2320.00 | 0.18 |
| 2322.00 | 0.18 |
| 2324.00 | 0.18 |
| 2326.00 | 0.17 |
| 2328.00 | 0.17 |
| 2330.00 | 0.17 |
| 2332.00 | 0.17 |
| 2334.00 | 0.17 |
| 2336.00 | 0.17 |



CHM 003 1162

| Elapsed Time | Value |
|---|---|
| 2338.00 | 0.17 |
| 2340.00 | 0.17 |
| 2342.00 | 0.17 |
| 2344.00 | 0.17 |
| 2346.00 | 0.17 |
| 2348.00 | 0.17 |
| 2350.00 | 0.17 |
| 2352.00 | 0.17 |
| 2354.00 | 0.17 |
| 2356.00 | 0.17 |
| 2358.00 | 0.16 |
| 2360.00 | 0.16 |
| 2362.00 | 0.16 |
| 2364.00 | 0.16 |
| 2366.00 | 0.16 |
| 2368.00 | 0.16 |
| 2370.00 | 0.15 |
| 2372.00 | 0.15 |
| 2374.00 | 0.15 |
| 2376.00 | 0.15 |
| 2378.00 | 0.15 |
| 2380.00 | 0.15 |
| 2382.00 | 0.15 |
| 2384.00 | 0.15 |
| 2386.00 | 0.15 |
| 2388.00 | 0.15 |
| 2390.00 | 0.14 |
| 2392.00 | 0.14 |
| 2394.00 | 0.14 |
| 2396.00 | 0.14 |
| 2398.00 | 0.14 |
| 2400.00 | 0.13 |
| 2402.00 | 0.13 |
| 2404.00 | 0.13 |
| 2406.00 | 0.13 |
| 2408.00 | 0.13 |
| 2410.00 | 0.13 |
| 2412.00 | 0.13 |
| 2414.00 | 0.13 |
| 2416.00 | 0.13 |
| 2418.00 | 0.13 |
| 2420.00 | 0.13 |
| 2422.00 | 0.12 |
| 2424.00 | 0.12 |
| 2426.00 | 0.12 |
| 2428.00 | 0.12 |
| 2430.00 | 0.12 |
| 2432.00 | 0.12 |
| 2434.00 | 0.12 |
| 2436.00 | 0.12 |
| 2438.00 | 0.12 |
| 2440.00 | 0.12 |
| 2442.00 | 0.12 |
| 2444.00 | 0.12 |



CHM 003 1163

| Elapsed Time | Value |
|---|---|
| 2446.00 | 0.11 |
| 2448.00 | 0.11 |
| 2450.00 | 0.11 |
| 2452.00 | 0.11 |
| 2454.00 | 0.11 |
| 2456.00 | 0.11 |
| 2458.00 | 0.10 |
| 2460.00 | 0.10 |
| 2462.00 | 0.10 |
| 2464.00 | 0.10 |
| 2466.00 | 0.10 |
| 2468.00 | 0.10 |
| 2470.00 | 0.10 |
| 2472.00 | 0.10 |
| 2474.00 | 0.10 |
| 2476.00 | 0.10 |
| 2478.00 | 0.10 |
| 2480.00 | 0.09 |
| 2482.00 | 0.09 |
| 2484.00 | 0.09 |
| 2486.00 | 0.09 |
| 2488.00 | 0.09 |
| 2490.00 | 0.09 |
| 2492.00 | 0.08 |
| 2494.00 | 0.08 |
| 2496.00 | 0.08 |
| 2498.00 | 0.08 |
| 2500.00 | 0.08 |
| 2502.00 | 0.08 |
| 2504.00 | 0.08 |
| 2506.00 | 0.08 |
| 2508.00 | 0.08 |
| 2510.00 | 0.08 |
| 2512.00 | 0.07 |
| 2514.00 | 0.07 |
| 2516.00 | 0.07 |
| 2518.00 | 0.07 |
| 2520.00 | 0.07 |
| 2522.00 | 0.06 |
| 2524.00 | 0.06 |
| 2526.00 | 0.06 |
| 2528.00 | 0.06 |
| 2530.00 | 0.06 |
| 2532.00 | 0.06 |
| 2534.00 | 0.06 |
| 2536.00 | 0.06 |
| 2538.00 | 0.06 |
| 2540.00 | 0.06 |
| 2542.00 | 0.06 |
| 2544.00 | 0.06 |
| 2546.00 | 0.05 |
| 2548.00 | 0.05 |
| 2550.00 | 0.05 |
| 2552.00 | 0.05 |



CHM 003 1164

| Elapsed Time | Value |
|---|---|
| 2554.00 | 0.05 |
| 2556.00 | 0.05 |
| 2558.00 | 0.05 |
| 2560.00 | 0.05 |
| 2562.00 | 0.05 |
| 2564.00 | 0.05 |
| 2566.00 | 0.05 |
| 2568.00 | 0.05 |
| 2570.00 | 0.04 |
| 2572.00 | 0.04 |
| 2574.00 | 0.04 |
| 2576.00 | 0.03 |
| 2578.00 | 0.03 |
| 2580.00 | 0.03 |
| 2582.00 | 0.03 |
| 2584.00 | 0.03 |
| 2586.00 | 0.03 |
| 2588.00 | 0.03 |
| 2590.00 | 0.03 |
| 2592.00 | 0.03 |
| 2594.00 | 0.03 |
| 2596.00 | 0.02 |
| 2598.00 | 0.02 |
| 2600.00 | 0.02 |
| 2602.00 | 0.02 |
| 2604.00 | 0.02 |
| 2606.00 | 0.02 |
| 2608.00 | 0.01 |
| 2610.00 | 0.01 |
| 2612.00 | 0.01 |
| 2614.00 | 0.01 |
| 2616.00 | 0.01 |
| 2618.00 | 0.01 |
| 2620.00 | 0.01 |
| 2622.00 | 0.01 |
| 2624.00 | 0.01 |
| 2626.00 | 0.01 |
| 2628.00 | 0.01 |
| 2630.00 | 0.01 |
| 2632.00 | 0.01 |
| 2634.00 | 0.00 |
| 2636.00 | 0.00 |
| 2638.00 | 0.00 |
| 2640.00 | 0.00 |
| 2642.00 | 0.00 |
| 2644.00 | 0.00 |
| 2646.00 | 0.00 |
| 2648.00 | 0.00 |
| 2650.00 | 0.00 |
| 2652.00 | 0.00 |
| 2654.00 | 0.00 |
| 2656.00 | 0.00 |
| 2658.00 | 0.00 |
| 2660.00 | 0.00 |



CHM 003 1165

| Elapsed Time | Value |
|---|---|
| 2662.00 | 0.00 |
| 2664.00 | 0.00 |
| 2666.00 | 0.00 |
| 2668.00 | 0.00 |
| 2670.00 | 0.00 |
| 2672.00 | -0.00 |
| 2674.00 | -0.00 |
| 2676.00 | -0.00 |
| 2678.00 | -0.00 |
| 2680.00 | -0.00 |
| 2682.00 | -0.00 |
| 2684.00 | -0.00 |
| 2686.00 | -0.00 |
| 2688.00 | -0.00 |
| 2690.00 | -0.00 |
| 2692.00 | -0.00 |
| 2694.00 | -0.01 |
| 2696.00 | -0.00 |
| 2698.00 | -0.01 |
| 2700.00 | -0.00 |
| 2702.00 | -0.00 |
| 2704.00 | -0.01 |
| 2706.00 | -0.01 |
| 2708.00 | -0.01 |
| 2710.00 | -0.01 |
| 2712.00 | -0.01 |
| 2714.00 | -0.01 |
| 2716.00 | -0.01 |
| 2718.00 | -0.01 |



CHM 003 1166

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 5-LT PUMP ZONE: 153 - BOTTOM IN DMW-11

WELL ID:

SE2000
Environmental Logger
12/03 07:31

Unit# 436 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 | TW4 | TW3 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 | 0.115 | 0.274 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 | 20.009 | 29.998 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 | 0.091 | -0.084 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 12/01 09:38:49

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 0.0000 | 0.000 | -0.019 | 0.000 | -0.006 | 0.000 | -0.009 |
| 2.0000 | 0.000 | -0.019 | 0.000 | -0.006 | 0.006 | 0.000 |
| 4.0000 | 0.012 | -0.009 | 0.000 | -0.012 | 0.006 | -0.009 |
| 6.0000 | 0.012 | -0.009 | 0.000 | -0.006 | 0.006 | 0.000 |
| 8.0000 | 0.000 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 10.0000 | 0.006 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 12.0000 | 0.012 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 14.0000 | 0.012 | -0.009 | 0.000 | -0.006 | 0.006 | 0.000 |
| 16.0000 | 0.000 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 18.0000 | 0.000 | -0.009 | 0.000 | 0.000 | 0.006 | 0.000 |
| 20.0000 | 0.006 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 22.0000 | 0.006 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 24.0000 | 0.006 | -0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26.0000 | 0.006 | -0.009 | 0.000 | -0.006 | 0.006 | -0.009 |
| 28.0000 | 0.000 | -0.009 | 0.000 | -0.006 | 0.006 | -0.019 |
| 30.0000 | -0.012 | -0.009 | 0.009 | 0.000 | 0.006 | -0.028 |
| 32.0000 | 0.000 | -0.009 | 0.009 | -0.006 | 0.000 | -0.019 |
| 34.0000 | 0.012 | -0.009 | 0.009 | 0.000 | 0.006 | -0.009 |
| 36.0000 | 0.006 | 0.000 | 0.009 | 0.000 | 0.006 | 0.000 |
| 38.0000 | 0.000 | -0.009 | 0.009 | 0.000 | 0.000 | -0.019 |
| 40.0000 | 0.006 | -0.009 | 0.009 | 0.000 | 0.000 | -0.019 |
| 42.0000 | 0.006 | 0.000 | 0.009 | 0.000 | 0.006 | -0.009 |
| 44.0000 | 0.012 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 |
| 46.0000 | 0.025 | 0.000 | 0.009 | 0.000 | 0.000 | 0.000 |
| 48.0000 | 0.006 | 0.000 | 0.009 | 0.000 | 0.000 | -0.019 |
| 50.0000 | 0.012 | 0.000 | 0.009 | 0.000 | 0.006 | -0.009 |
| 52.0000 | -0.012 | 0.000 | 0.009 | 0.000 | 0.000 | -0.028 |
| 54.0000 | 0.012 | 0.000 | 0.009 | 0.006 | 0.000 | 0.000 |



CHM 003 1167

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 56.0000 | -0.012 | 0.000 | 0.009 | 0.000 | 0.000 | -0.028 |
| 58.0000 | -0.012 | 0.000 | 0.018 | 0.000 | 0.000 | -0.028 |
| 60.0000 | -0.012 | 0.000 | 0.018 | 0.000 | 0.000 | -0.019 |
| 62.0000 | 0.006 | 0.000 | 0.018 | 0.006 | 0.000 | -0.009 |
| 64.0000 | 0.012 | 0.009 | 0.018 | 0.006 | 0.000 | 0.000 |
| 66.0000 | 0.025 | 0.000 | 0.018 | 0.006 | 0.000 | 0.019 |
| 68.0000 | 0.012 | 0.000 | 0.018 | 0.006 | 0.000 | 0.009 |
| 70.0000 | 0.012 | 0.000 | 0.018 | 0.006 | 0.000 | 0.009 |
| 72.0000 | 0.019 | 0.009 | 0.018 | 0.006 | 0.000 | 0.028 |
| 74.0000 | 0.012 | 0.000 | 0.018 | 0.006 | 0.000 | 0.019 |
| 76.0000 | -0.012 | 0.009 | 0.018 | 0.006 | 0.000 | 0.009 |
| 78.0000 | 0.012 | 0.009 | 0.018 | 0.006 | 0.000 | 0.019 |
| 80.0000 | 0.000 | 0.009 | 0.018 | 0.006 | 0.000 | 0.009 |
| 82.0000 | 0.006 | 0.009 | 0.018 | 0.006 | 0.000 | 0.009 |
| 84.0000 | 0.012 | 0.009 | 0.018 | 0.012 | 0.000 | 0.019 |
| 86.0000 | 0.038 | 0.009 | 0.018 | 0.012 | 0.000 | 0.038 |
| 88.0000 | 0.025 | 0.009 | 0.018 | 0.006 | 0.000 | 0.028 |
| 90.0000 | 0.019 | 0.009 | 0.018 | 0.012 | 0.000 | 0.019 |
| 92.0000 | 0.019 | 0.009 | 0.018 | 0.012 | 0.000 | 0.019 |
| 94.0000 | 0.019 | 0.009 | 0.018 | 0.019 | 0.000 | 0.009 |
| 96.0000 | 0.000 | 0.009 | 0.018 | 0.006 | 0.000 | 0.000 |
| 98.0000 | 0.012 | 0.009 | 0.018 | 0.019 | 0.000 | 0.019 |
| 100.000 | 0.000 | 0.009 | 0.018 | 0.012 | 0.000 | 0.000 |
| 102.000 | 0.019 | 0.019 | 0.018 | 0.012 | 0.000 | 0.000 |
| 104.000 | 0.000 | 0.009 | 0.028 | 0.019 | 0.000 | -0.009 |
| 106.000 | 0.025 | 0.009 | 0.028 | 0.019 | 0.000 | 0.009 |
| 108.000 | 0.006 | 0.009 | 0.028 | 0.019 | 0.000 | -0.009 |
| 110.000 | 0.019 | 0.019 | 0.028 | 0.019 | 0.000 | 0.000 |
| 112.000 | -0.006 | 0.009 | 0.028 | 0.012 | 0.000 | -0.019 |
| 114.000 | -0.006 | 0.009 | 0.028 | 0.012 | 0.000 | -0.009 |
| 116.000 | 0.012 | 0.019 | 0.028 | 0.019 | 0.000 | -0.009 |
| 118.000 | 0.006 | 0.019 | 0.028 | 0.019 | 0.000 | -0.019 |
| 120.000 | 0.000 | 0.019 | 0.028 | 0.019 | 0.000 | -0.019 |
| 122.000 | 0.006 | 0.019 | 0.028 | 0.019 | 0.000 | -0.019 |
| 124.000 | 0.000 | 0.019 | 0.028 | 0.012 | -0.006 | -0.019 |
| 126.000 | 0.012 | 0.019 | 0.028 | 0.025 | -0.006 | -0.009 |
| 128.000 | 0.025 | 0.019 | 0.028 | 0.019 | -0.006 | 0.000 |
| 130.000 | 0.031 | 0.019 | 0.028 | 0.019 | -0.006 | -0.009 |
| 132.000 | 0.000 | 0.019 | 0.028 | 0.012 | -0.006 | -0.009 |
| 134.000 | 0.000 | 0.019 | 0.028 | 0.019 | -0.006 | -0.019 |
| 136.000 | 0.000 | 0.019 | 0.028 | 0.019 | -0.006 | -0.028 |
| 138.000 | -0.012 | 0.019 | 0.028 | 0.025 | -0.006 | -0.038 |
| 140.000 | 0.025 | 0.019 | 0.028 | 0.025 | -0.006 | 0.000 |
| 142.000 | 0.019 | 0.019 | 0.028 | 0.025 | -0.006 | -0.009 |
| 144.000 | 0.050 | 0.019 | 0.028 | 0.031 | -0.006 | 0.000 |
| 146.000 | 0.038 | 0.019 | 0.028 | 0.025 | -0.006 | -0.009 |
| 148.000 | 0.031 | 0.019 | 0.028 | 0.025 | -0.006 | 0.000 |
| 150.000 | 0.012 | 0.019 | 0.037 | 0.025 | -0.006 | -0.009 |
| 152.000 | 0.012 | 0.019 | 0.037 | 0.025 | -0.006 | -0.019 |
| 154.000 | -0.012 | 0.019 | 0.047 | 0.019 | -0.006 | -0.047 |
| 156.000 | 0.006 | 0.028 | 0.047 | 0.025 | -0.006 | -0.028 |
| 158.000 | 0.019 | 0.019 | 0.047 | 0.019 | -0.006 | -0.019 |
| 160.000 | 0.012 | 0.019 | 0.047 | 0.025 | -0.006 | -0.019 |
| 162.000 | 0.019 | 0.028 | 0.047 | 0.025 | -0.006 | -0.019 |



CHM 003 1168

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 164.000 | 0.019 | 0.019 | 0.056 | 0.025 | -0.006 | -0.019 |
| 166.000 | 0.019 | 0.028 | 0.056 | 0.025 | -0.012 | -0.028 |
| 168.000 | 0.019 | 0.028 | 0.056 | 0.031 | -0.012 | -0.019 |
| 170.000 | 0.025 | 0.028 | 0.056 | 0.031 | -0.012 | -0.019 |
| 172.000 | 0.000 | 0.028 | 0.056 | 0.025 | -0.012 | -0.038 |
| 174.000 | 0.000 | 0.028 | 0.056 | 0.025 | -0.012 | -0.038 |
| 176.000 | 0.012 | 0.028 | 0.056 | 0.025 | -0.012 | -0.019 |
| 178.000 | 0.038 | 0.028 | 0.056 | 0.031 | -0.012 | -0.009 |
| 180.000 | 0.044 | 0.028 | 0.056 | 0.031 | -0.012 | -0.009 |
| 182.000 | 0.012 | 0.028 | 0.056 | 0.031 | -0.012 | -0.028 |
| 184.000 | 0.012 | 0.028 | 0.056 | 0.025 | -0.012 | -0.028 |
| 186.000 | 0.019 | 0.028 | 0.056 | 0.025 | -0.012 | -0.019 |
| 188.000 | 0.025 | 0.028 | 0.056 | 0.031 | -0.012 | -0.019 |
| 190.000 | 0.038 | 0.028 | 0.142 | 0.031 | -0.012 | -0.009 |
| 192.000 | 0.031 | 0.028 | 0.180 | 0.025 | -0.012 | -0.028 |
| 194.000 | 0.044 | 0.028 | 0.208 | 0.031 | -0.018 | -0.019 |
| 196.000 | 0.044 | 0.028 | 0.265 | 0.031 | -0.018 | -0.028 |
| 198.000 | 0.044 | 0.038 | 0.322 | 0.031 | -0.018 | -0.028 |
| 200.000 | 0.082 | 0.038 | 0.446 | 0.031 | -0.018 | -0.028 |
| 202.000 | 0.070 | 0.047 | 0.550 | 0.025 | -0.018 | -0.038 |
| 204.000 | 0.076 | 0.047 | 0.607 | 0.025 | -0.018 | -0.047 |
| 206.000 | 0.146 | 0.057 | 0.664 | 0.044 | -0.018 | -0.019 |
| 208.000 | 0.178 | 0.066 | 0.702 | 0.031 | -0.018 | -0.019 |
| 210.000 | 0.165 | 0.076 | 0.740 | 0.038 | -0.018 | -0.028 |
| 212.000 | 0.203 | 0.085 | 0.769 | 0.038 | -0.018 | -0.028 |
| 214.000 | 0.242 | 0.095 | 0.797 | 0.038 | -0.018 | -0.028 |
| 216.000 | 0.267 | 0.104 | 0.826 | 0.038 | -0.018 | -0.028 |
| 218.000 | 0.286 | 0.114 | 0.854 | 0.031 | -0.018 | -0.038 |
| 220.000 | 0.312 | 0.123 | 0.873 | 0.038 | -0.018 | -0.038 |
| 222.000 | 0.337 | 0.133 | 0.892 | 0.031 | -0.025 | -0.028 |
| 224.000 | 0.350 | 0.152 | 0.911 | 0.038 | -0.025 | -0.057 |
| 226.000 | 0.388 | 0.161 | 0.930 | 0.038 | -0.025 | -0.038 |
| 228.000 | 0.395 | 0.171 | 0.940 | 0.038 | -0.025 | -0.057 |
| 230.000 | 0.426 | 0.180 | 0.959 | 0.038 | -0.025 | -0.047 |
| 232.000 | 0.452 | 0.190 | 0.968 | 0.038 | -0.025 | -0.038 |
| 234.000 | 0.465 | 0.199 | 0.978 | 0.038 | -0.025 | -0.057 |
| 236.000 | 0.509 | 0.209 | 0.997 | 0.044 | -0.025 | -0.028 |
| 238.000 | 0.573 | 0.218 | 1.006 | 0.057 | -0.025 | 0.000 |
| 240.000 | 0.573 | 0.228 | 1.025 | 0.044 | -0.025 | -0.019 |
| 242.000 | 0.567 | 0.237 | 1.129 | 0.044 | -0.025 | -0.047 |
| 244.000 | 0.586 | 0.247 | 1.215 | 0.044 | -0.025 | -0.057 |
| 246.000 | 0.598 | 0.257 | 1.272 | 0.044 | -0.031 | -0.047 |
| 248.000 | 0.630 | 0.266 | 1.319 | 0.050 | -0.031 | -0.047 |
| 250.000 | 0.662 | 0.285 | 1.367 | 0.050 | -0.025 | -0.047 |
| 252.000 | 0.688 | 0.295 | 1.405 | 0.050 | -0.031 | -0.047 |
| 254.000 | 0.720 | 0.304 | 1.443 | 0.050 | -0.031 | -0.038 |
| 256.000 | 0.751 | 0.314 | 1.471 | 0.050 | -0.031 | -0.047 |
| 258.000 | 0.777 | 0.333 | 1.490 | 0.050 | -0.031 | -0.047 |
| 260.000 | 0.809 | 0.342 | 1.509 | 0.057 | -0.031 | -0.038 |
| 262.000 | 0.821 | 0.352 | 1.538 | 0.057 | -0.031 | -0.057 |
| 264.000 | 0.841 | 0.361 | 1.547 | 0.057 | -0.031 | -0.066 |
| 266.000 | 0.879 | 0.380 | 1.576 | 0.050 | -0.037 | -0.057 |
| 268.000 | 0.860 | 0.390 | 1.595 | 0.050 | -0.031 | -0.085 |
| 270.000 | 0.892 | 0.409 | 1.614 | 0.057 | -0.031 | -0.085 |



CHM 003 1169

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 272.000 | 0.949 | 0.418 | 1.623 | 0.063 | -0.031 | -0.057 |
| 274.000 | 0.981 | 0.428 | 1.642 | 0.063 | -0.031 | -0.057 |
| 276.000 | 1.006 | 0.447 | 1.661 | 0.069 | -0.031 | -0.047 |
| 278.000 | 1.019 | 0.456 | 1.671 | 0.069 | -0.031 | -0.057 |
| 280.000 | 1.038 | 0.466 | 1.680 | 0.069 | -0.031 | -0.057 |
| 282.000 | 1.064 | 0.475 | 1.699 | 0.076 | -0.031 | -0.047 |
| 284.000 | 1.083 | 0.485 | 1.709 | 0.076 | -0.031 | -0.057 |
| 286.000 | 1.108 | 0.504 | 1.718 | 0.076 | -0.031 | -0.057 |
| 288.000 | 1.121 | 0.514 | 1.728 | 0.076 | -0.031 | -0.057 |
| 290.000 | 1.134 | 0.523 | 1.747 | 0.082 | -0.031 | -0.057 |
| 292.000 | 1.153 | 0.533 | 1.756 | 0.082 | -0.031 | -0.057 |
| 294.000 | 1.172 | 0.542 | 1.766 | 0.082 | -0.031 | -0.057 |
| 296.000 | 1.185 | 0.552 | 1.775 | 0.082 | -0.037 | -0.057 |
| 298.000 | 1.210 | 0.561 | 1.785 | 0.089 | -0.037 | -0.057 |
| 300.000 | 1.217 | 0.571 | 1.794 | 0.089 | -0.037 | -0.057 |
| 302.000 | 1.236 | 0.580 | 1.813 | 0.089 | -0.037 | -0.057 |
| 304.000 | 1.242 | 0.580 | 1.813 | 0.095 | -0.037 | -0.066 |
| 306.000 | 1.274 | 0.590 | 1.823 | 0.095 | -0.037 | -0.057 |
| 308.000 | 1.280 | 0.609 | 1.832 | 0.101 | -0.037 | -0.057 |
| 310.000 | 1.293 | 0.618 | 1.842 | 0.101 | -0.037 | -0.057 |
| 312.000 | 1.312 | 0.618 | 1.851 | 0.108 | -0.037 | -0.057 |
| 314.000 | 1.325 | 0.628 | 1.861 | 0.108 | -0.037 | -0.057 |
| 316.000 | 1.331 | 0.637 | 1.870 | 0.108 | -0.037 | -0.057 |
| 318.000 | 1.344 | 0.647 | 1.880 | 0.114 | -0.037 | -0.057 |
| 320.000 | 1.350 | 0.656 | 1.889 | 0.114 | -0.037 | -0.057 |
| 322.000 | 1.369 | 0.656 | 1.899 | 0.120 | -0.037 | -0.057 |
| 324.000 | 1.382 | 0.666 | 1.899 | 0.120 | -0.037 | -0.057 |
| 326.000 | 1.389 | 0.675 | 1.908 | 0.127 | -0.037 | -0.057 |
| 328.000 | 1.401 | 0.685 | 1.918 | 0.127 | -0.037 | -0.057 |
| 330.000 | 1.408 | 0.685 | 1.927 | 0.127 | -0.037 | -0.066 |
| 332.000 | 1.420 | 0.694 | 1.937 | 0.133 | -0.037 | -0.066 |
| 334.000 | 1.427 | 0.704 | 1.937 | 0.133 | -0.037 | -0.057 |
| 336.000 | 1.439 | 0.713 | 1.946 | 0.139 | -0.037 | -0.057 |
| 338.000 | 1.452 | 0.713 | 1.946 | 0.139 | -0.037 | -0.057 |
| 340.000 | 1.459 | 0.723 | 1.956 | 0.139 | -0.037 | -0.057 |
| 342.000 | 1.471 | 0.732 | 1.965 | 0.146 | -0.037 | -0.057 |
| 344.000 | 1.478 | 0.732 | 1.975 | 0.146 | -0.037 | -0.057 |
| 346.000 | 1.484 | 0.742 | 1.975 | 0.152 | -0.037 | -0.057 |
| 348.000 | 1.497 | 0.751 | 1.984 | 0.152 | -0.037 | -0.057 |
| 350.000 | 1.503 | 0.751 | 1.984 | 0.158 | -0.037 | -0.066 |
| 352.000 | 1.510 | 0.761 | 1.994 | 0.158 | -0.037 | -0.057 |
| 354.000 | 1.516 | 0.761 | 2.003 | 0.165 | -0.037 | -0.057 |
| 356.000 | 1.522 | 0.771 | 2.003 | 0.165 | -0.037 | -0.066 |
| 358.000 | 1.529 | 0.771 | 2.003 | 0.165 | -0.037 | -0.066 |
| 360.000 | 1.535 | 0.780 | 2.013 | 0.171 | -0.037 | -0.066 |
| 362.000 | 1.541 | 0.780 | 2.022 | 0.171 | -0.037 | -0.066 |
| 364.000 | 1.548 | 0.790 | 2.022 | 0.178 | -0.037 | -0.066 |
| 366.000 | 1.554 | 0.799 | 2.032 | 0.178 | -0.037 | -0.066 |
| 368.000 | 1.561 | 0.799 | 2.041 | 0.184 | -0.037 | -0.066 |
| 370.000 | 1.573 | 0.809 | 2.041 | 0.184 | -0.037 | -0.066 |
| 372.000 | 1.580 | 0.809 | 2.051 | 0.190 | -0.037 | -0.057 |
| 374.000 | 1.586 | 0.818 | 2.051 | 0.190 | -0.037 | -0.066 |
| 376.000 | 1.599 | 0.818 | 2.060 | 0.197 | -0.037 | -0.057 |
| 378.000 | 1.599 | 0.828 | 2.060 | 0.197 | -0.037 | -0.057 |



CHM 003 1170

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 380.000 | 1.605 | 0.828 | 2.070 | 0.197 | -0.037 | -0.057 |
| 382.000 | 1.611 | 0.837 | 2.070 | 0.203 | -0.037 | -0.066 |
| 384.000 | 1.618 | 0.837 | 2.079 | 0.203 | -0.037 | -0.066 |
| 386.000 | 1.618 | 0.847 | 2.079 | 0.203 | -0.037 | -0.066 |
| 388.000 | 1.624 | 0.847 | 2.089 | 0.203 | -0.037 | -0.066 |
| 390.000 | 1.631 | 0.856 | 2.089 | 0.209 | -0.037 | -0.066 |
| 392.000 | 1.637 | 0.856 | 2.098 | 0.216 | -0.037 | -0.066 |
| 394.000 | 1.643 | 0.866 | 2.098 | 0.216 | -0.037 | -0.066 |
| 396.000 | 1.650 | 0.866 | 2.108 | 0.216 | -0.037 | -0.066 |
| 398.000 | 1.650 | 0.875 | 2.108 | 0.222 | -0.037 | -0.066 |
| 400.000 | 1.662 | 0.875 | 2.108 | 0.222 | -0.037 | -0.057 |
| 402.000 | 1.662 | 0.885 | 2.117 | 0.228 | -0.037 | -0.066 |
| 404.000 | 1.662 | 0.885 | 2.117 | 0.228 | -0.037 | -0.066 |
| 406.000 | 1.662 | 0.885 | 2.117 | 0.228 | -0.037 | -0.076 |
| 408.000 | 1.669 | 0.894 | 2.126 | 0.235 | -0.037 | -0.076 |
| 410.000 | 1.675 | 0.894 | 2.126 | 0.235 | -0.037 | -0.076 |
| 412.000 | 1.682 | 0.894 | 2.136 | 0.241 | -0.037 | -0.076 |
| 414.000 | 1.688 | 0.904 | 2.136 | 0.241 | -0.037 | -0.066 |
| 416.000 | 1.694 | 0.904 | 2.145 | 0.247 | -0.037 | -0.066 |
| 418.000 | 1.694 | 0.904 | 2.145 | 0.247 | -0.037 | -0.076 |
| 420.000 | 1.707 | 0.913 | 2.145 | 0.254 | -0.037 | -0.066 |
| 422.000 | 1.707 | 0.913 | 2.155 | 0.254 | -0.037 | -0.066 |
| 424.000 | 1.713 | 0.923 | 2.155 | 0.254 | -0.037 | -0.066 |
| 426.000 | 1.720 | 0.923 | 2.155 | 0.260 | -0.037 | -0.066 |
| 428.000 | 1.720 | 0.932 | 2.164 | 0.260 | -0.037 | -0.066 |
| 430.000 | 1.726 | 0.932 | 2.174 | 0.260 | -0.037 | -0.066 |
| 432.000 | 1.732 | 0.932 | 2.174 | 0.267 | -0.037 | -0.066 |
| 434.000 | 1.739 | 0.942 | 2.183 | 0.267 | -0.037 | -0.066 |
| 436.000 | 1.745 | 0.942 | 2.183 | 0.267 | -0.037 | -0.066 |
| 438.000 | 1.752 | 0.942 | 2.183 | 0.273 | -0.037 | -0.066 |
| 440.000 | 1.752 | 0.951 | 2.193 | 0.273 | -0.037 | -0.066 |
| 442.000 | 1.758 | 0.951 | 2.193 | 0.279 | -0.037 | -0.066 |
| 444.000 | 1.764 | 0.951 | 2.193 | 0.279 | -0.037 | -0.066 |
| 446.000 | 1.771 | 0.961 | 2.202 | 0.279 | -0.037 | -0.066 |
| 448.000 | 1.771 | 0.961 | 2.202 | 0.286 | -0.037 | -0.066 |
| 450.000 | 1.777 | 0.961 | 2.212 | 0.286 | -0.037 | -0.066 |
| 452.000 | 1.783 | 0.970 | 2.212 | 0.286 | -0.037 | -0.066 |
| 454.000 | 1.790 | 0.970 | 2.212 | 0.286 | -0.037 | -0.066 |
| 456.000 | 1.796 | 0.980 | 2.221 | 0.286 | -0.037 | -0.057 |
| 458.000 | 1.796 | 0.980 | 2.221 | 0.292 | -0.037 | -0.066 |
| 460.000 | 1.796 | 0.980 | 2.221 | 0.292 | -0.037 | -0.057 |
| 462.000 | 1.803 | 0.989 | 2.221 | 0.292 | -0.031 | -0.057 |
| 464.000 | 1.809 | 0.989 | 2.231 | 0.292 | -0.037 | -0.057 |
| 466.000 | 1.815 | 0.989 | 2.231 | 0.298 | -0.037 | -0.057 |
| 468.000 | 1.815 | 0.989 | 2.231 | 0.298 | -0.037 | -0.057 |
| 470.000 | 1.822 | 0.999 | 2.240 | 0.298 | -0.037 | -0.057 |
| 472.000 | 1.822 | 0.999 | 2.240 | 0.298 | -0.031 | -0.066 |
| 474.000 | 1.822 | 1.008 | 2.240 | 0.298 | -0.031 | -0.057 |
| 476.000 | 1.828 | 1.008 | 2.250 | 0.298 | -0.031 | -0.057 |
| 478.000 | 1.828 | 1.008 | 2.250 | 0.298 | -0.031 | -0.057 |
| 480.000 | 1.834 | 1.008 | 2.250 | 0.305 | -0.031 | -0.057 |
| 482.000 | 1.841 | 1.018 | 2.259 | 0.305 | -0.031 | -0.057 |
| 484.000 | 1.841 | 1.018 | 2.259 | 0.305 | -0.031 | -0.057 |
| 486.000 | 1.847 | 1.018 | 2.259 | 0.305 | -0.031 | -0.057 |



CHM 003 1171

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 488.000 | 1.847 | 1.028 | 2.259 | 0.305 | -0.031 | -0.057 |
| 490.000 | 1.854 | 1.028 | 2.269 | 0.305 | -0.031 | -0.057 |
| 492.000 | 1.854 | 1.028 | 2.269 | 0.305 | -0.031 | -0.057 |
| 494.000 | 1.860 | 1.028 | 2.269 | 0.305 | -0.031 | -0.057 |
| 496.000 | 1.860 | 1.037 | 2.269 | 0.305 | -0.031 | -0.047 |
| 498.000 | 1.866 | 1.037 | 2.278 | 0.305 | -0.031 | -0.047 |
| 500.000 | 1.873 | 1.037 | 2.278 | 0.305 | -0.031 | -0.038 |
| 502.000 | 1.879 | 1.047 | 2.278 | 0.311 | -0.031 | -0.038 |
| 504.000 | 1.885 | 1.047 | 2.288 | 0.311 | -0.031 | -0.038 |
| 506.000 | 1.892 | 1.047 | 2.288 | 0.311 | -0.031 | -0.028 |
| 508.000 | 1.892 | 1.047 | 2.288 | 0.311 | -0.031 | -0.028 |
| 510.000 | 1.904 | 1.056 | 2.297 | 0.311 | -0.031 | -0.028 |
| 512.000 | 1.898 | 1.056 | 2.297 | 0.311 | -0.031 | -0.028 |
| 514.000 | 1.898 | 1.056 | 2.297 | 0.311 | -0.031 | -0.028 |
| 516.000 | 1.911 | 1.056 | 2.307 | 0.311 | -0.031 | -0.019 |
| 518.000 | 1.911 | 1.066 | 2.307 | 0.311 | -0.031 | -0.019 |
| 520.000 | 1.911 | 1.066 | 2.307 | 0.311 | -0.031 | -0.019 |
| 522.000 | 1.917 | 1.066 | 2.307 | 0.311 | -0.025 | -0.009 |
| 524.000 | 1.930 | 1.066 | 2.316 | 0.317 | -0.025 | -0.009 |
| 526.000 | 1.930 | 1.075 | 2.316 | 0.317 | -0.025 | -0.009 |
| 528.000 | 1.930 | 1.075 | 2.316 | 0.311 | -0.025 | -0.009 |
| 530.000 | 1.924 | 1.075 | 2.316 | 0.317 | -0.025 | -0.009 |
| 532.000 | 1.924 | 1.075 | 2.326 | 0.317 | -0.025 | -0.019 |
| 534.000 | 1.930 | 1.085 | 2.326 | 0.317 | -0.025 | -0.009 |
| 536.000 | 1.936 | 1.085 | 2.326 | 0.317 | -0.025 | -0.009 |
| 538.000 | 1.936 | 1.085 | 2.326 | 0.317 | -0.025 | -0.009 |
| 540.000 | 1.943 | 1.094 | 2.335 | 0.311 | -0.025 | -0.009 |
| 542.000 | 1.943 | 1.094 | 2.335 | 0.311 | -0.025 | -0.009 |
| 544.000 | 1.943 | 1.094 | 2.335 | 0.311 | -0.025 | -0.009 |
| 546.000 | 1.943 | 1.094 | 2.335 | 0.311 | -0.025 | -0.009 |
| 548.000 | 1.943 | 1.094 | 2.335 | 0.311 | -0.025 | -0.009 |
| 550.000 | 1.936 | 1.104 | 2.335 | 0.305 | -0.025 | -0.009 |
| 552.000 | 1.943 | 1.104 | 2.335 | 0.305 | -0.025 | -0.009 |
| 554.000 | 1.943 | 1.104 | 2.335 | 0.305 | -0.025 | -0.009 |
| 556.000 | 1.949 | 1.104 | 2.345 | 0.311 | -0.025 | -0.009 |
| 558.000 | 1.949 | 1.104 | 2.345 | 0.311 | -0.025 | -0.009 |
| 560.000 | 1.949 | 1.104 | 2.345 | 0.311 | -0.025 | 0.000 |
| 562.000 | 1.955 | 1.104 | 2.345 | 0.311 | -0.025 | 0.000 |
| 564.000 | 1.962 | 1.113 | 2.345 | 0.311 | -0.018 | 0.000 |
| 566.000 | 1.962 | 1.113 | 2.345 | 0.311 | -0.018 | 0.000 |
| 568.000 | 1.955 | 1.113 | 2.345 | 0.305 | -0.018 | 0.000 |
| 570.000 | 1.955 | 1.113 | 2.345 | 0.305 | -0.025 | 0.000 |
| 572.000 | 1.962 | 1.113 | 2.345 | 0.305 | -0.018 | 0.000 |
| 574.000 | 1.962 | 1.113 | 2.345 | 0.305 | -0.018 | 0.000 |
| 576.000 | 1.955 | 1.113 | 2.354 | 0.305 | -0.018 | 0.000 |
| 578.000 | 1.962 | 1.123 | 2.354 | 0.305 | -0.018 | 0.000 |
| 580.000 | 1.968 | 1.123 | 2.354 | 0.305 | -0.018 | 0.000 |
| 582.000 | 1.968 | 1.123 | 2.354 | 0.305 | -0.012 | 0.000 |
| 584.000 | 1.981 | 1.123 | 2.354 | 0.305 | -0.018 | 0.009 |
| 586.000 | 1.981 | 1.123 | 2.354 | 0.305 | -0.012 | 0.009 |
| 588.000 | 1.987 | 1.123 | 2.364 | 0.305 | -0.012 | 0.009 |
| 590.000 | 1.987 | 1.123 | 2.364 | 0.305 | -0.012 | 0.019 |
| 592.000 | 1.987 | 1.123 | 2.364 | 0.305 | -0.012 | 0.019 |
| 594.000 | 1.987 | 1.132 | 2.364 | 0.305 | -0.012 | 0.009 |



CHM 003 1172

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 596.000 | 1.987 | 1.132 | 2.364 | 0.305 | -0.012 | 0.019 |
| 598.000 | 1.987 | 1.132 | 2.364 | 0.298 | -0.012 | 0.019 |
| 600.000 | 1.987 | 1.132 | 2.373 | 0.298 | -0.012 | 0.009 |
| 602.000 | 1.987 | 1.132 | 2.373 | 0.298 | -0.012 | 0.009 |
| 604.000 | 1.987 | 1.132 | 2.373 | 0.298 | -0.012 | 0.009 |
| 606.000 | 1.987 | 1.142 | 2.373 | 0.298 | -0.012 | 0.019 |
| 608.000 | 1.994 | 1.142 | 2.383 | 0.298 | -0.006 | 0.019 |
| 610.000 | 1.994 | 1.142 | 2.383 | 0.298 | -0.006 | 0.019 |
| 612.000 | 2.000 | 1.142 | 2.392 | 0.298 | -0.006 | 0.019 |
| 614.000 | 2.000 | 1.142 | 2.392 | 0.298 | -0.006 | 0.019 |
| 616.000 | 2.006 | 1.151 | 2.402 | 0.298 | -0.006 | 0.028 |
| 618.000 | 2.006 | 1.151 | 2.402 | 0.298 | -0.006 | 0.028 |
| 620.000 | 2.013 | 1.151 | 2.402 | 0.298 | -0.006 | 0.028 |
| 622.000 | 2.013 | 1.151 | 2.402 | 0.298 | -0.006 | 0.028 |
| 624.000 | 2.019 | 1.161 | 2.402 | 0.298 | 0.000 | 0.028 |
| 626.000 | 2.019 | 1.161 | 2.402 | 0.298 | -0.006 | 0.028 |
| 628.000 | 2.019 | 1.161 | 2.402 | 0.298 | 0.000 | 0.028 |
| 630.000 | 2.019 | 1.161 | 2.402 | 0.298 | 0.000 | 0.028 |
| 632.000 | 2.026 | 1.161 | 2.411 | 0.298 | 0.000 | 0.028 |
| 634.000 | 2.032 | 1.161 | 2.402 | 0.298 | 0.000 | 0.028 |
| 636.000 | 2.026 | 1.170 | 2.411 | 0.298 | 0.000 | 0.028 |
| 638.000 | 2.032 | 1.170 | 2.411 | 0.298 | 0.000 | 0.028 |
| 640.000 | 2.032 | 1.170 | 2.411 | 0.298 | 0.000 | 0.019 |
| 642.000 | 2.032 | 1.170 | 2.411 | 0.292 | 0.000 | 0.019 |
| 644.000 | 2.038 | 1.170 | 2.411 | 0.292 | 0.000 | 0.019 |
| 646.000 | 2.038 | 1.170 | 2.411 | 0.292 | 0.000 | 0.019 |
| 648.000 | 2.038 | 1.180 | 2.411 | 0.292 | 0.006 | 0.019 |
| 650.000 | 2.038 | 1.180 | 2.421 | 0.292 | 0.006 | 0.019 |
| 652.000 | 2.038 | 1.180 | 2.421 | 0.292 | 0.006 | 0.019 |
| 654.000 | 2.045 | 1.180 | 2.421 | 0.292 | 0.006 | 0.019 |
| 656.000 | 2.045 | 1.180 | 2.421 | 0.292 | 0.006 | 0.019 |
| 658.000 | 2.045 | 1.180 | 2.421 | 0.292 | 0.006 | 0.019 |
| 660.000 | 2.045 | 1.180 | 2.421 | 0.292 | 0.006 | 0.019 |
| 662.000 | 2.045 | 1.180 | 2.430 | 0.292 | 0.006 | 0.019 |
| 664.000 | 2.051 | 1.189 | 2.430 | 0.292 | 0.006 | 0.019 |
| 666.000 | 2.051 | 1.189 | 2.430 | 0.286 | 0.006 | 0.019 |
| 668.000 | 2.051 | 1.189 | 2.430 | 0.292 | 0.006 | 0.019 |
| 670.000 | 2.057 | 1.189 | 2.430 | 0.292 | 0.012 | 0.019 |
| 672.000 | 2.057 | 1.199 | 2.430 | 0.292 | 0.012 | 0.019 |
| 674.000 | 2.057 | 1.199 | 2.440 | 0.292 | 0.012 | 0.019 |
| 676.000 | 2.064 | 1.199 | 2.440 | 0.292 | 0.012 | 0.019 |
| 678.000 | 2.064 | 1.199 | 2.440 | 0.292 | 0.012 | 0.019 |
| 680.000 | 2.064 | 1.199 | 2.440 | 0.292 | 0.012 | 0.019 |
| 682.000 | 2.064 | 1.199 | 2.440 | 0.286 | 0.012 | 0.019 |
| 684.000 | 2.064 | 1.199 | 2.440 | 0.286 | 0.012 | 0.019 |
| 686.000 | 2.070 | 1.199 | 2.449 | 0.286 | 0.012 | 0.019 |
| 688.000 | 2.070 | 1.199 | 2.449 | 0.286 | 0.012 | 0.019 |
| 690.000 | 2.070 | 1.208 | 2.449 | 0.286 | 0.012 | 0.019 |
| 692.000 | 2.070 | 1.208 | 2.459 | 0.286 | 0.012 | 0.019 |
| 694.000 | 2.076 | 1.208 | 2.459 | 0.286 | 0.012 | 0.019 |
| 696.000 | 2.083 | 1.208 | 2.468 | 0.286 | 0.018 | 0.019 |
| 698.000 | 2.089 | 1.218 | 2.468 | 0.286 | 0.018 | 0.019 |
| 700.000 | 2.089 | 1.218 | 2.468 | 0.286 | 0.018 | 0.019 |
| 702.000 | 2.089 | 1.218 | 2.478 | 0.286 | 0.018 | 0.028 |



CHM 003 1173

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 704.000 | 2.089 | 1.218 | 2.478 | 0.279 | 0.018 | 0.028 |
| 706.000 | 2.089 | 1.218 | 2.478 | 0.279 | 0.018 | 0.019 |
| 708.000 | 2.096 | 1.227 | 2.478 | 0.279 | 0.018 | 0.028 |
| 710.000 | 2.102 | 1.227 | 2.478 | 0.279 | 0.018 | 0.028 |
| 712.000 | 2.102 | 1.227 | 2.487 | 0.279 | 0.018 | 0.028 |
| 714.000 | 2.102 | 1.227 | 2.487 | 0.279 | 0.018 | 0.028 |
| 716.000 | 2.108 | 1.237 | 2.487 | 0.279 | 0.018 | 0.028 |
| 718.000 | 2.108 | 1.237 | 2.487 | 0.279 | 0.018 | 0.028 |
| 720.000 | 2.108 | 1.237 | 2.497 | 0.279 | 0.018 | 0.028 |
| 722.000 | 2.115 | 1.237 | 2.497 | 0.279 | 0.025 | 0.028 |
| 724.000 | 2.115 | 1.237 | 2.497 | 0.279 | 0.025 | 0.028 |
| 726.000 | 2.115 | 1.246 | 2.497 | 0.279 | 0.025 | 0.028 |
| 728.000 | 2.121 | 1.246 | 2.506 | 0.584 | 0.025 | 0.038 |
| 730.000 | 2.121 | 1.246 | 2.506 | 0.591 | 0.025 | 0.038 |
| 732.000 | 2.127 | 1.246 | 2.506 | 0.597 | 0.025 | 0.038 |
| 734.000 | 2.127 | 1.256 | 2.506 | 0.597 | 0.025 | 0.038 |
| 736.000 | 2.127 | 1.256 | 2.506 | 0.597 | 0.025 | 0.038 |
| 738.000 | 2.134 | 1.256 | 2.516 | 0.604 | 0.025 | 0.038 |
| 740.000 | 2.140 | 1.256 | 2.516 | 0.604 | 0.025 | 0.038 |
| 742.000 | 2.134 | 1.256 | 2.516 | 0.610 | 0.025 | 0.028 |
| 744.000 | 2.140 | 1.256 | 2.516 | 0.610 | 0.025 | 0.038 |
| 746.000 | 2.140 | 1.265 | 2.516 | 0.610 | 0.025 | 0.028 |
| 748.000 | 2.147 | 1.265 | 2.516 | 0.610 | 0.025 | 0.028 |
| 750.000 | 2.147 | 1.265 | 2.525 | 0.610 | 0.025 | 0.038 |
| 752.000 | 2.147 | 1.265 | 2.525 | 0.616 | 0.025 | 0.028 |
| 754.000 | 2.153 | 1.265 | 2.525 | 0.616 | 0.025 | 0.028 |
| 756.000 | 2.153 | 1.275 | 2.525 | 0.616 | 0.025 | 0.028 |
| 758.000 | 2.153 | 1.275 | 2.525 | 0.623 | 0.025 | 0.028 |
| 760.000 | 2.153 | 1.275 | 2.535 | 0.623 | 0.031 | 0.028 |
| 762.000 | 2.153 | 1.275 | 2.535 | 0.623 | 0.031 | 0.028 |
| 764.000 | 2.159 | 1.275 | 2.535 | 0.623 | 0.031 | 0.028 |
| 766.000 | 2.159 | 1.284 | 2.535 | 0.623 | 0.031 | 0.028 |
| 768.000 | 2.166 | 1.284 | 2.535 | 0.629 | 0.031 | 0.028 |
| 770.000 | 2.166 | 1.284 | 2.535 | 0.629 | 0.031 | 0.028 |
| 772.000 | 2.166 | 1.284 | 2.544 | 0.629 | 0.031 | 0.028 |
| 774.000 | 2.166 | 1.284 | 2.544 | 0.629 | 0.031 | 0.028 |
| 776.000 | 2.166 | 1.284 | 2.544 | 0.629 | 0.031 | 0.028 |
| 778.000 | 2.166 | 1.284 | 2.544 | 0.635 | 0.031 | 0.028 |
| 780.000 | 2.172 | 1.294 | 2.544 | 0.635 | 0.031 | 0.028 |
| 782.000 | 2.172 | 1.294 | 2.544 | 0.635 | 0.031 | 0.028 |
| 784.000 | 2.172 | 1.294 | 2.554 | 0.642 | 0.031 | 0.028 |
| 786.000 | 2.178 | 1.294 | 2.554 | 0.642 | 0.031 | 0.028 |
| 788.000 | 2.185 | 1.294 | 2.554 | 0.642 | 0.031 | 0.028 |
| 790.000 | 2.185 | 1.294 | 2.554 | 0.642 | 0.031 | 0.028 |
| 792.000 | 2.185 | 1.304 | 2.554 | 0.642 | 0.031 | 0.028 |
| 794.000 | 2.185 | 1.304 | 2.563 | 0.648 | 0.031 | 0.028 |
| 796.000 | 2.185 | 1.304 | 2.563 | 0.648 | 0.031 | 0.028 |
| 798.000 | 2.191 | 1.304 | 2.563 | 0.648 | 0.031 | 0.028 |
| 800.000 | 2.191 | 1.304 | 2.563 | 0.654 | 0.031 | 0.028 |
| 802.000 | 2.191 | 1.304 | 2.563 | 0.654 | 0.037 | 0.028 |
| 804.000 | 2.197 | 1.313 | 2.563 | 0.654 | 0.031 | 0.028 |
| 806.000 | 2.191 | 1.304 | 2.563 | 0.654 | 0.031 | 0.028 |
| 808.000 | 2.197 | 1.313 | 2.563 | 0.654 | 0.031 | 0.028 |
| 810.000 | 2.197 | 1.313 | 2.563 | 0.654 | 0.031 | 0.028 |



CHM 003 1174

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 812.000 | 2.197 | 1.313 | 2.573 | 0.661 | 0.037 | 0.028 |
| 814.000 | 2.197 | 1.313 | 2.573 | 0.661 | 0.037 | 0.028 |
| 816.000 | 2.204 | 1.313 | 2.573 | 0.661 | 0.037 | 0.028 |
| 818.000 | 2.204 | 1.313 | 2.573 | 0.661 | 0.037 | 0.028 |
| 820.000 | 2.204 | 1.313 | 2.573 | 0.667 | 0.037 | 0.028 |
| 822.000 | 2.210 | 1.313 | 2.573 | 0.667 | 0.037 | 0.028 |
| 824.000 | 2.210 | 1.323 | 2.573 | 0.667 | 0.037 | 0.028 |
| 826.000 | 2.210 | 1.323 | 2.573 | 0.667 | 0.037 | 0.028 |
| 828.000 | 2.210 | 1.323 | 2.573 | 0.667 | 0.037 | 0.028 |
| 830.000 | 2.210 | 1.323 | 2.573 | 0.673 | 0.037 | 0.028 |
| 832.000 | 2.210 | 1.323 | 2.573 | 0.673 | 0.037 | 0.028 |
| 834.000 | 2.217 | 1.323 | 2.573 | 0.673 | 0.037 | 0.028 |
| 836.000 | 2.210 | 1.323 | 2.573 | 0.673 | 0.037 | 0.028 |
| 838.000 | 2.210 | 1.323 | 2.573 | 0.673 | 0.037 | 0.028 |
| 840.000 | 2.217 | 1.323 | 2.573 | 0.680 | 0.037 | 0.028 |
| 842.000 | 2.217 | 1.323 | 2.582 | 0.680 | 0.037 | 0.028 |
| 844.000 | 2.217 | 1.323 | 2.582 | 0.680 | 0.037 | 0.028 |
| 846.000 | 2.217 | 1.323 | 2.582 | 0.680 | 0.037 | 0.028 |
| 848.000 | 2.210 | 1.323 | 2.573 | 0.680 | 0.037 | 0.019 |
| 850.000 | 2.210 | 1.323 | 2.573 | 0.680 | 0.037 | 0.028 |
| 852.000 | 2.217 | 1.323 | 2.582 | 0.686 | 0.037 | 0.028 |
| 854.000 | 2.217 | 1.332 | 2.582 | 0.686 | 0.044 | 0.028 |
| 856.000 | 2.217 | 1.332 | 2.582 | 0.686 | 0.037 | 0.028 |
| 858.000 | 2.217 | 1.332 | 2.582 | 0.686 | 0.037 | 0.028 |
| 860.000 | 2.217 | 1.332 | 2.582 | 0.693 | 0.044 | 0.028 |
| 862.000 | 2.223 | 1.332 | 2.582 | 0.693 | 0.044 | 0.028 |
| 864.000 | 2.223 | 1.332 | 2.582 | 0.693 | 0.044 | 0.028 |
| 866.000 | 2.223 | 1.332 | 2.592 | 0.693 | 0.044 | 0.028 |
| 868.000 | 2.223 | 1.332 | 2.582 | 0.693 | 0.044 | 0.028 |
| 870.000 | 2.217 | 1.332 | 2.582 | 0.699 | 0.044 | 0.028 |
| 872.000 | 2.223 | 1.332 | 2.592 | 0.699 | 0.044 | 0.028 |
| 874.000 | 2.223 | 1.332 | 2.592 | 0.699 | 0.044 | 0.028 |
| 876.000 | 2.223 | 1.332 | 2.592 | 0.699 | 0.044 | 0.028 |
| 878.000 | 2.223 | 1.342 | 2.592 | 0.699 | 0.044 | 0.028 |
| 880.000 | 2.223 | 1.342 | 2.592 | 0.705 | 0.044 | 0.028 |
| 882.000 | 2.223 | 1.342 | 2.592 | 0.705 | 0.044 | 0.028 |
| 884.000 | 2.223 | 1.342 | 2.592 | 0.705 | 0.044 | 0.028 |
| 886.000 | 2.223 | 1.342 | 2.592 | 0.705 | 0.044 | 0.028 |
| 888.000 | 2.229 | 1.342 | 2.592 | 0.705 | 0.044 | 0.028 |
| 890.000 | 2.229 | 1.342 | 2.592 | 0.705 | 0.044 | 0.028 |
| 892.000 | 2.229 | 1.342 | 2.592 | 0.712 | 0.050 | 0.028 |
| 894.000 | 2.229 | 1.342 | 2.592 | 0.712 | 0.050 | 0.028 |
| 896.000 | 2.229 | 1.342 | 2.592 | 0.712 | 0.050 | 0.028 |
| 898.000 | 2.229 | 1.342 | 2.601 | 0.712 | 0.050 | 0.028 |
| 900.000 | 2.229 | 1.342 | 2.592 | 0.712 | 0.050 | 0.028 |
| 902.000 | 2.229 | 1.342 | 2.601 | 0.712 | 0.050 | 0.028 |
| 904.000 | 2.229 | 1.342 | 2.601 | 0.712 | 0.050 | 0.028 |
| 906.000 | 2.229 | 1.342 | 2.601 | 0.718 | 0.050 | 0.028 |
| 908.000 | 2.236 | 1.342 | 2.601 | 0.718 | 0.050 | 0.028 |
| 910.000 | 2.236 | 1.342 | 2.601 | 0.718 | 0.050 | 0.028 |
| 912.000 | 2.236 | 1.351 | 2.601 | 0.718 | 0.050 | 0.028 |
| 914.000 | 2.236 | 1.351 | 2.601 | 0.718 | 0.050 | 0.028 |
| 916.000 | 2.236 | 1.351 | 2.601 | 0.718 | 0.050 | 0.028 |
| 918.000 | 2.229 | 1.351 | 2.601 | 0.718 | 0.050 | 0.028 |



CHM 003 1175

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 920.000 | 2.236 | 1.351 | 2.601 | 0.718 | 0.050 | 0.028 |
| 922.000 | 2.236 | 1.342 | 2.601 | 0.724 | 0.050 | 0.028 |
| 924.000 | 2.236 | 1.351 | 2.601 | 0.724 | 0.050 | 0.028 |
| 926.000 | 2.242 | 1.351 | 2.601 | 0.724 | 0.050 | 0.028 |
| 928.000 | 2.242 | 1.351 | 2.611 | 0.724 | 0.050 | 0.028 |
| 930.000 | 2.242 | 1.351 | 2.601 | 0.724 | 0.056 | 0.028 |
| 932.000 | 2.242 | 1.351 | 2.611 | 0.724 | 0.056 | 0.028 |
| 934.000 | 2.242 | 1.351 | 2.611 | 0.724 | 0.050 | 0.028 |
| 936.000 | 2.242 | 1.351 | 2.611 | 0.724 | 0.056 | 0.028 |
| 938.000 | 2.242 | 1.351 | 2.611 | 0.731 | 0.050 | 0.028 |
| 940.000 | 2.242 | 1.351 | 2.611 | 0.731 | 0.056 | 0.028 |
| 942.000 | 2.242 | 1.351 | 2.611 | 0.731 | 0.056 | 0.028 |
| 944.000 | 2.242 | 1.351 | 2.611 | 0.731 | 0.050 | 0.028 |
| 946.000 | 2.242 | 1.351 | 2.611 | 0.731 | 0.056 | 0.028 |
| 948.000 | 2.242 | 1.351 | 2.611 | 0.737 | 0.056 | 0.028 |
| 950.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 952.000 | 2.248 | 1.361 | 2.611 | 0.731 | 0.056 | 0.028 |
| 954.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 956.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 958.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 960.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 962.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 964.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 966.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.019 |
| 968.000 | 2.248 | 1.361 | 2.611 | 0.737 | 0.056 | 0.028 |
| 970.000 | 2.255 | 1.361 | 2.620 | 0.737 | 0.056 | 0.028 |
| 972.000 | 2.255 | 1.361 | 2.620 | 0.743 | 0.056 | 0.028 |
| 974.000 | 2.248 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 976.000 | 2.248 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 978.000 | 2.248 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 980.000 | 2.248 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 982.000 | 2.255 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 984.000 | 2.255 | 1.361 | 2.620 | 0.743 | 0.056 | 0.028 |
| 986.000 | 2.255 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 988.000 | 2.261 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 990.000 | 2.255 | 1.361 | 2.620 | 0.743 | 0.056 | 0.019 |
| 992.000 | 2.255 | 1.361 | 2.620 | 0.750 | 0.056 | 0.019 |
| 994.000 | 2.255 | 1.361 | 2.620 | 0.750 | 0.056 | 0.019 |
| 996.000 | 2.255 | 1.361 | 2.620 | 0.750 | 0.056 | 0.019 |
| 998.000 | 2.255 | 1.361 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1000.00 | 2.255 | 1.370 | 2.620 | 0.750 | 0.056 | 0.019 |
| 1002.00 | 2.261 | 1.370 | 2.620 | 0.750 | 0.056 | 0.019 |
| 1004.00 | 2.261 | 1.370 | 2.620 | 0.750 | 0.056 | 0.019 |
| 1006.00 | 2.261 | 1.370 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1008.00 | 2.261 | 1.361 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1010.00 | 2.261 | 1.370 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1012.00 | 2.261 | 1.370 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1014.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.063 | 0.019 |
| 1016.00 | 2.261 | 1.361 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1018.00 | 2.261 | 1.361 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1020.00 | 2.261 | 1.370 | 2.620 | 0.750 | 0.063 | 0.019 |
| 1022.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.063 | 0.019 |
| 1024.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.056 | 0.019 |
| 1026.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.063 | 0.019 |



CHM 003 1176

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1028.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.063 | 0.019 |
| 1030.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.063 | 0.019 |
| 1032.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.056 | 0.019 |
| 1034.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1036.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1038.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1040.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1042.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1044.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1046.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1048.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1050.00 | 2.261 | 1.370 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1052.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1054.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1056.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.063 | 0.009 |
| 1058.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1060.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1062.00 | 2.261 | 1.361 | 2.620 | 0.762 | 0.056 | 0.009 |
| 1064.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1066.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1068.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1070.00 | 2.255 | 1.361 | 2.620 | 0.756 | 0.056 | 0.000 |
| 1072.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.009 |
| 1074.00 | 2.261 | 1.361 | 2.620 | 0.762 | 0.056 | 0.000 |
| 1076.00 | 2.261 | 1.361 | 2.620 | 0.762 | 0.056 | 0.009 |
| 1078.00 | 2.268 | 1.361 | 2.620 | 0.762 | 0.056 | 0.009 |
| 1080.00 | 2.261 | 1.361 | 2.620 | 0.762 | 0.056 | 0.000 |
| 1082.00 | 2.261 | 1.361 | 2.620 | 0.756 | 0.056 | 0.000 |
| 1084.00 | 2.261 | 1.361 | 2.620 | 0.762 | 0.056 | 0.000 |
| 1086.00 | 2.261 | 1.361 | 2.611 | 0.762 | 0.056 | 0.000 |
| 1088.00 | 2.261 | 1.361 | 2.611 | 0.756 | 0.056 | 0.000 |
| 1090.00 | 2.261 | 1.361 | 2.620 | 0.762 | 0.056 | 0.000 |
| 1092.00 | 2.261 | 1.361 | 2.611 | 0.756 | 0.056 | 0.000 |
| 1094.00 | 2.261 | 1.361 | 2.611 | 0.762 | 0.056 | 0.000 |
| 1096.00 | 2.261 | 1.361 | 2.620 | 0.762 | 0.056 | 0.000 |
| 1098.00 | 2.261 | 1.361 | 2.611 | 0.762 | 0.056 | 0.000 |
| 1100.00 | 2.261 | 1.361 | 2.611 | 0.762 | 0.056 | 0.000 |
| 1102.00 | 2.261 | 1.361 | 2.611 | 0.756 | 0.056 | 0.000 |
| 1104.00 | 2.261 | 1.361 | 2.611 | 0.762 | 0.056 | 0.000 |
| 1106.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.056 | 0.000 |
| 1108.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.056 | -0.009 |
| 1110.00 | 2.255 | 1.361 | 2.611 | 0.762 | 0.056 | -0.009 |
| 1112.00 | 2.255 | 1.361 | 2.611 | 0.762 | 0.056 | -0.009 |
| 1114.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.050 | -0.009 |
| 1116.00 | 2.261 | 1.361 | 2.611 | 0.756 | 0.050 | -0.009 |
| 1118.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.056 | -0.009 |
| 1120.00 | 2.261 | 1.361 | 2.611 | 0.756 | 0.050 | -0.009 |
| 1122.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.050 | -0.009 |
| 1124.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.050 | -0.009 |
| 1126.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.050 | -0.009 |
| 1128.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.009 |
| 1130.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1132.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1134.00 | 2.255 | 1.361 | 2.611 | 0.756 | 0.050 | -0.019 |



CHM 003 1177

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1136.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1138.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1140.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1142.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1144.00 | 2.255 | 1.351 | 2.601 | 0.756 | 0.050 | -0.019 |
| 1146.00 | 2.255 | 1.351 | 2.601 | 0.756 | 0.050 | -0.019 |
| 1148.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1150.00 | 2.248 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1152.00 | 2.255 | 1.351 | 2.611 | 0.756 | 0.050 | -0.019 |
| 1154.00 | 2.255 | 1.351 | 2.601 | 0.756 | 0.050 | -0.019 |
| 1156.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.019 |
| 1158.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.019 |
| 1160.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1162.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1164.00 | 2.255 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1166.00 | 2.248 | 1.342 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1168.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1170.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1172.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1174.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1176.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1178.00 | 2.248 | 1.351 | 2.601 | 0.756 | 0.037 | -0.028 |
| 1180.00 | 2.248 | 1.342 | 2.601 | 0.756 | 0.037 | -0.028 |
| 1182.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.044 | -0.028 |
| 1184.00 | 2.248 | 1.342 | 2.601 | 0.756 | 0.044 | -0.028 |
| 1186.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1188.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1190.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1192.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1194.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1196.00 | 2.236 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1198.00 | 2.236 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1200.00 | 2.236 | 1.342 | 2.601 | 0.750 | 0.037 | -0.047 |
| 1202.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1204.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1206.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1208.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1210.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1212.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.037 | -0.038 |
| 1214.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.031 | -0.038 |
| 1216.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.031 | -0.038 |
| 1218.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1220.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1222.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1224.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.031 | -0.038 |
| 1226.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1228.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1230.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.031 | -0.038 |
| 1232.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1234.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1236.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |
| 1238.00 | 2.242 | 1.342 | 2.601 | 0.743 | 0.031 | -0.047 |
| 1240.00 | 2.236 | 1.342 | 2.601 | 0.743 | 0.031 | -0.047 |
| 1242.00 | 2.236 | 1.342 | 2.601 | 0.750 | 0.031 | -0.047 |



CHM 003 1178

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1244.00 | 2.242 | 1.342 | 2.601 | 0.743 | 0.031 | -0.047 |
| 1246.00 | 2.242 | 1.342 | 2.601 | 0.743 | 0.025 | -0.047 |
| 1248.00 | 2.242 | 1.342 | 2.601 | 0.750 | 0.025 | -0.047 |
| 1250.00 | 2.242 | 1.342 | 2.601 | 0.743 | 0.025 | -0.047 |
| 1252.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.025 | -0.038 |
| 1254.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.025 | -0.047 |
| 1256.00 | 2.248 | 1.342 | 2.601 | 0.750 | 0.025 | -0.038 |
| 1258.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.038 |
| 1260.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.038 |
| 1262.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.047 |
| 1264.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.047 |
| 1266.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.047 |
| 1268.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.047 |
| 1270.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.047 |
| 1272.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.038 |
| 1274.00 | 2.248 | 1.342 | 2.592 | 0.743 | 0.025 | -0.047 |
| 1276.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.025 | -0.047 |
| 1278.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.025 | -0.047 |
| 1280.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.018 | -0.047 |
| 1282.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1284.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1286.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1288.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1290.00 | 2.248 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1292.00 | 2.248 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1294.00 | 2.248 | 1.342 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1296.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1298.00 | 2.248 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1300.00 | 2.248 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1302.00 | 2.248 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1304.00 | 2.248 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1306.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1308.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1310.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1312.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1314.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1316.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.038 |
| 1318.00 | 2.248 | 1.351 | 2.601 | 0.743 | 0.018 | -0.028 |
| 1320.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.028 |
| 1322.00 | 2.255 | 1.351 | 2.601 | 0.750 | 0.018 | -0.028 |
| 1324.00 | 2.255 | 1.351 | 2.601 | 0.750 | 0.018 | -0.028 |
| 1326.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.018 | -0.028 |
| 1328.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.012 | -0.028 |
| 1330.00 | 2.255 | 1.351 | 2.601 | 0.743 | 0.012 | -0.028 |
| 1332.00 | 2.261 | 1.351 | 2.601 | 0.743 | 0.012 | -0.028 |
| 1334.00 | 2.255 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1336.00 | 2.261 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1338.00 | 2.255 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1340.00 | 2.261 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1342.00 | 2.261 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1344.00 | 2.261 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1346.00 | 2.261 | 1.361 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1348.00 | 2.261 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1350.00 | 2.261 | 1.361 | 2.611 | 0.743 | 0.012 | -0.028 |



CHM 003 1179

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1352.00 | 2.261 | 1.351 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1354.00 | 2.261 | 1.361 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1356.00 | 2.261 | 1.361 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1358.00 | 2.261 | 1.361 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1360.00 | 2.261 | 1.361 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1362.00 | 2.268 | 1.361 | 2.611 | 0.750 | 0.012 | -0.028 |
| 1364.00 | 2.268 | 1.361 | 2.611 | 0.750 | 0.012 | -0.019 |
| 1366.00 | 2.268 | 1.361 | 2.611 | 0.750 | 0.012 | -0.019 |
| 1368.00 | 2.268 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1370.00 | 2.268 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1372.00 | 2.268 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1374.00 | 2.268 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1376.00 | 2.268 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1378.00 | 2.268 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1380.00 | 2.268 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1382.00 | 2.274 | 1.361 | 2.620 | 0.750 | 0.012 | -0.019 |
| 1384.00 | 2.274 | 1.370 | 2.620 | 0.756 | 0.012 | -0.019 |
| 1386.00 | 2.274 | 1.370 | 2.620 | 0.756 | 0.012 | -0.019 |
| 1388.00 | 2.274 | 1.370 | 2.620 | 0.756 | 0.012 | -0.019 |
| 1390.00 | 2.274 | 1.370 | 2.630 | 0.756 | 0.012 | -0.019 |
| 1392.00 | 2.274 | 1.370 | 2.620 | 0.756 | 0.012 | -0.019 |
| 1394.00 | 2.280 | 1.370 | 2.630 | 0.756 | 0.012 | -0.019 |
| 1396.00 | 2.274 | 1.370 | 2.620 | 0.756 | 0.012 | -0.019 |
| 1398.00 | 2.280 | 1.370 | 2.620 | 0.756 | 0.012 | -0.019 |
| 1400.00 | 2.280 | 1.370 | 2.630 | 0.756 | 0.012 | -0.019 |
| 1402.00 | 2.280 | 1.370 | 2.630 | 0.756 | 0.012 | -0.019 |
| 1404.00 | 2.280 | 1.370 | 2.630 | 0.756 | 0.012 | -0.019 |
| 1406.00 | 2.280 | 1.370 | 2.630 | 0.756 | 0.012 | -0.019 |
| 1408.00 | 2.280 | 1.380 | 2.630 | 0.756 | 0.012 | -0.019 |
| 1410.00 | 2.280 | 1.380 | 2.630 | 0.762 | 0.012 | -0.019 |
| 1412.00 | 2.280 | 1.380 | 2.630 | 0.762 | 0.012 | -0.019 |
| 1414.00 | 2.287 | 1.380 | 2.630 | 0.762 | 0.012 | -0.019 |
| 1416.00 | 2.287 | 1.380 | 2.630 | 0.762 | 0.012 | -0.019 |
| 1418.00 | 2.287 | 1.380 | 2.630 | 0.762 | 0.012 | -0.019 |
| 1420.00 | 2.287 | 1.380 | 2.630 | 0.762 | 0.012 | -0.019 |
| 1422.00 | 2.287 | 1.380 | 2.639 | 0.762 | 0.012 | -0.019 |
| 1424.00 | 2.287 | 1.380 | 2.639 | 0.762 | 0.012 | -0.019 |
| 1426.00 | 2.287 | 1.380 | 2.639 | 0.762 | 0.012 | -0.019 |
| 1428.00 | 2.287 | 1.389 | 2.639 | 0.762 | 0.012 | -0.019 |
| 1430.00 | 2.287 | 1.389 | 2.639 | 0.762 | 0.012 | -0.019 |
| 1432.00 | 2.293 | 1.389 | 2.639 | 0.769 | 0.012 | -0.019 |
| 1434.00 | 2.293 | 1.389 | 2.639 | 0.769 | 0.012 | -0.019 |
| 1436.00 | 2.293 | 1.389 | 2.639 | 0.769 | 0.012 | -0.019 |
| 1438.00 | 2.287 | 1.389 | 2.639 | 0.769 | 0.012 | -0.019 |
| 1440.00 | 2.293 | 1.389 | 2.639 | 0.769 | 0.012 | -0.019 |
| 1442.00 | 2.293 | 1.389 | 2.639 | 0.769 | 0.012 | -0.028 |
| 1444.00 | 2.293 | 1.389 | 2.649 | 0.769 | 0.012 | -0.019 |
| 1446.00 | 2.299 | 1.389 | 2.649 | 0.775 | 0.012 | -0.019 |
| 1448.00 | 2.299 | 1.389 | 2.649 | 0.775 | 0.012 | -0.019 |
| 1450.00 | 2.299 | 1.399 | 2.649 | 0.769 | 0.012 | -0.019 |
| 1452.00 | 2.299 | 1.399 | 2.649 | 0.775 | 0.012 | -0.019 |
| 1454.00 | 2.293 | 1.399 | 2.649 | 0.775 | 0.012 | -0.019 |
| 1456.00 | 2.299 | 1.399 | 2.649 | 0.775 | 0.012 | -0.019 |
| 1458.00 | 2.299 | 1.399 | 2.649 | 0.775 | 0.012 | -0.019 |



CHM 003 1180

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1460.00 | 2.299 | 1.399 | 2.649 | 0.775 | 0.012 | -0.019 |
| 1462.00 | 2.299 | 1.399 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1464.00 | 2.299 | 1.399 | 2.649 | 0.782 | 0.012 | -0.019 |
| 1466.00 | 2.306 | 1.408 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1468.00 | 2.306 | 1.408 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1470.00 | 2.306 | 1.408 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1472.00 | 2.312 | 1.408 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1474.00 | 2.312 | 1.408 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1476.00 | 2.306 | 1.408 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1478.00 | 2.312 | 1.408 | 2.658 | 0.782 | 0.012 | -0.019 |
| 1480.00 | 2.312 | 1.408 | 2.658 | 0.788 | 0.012 | -0.019 |
| 1482.00 | 2.312 | 1.408 | 2.658 | 0.788 | 0.012 | -0.019 |
| 1484.00 | 2.312 | 1.418 | 2.668 | 0.788 | 0.012 | -0.019 |
| 1486.00 | 2.312 | 1.418 | 2.658 | 0.788 | 0.012 | -0.019 |
| 1488.00 | 2.312 | 1.408 | 2.658 | 0.788 | 0.012 | -0.019 |
| 1490.00 | 2.312 | 1.418 | 2.668 | 0.788 | 0.012 | -0.019 |
| 1492.00 | 2.318 | 1.418 | 2.668 | 0.794 | 0.012 | -0.019 |
| 1494.00 | 2.318 | 1.418 | 2.668 | 0.794 | 0.012 | -0.019 |
| 1496.00 | 2.318 | 1.418 | 2.668 | 0.794 | 0.012 | -0.019 |
| 1498.00 | 2.318 | 1.418 | 2.668 | 0.794 | 0.012 | -0.019 |
| 1500.00 | 2.318 | 1.418 | 2.668 | 0.794 | 0.012 | -0.019 |
| 1502.00 | 2.318 | 1.418 | 2.668 | 0.794 | 0.012 | -0.019 |
| 1504.00 | 2.325 | 1.418 | 2.668 | 0.801 | 0.012 | -0.019 |
| 1506.00 | 2.318 | 1.427 | 2.668 | 0.801 | 0.012 | -0.019 |
| 1508.00 | 2.325 | 1.427 | 2.668 | 0.801 | 0.012 | -0.019 |
| 1510.00 | 2.325 | 1.427 | 2.668 | 0.801 | 0.012 | -0.019 |
| 1512.00 | 2.318 | 1.427 | 2.668 | 0.801 | 0.012 | -0.019 |
| 1514.00 | 2.312 | 1.427 | 2.668 | 0.801 | 0.012 | -0.019 |
| 1516.00 | 2.318 | 1.427 | 2.677 | 0.801 | 0.012 | -0.019 |
| 1518.00 | 2.325 | 1.427 | 2.677 | 0.801 | 0.012 | -0.019 |
| 1520.00 | 2.325 | 1.427 | 2.677 | 0.807 | 0.012 | -0.019 |
| 1522.00 | 2.325 | 1.427 | 2.677 | 0.807 | 0.012 | -0.009 |
| 1524.00 | 2.331 | 1.427 | 2.677 | 0.807 | 0.012 | -0.009 |
| 1526.00 | 2.338 | 1.427 | 2.677 | 0.807 | 0.012 | -0.009 |
| 1528.00 | 2.331 | 1.427 | 2.677 | 0.807 | 0.012 | -0.009 |
| 1530.00 | 2.331 | 1.427 | 2.677 | 0.813 | 0.012 | -0.009 |
| 1532.00 | 2.338 | 1.437 | 2.677 | 0.813 | 0.012 | -0.009 |
| 1534.00 | 2.344 | 1.437 | 2.677 | 0.813 | 0.012 | -0.009 |
| 1536.00 | 2.338 | 1.437 | 2.677 | 0.813 | 0.012 | -0.009 |
| 1538.00 | 2.331 | 1.437 | 2.677 | 0.813 | 0.012 | -0.019 |
| 1540.00 | 2.338 | 1.437 | 2.677 | 0.813 | 0.012 | -0.019 |
| 1542.00 | 2.331 | 1.437 | 2.677 | 0.813 | 0.012 | -0.009 |
| 1544.00 | 2.338 | 1.437 | 2.677 | 0.813 | 0.012 | -0.009 |
| 1546.00 | 2.338 | 1.437 | 2.677 | 0.813 | 0.012 | -0.009 |
| 1548.00 | 2.344 | 1.437 | 2.687 | 0.820 | 0.012 | -0.009 |
| 1550.00 | 2.338 | 1.437 | 2.687 | 0.820 | 0.012 | -0.019 |
| 1552.00 | 2.338 | 1.446 | 2.687 | 0.820 | 0.012 | -0.009 |
| 1554.00 | 2.338 | 1.437 | 2.687 | 0.820 | 0.012 | -0.019 |
| 1556.00 | 2.357 | 1.446 | 2.687 | 0.820 | 0.012 | 0.009 |
| 1558.00 | 2.344 | 1.446 | 2.687 | 0.826 | 0.012 | -0.009 |
| 1560.00 | 2.338 | 1.446 | 2.687 | 0.820 | 0.012 | -0.019 |
| 1562.00 | 2.338 | 1.446 | 2.687 | 0.820 | 0.012 | -0.009 |
| 1564.00 | 2.350 | 1.446 | 2.687 | 0.820 | 0.012 | 0.000 |
| 1566.00 | 2.344 | 1.446 | 2.687 | 0.820 | 0.012 | -0.009 |



CHM 003 1181

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1568.00 | 2.338 | 1.446 | 2.487 | 0.826 | 0.012 | -0.009 |
| 1570.00 | 2.325 | 1.446 | 2.250 | 0.820 | 0.012 | -0.009 |
| 1572.00 | 2.357 | 1.446 | 2.089 | 0.845 | 0.012 | 0.047 |
| 1574.00 | 2.306 | 1.437 | 1.965 | 0.826 | 0.012 | 0.009 |
| 1576.00 | 2.197 | 1.427 | 1.870 | 0.807 | 0.012 | -0.057 |
| 1578.00 | 2.172 | 1.418 | 1.794 | 0.820 | 0.012 | -0.038 |
| 1580.00 | 2.153 | 1.408 | 1.728 | 0.826 | 0.012 | -0.028 |
| 1582.00 | 2.134 | 1.399 | 1.671 | 0.832 | 0.012 | -0.009 |
| 1584.00 | 2.115 | 1.389 | 1.623 | 0.832 | 0.012 | 0.000 |
| 1586.00 | 2.064 | 1.370 | 1.585 | 0.832 | 0.012 | -0.009 |
| 1588.00 | 2.019 | 1.361 | 1.547 | 0.832 | 0.012 | -0.009 |
| 1590.00 | 1.994 | 1.351 | 1.509 | 0.839 | 0.018 | 0.000 |
| 1592.00 | 1.949 | 1.332 | 1.481 | 0.832 | 0.012 | -0.009 |
| 1594.00 | 1.911 | 1.313 | 1.452 | 0.839 | 0.012 | -0.009 |
| 1596.00 | 1.898 | 1.304 | 1.424 | 0.851 | 0.012 | 0.019 |
| 1598.00 | 1.885 | 1.284 | 1.395 | 0.832 | 0.012 | 0.028 |
| 1600.00 | 1.841 | 1.275 | 1.376 | 0.826 | 0.012 | 0.000 |
| 1602.00 | 1.809 | 1.265 | 1.357 | 0.851 | 0.012 | 0.019 |
| 1604.00 | 1.656 | 1.237 | 1.329 | 0.813 | 0.012 | -0.076 |
| 1606.00 | 1.662 | 1.227 | 1.310 | 0.839 | 0.012 | -0.038 |
| 1608.00 | 1.675 | 1.208 | 1.291 | 0.820 | 0.006 | -0.019 |
| 1610.00 | 1.637 | 1.199 | 1.272 | 0.826 | 0.006 | -0.019 |
| 1612.00 | 1.548 | 1.180 | 1.253 | 0.813 | 0.006 | -0.057 |
| 1614.00 | 1.535 | 1.170 | 1.243 | 0.826 | 0.012 | -0.057 |
| 1616.00 | 1.548 | 1.161 | 1.234 | 0.832 | 0.006 | -0.019 |
| 1618.00 | 1.611 | 1.142 | 1.215 | 0.832 | 0.006 | 0.047 |
| 1620.00 | 1.471 | 1.132 | 1.196 | 0.826 | 0.006 | -0.047 |
| 1622.00 | 1.465 | 1.123 | 1.186 | 0.826 | 0.006 | -0.028 |
| 1624.00 | 1.427 | 1.104 | 1.167 | 0.820 | 0.006 | -0.047 |
| 1626.00 | 1.401 | 1.094 | 1.158 | 0.820 | 0.006 | -0.047 |
| 1628.00 | 1.420 | 1.085 | 1.148 | 0.832 | 0.006 | -0.009 |
| 1630.00 | 1.369 | 1.075 | 1.129 | 0.820 | 0.006 | -0.047 |
| 1632.00 | 1.344 | 1.066 | 1.120 | 0.820 | 0.006 | -0.047 |
| 1634.00 | 1.338 | 1.056 | 1.110 | 0.820 | 0.000 | -0.028 |
| 1636.00 | 1.331 | 1.037 | 1.101 | 0.820 | 0.000 | -0.038 |
| 1638.00 | 1.325 | 1.028 | 1.091 | 0.813 | 0.000 | -0.019 |
| 1640.00 | 1.274 | 1.018 | 1.082 | 0.820 | 0.000 | -0.038 |
| 1642.00 | 1.248 | 1.008 | 1.063 | 0.807 | 0.000 | -0.057 |
| 1644.00 | 1.287 | 0.999 | 1.054 | 0.820 | 0.000 | -0.019 |
| 1646.00 | 1.210 | 0.989 | 1.044 | 0.813 | 0.000 | -0.066 |
| 1648.00 | 1.299 | 0.980 | 1.025 | 0.839 | 0.000 | 0.019 |
| 1650.00 | 1.248 | 0.970 | 1.006 | 0.826 | 0.000 | -0.019 |
| 1652.00 | 1.172 | 0.961 | 0.987 | 0.801 | -0.006 | -0.066 |
| 1654.00 | 1.140 | 0.951 | 0.978 | 0.794 | -0.006 | -0.076 |
| 1656.00 | 1.102 | 0.942 | 0.968 | 0.788 | -0.006 | -0.085 |
| 1658.00 | 1.115 | 0.932 | 0.959 | 0.801 | -0.006 | -0.076 |
| 1660.00 | 1.115 | 0.923 | 0.949 | 0.801 | -0.006 | -0.057 |
| 1662.00 | 1.115 | 0.913 | 0.940 | 0.794 | -0.006 | -0.066 |
| 1664.00 | 1.083 | 0.904 | 0.930 | 0.788 | -0.006 | -0.066 |
| 1666.00 | 1.089 | 0.904 | 0.930 | 0.788 | -0.006 | -0.047 |
| 1668.00 | 1.083 | 0.894 | 0.921 | 0.801 | -0.012 | -0.047 |
| 1670.00 | 1.064 | 0.885 | 0.902 | 0.775 | -0.012 | -0.057 |
| 1672.00 | 1.051 | 0.875 | 0.902 | 0.788 | -0.012 | -0.047 |
| 1674.00 | 1.006 | 0.866 | 0.892 | 0.769 | -0.012 | -0.085 |



CHM 003 1182

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1676.00 | 1.000 | 0.856 | 0.892 | 0.775 | -0.012 | -0.076 |
| 1678.00 | 1.013 | 0.856 | 0.883 | 0.782 | -0.012 | -0.057 |
| 1680.00 | 0.994 | 0.847 | 0.873 | 0.775 | -0.012 | -0.066 |
| 1682.00 | 0.981 | 0.837 | 0.864 | 0.769 | -0.012 | -0.076 |
| 1684.00 | 0.968 | 0.828 | 0.854 | 0.769 | -0.018 | -0.066 |
| 1686.00 | 0.955 | 0.828 | 0.845 | 0.769 | -0.018 | -0.076 |
| 1688.00 | 0.949 | 0.818 | 0.845 | 0.762 | -0.018 | -0.066 |
| 1690.00 | 0.943 | 0.809 | 0.835 | 0.769 | -0.018 | -0.057 |
| 1692.00 | 0.943 | 0.809 | 0.826 | 0.762 | -0.018 | -0.057 |
| 1694.00 | 0.911 | 0.799 | 0.826 | 0.756 | -0.018 | -0.085 |
| 1696.00 | 0.904 | 0.790 | 0.816 | 0.756 | -0.018 | -0.066 |
| 1698.00 | 0.892 | 0.780 | 0.807 | 0.756 | -0.018 | -0.076 |
| 1700.00 | 0.904 | 0.780 | 0.807 | 0.750 | -0.018 | -0.066 |
| 1702.00 | 0.879 | 0.771 | 0.797 | 0.743 | -0.025 | -0.076 |
| 1704.00 | 0.853 | 0.761 | 0.797 | 0.737 | -0.025 | -0.095 |
| 1706.00 | 0.847 | 0.761 | 0.788 | 0.737 | -0.025 | -0.076 |
| 1708.00 | 0.834 | 0.751 | 0.788 | 0.737 | -0.025 | -0.076 |
| 1710.00 | 0.834 | 0.751 | 0.778 | 0.731 | -0.025 | -0.066 |
| 1712.00 | 0.834 | 0.742 | 0.778 | 0.737 | -0.025 | -0.066 |
| 1714.00 | 0.847 | 0.742 | 0.769 | 0.731 | -0.025 | -0.047 |
| 1716.00 | 0.828 | 0.732 | 0.769 | 0.731 | -0.025 | -0.057 |
| 1718.00 | 0.821 | 0.723 | 0.759 | 0.731 | -0.025 | -0.047 |
| 1720.00 | 0.821 | 0.723 | 0.759 | 0.724 | -0.025 | -0.057 |
| 1722.00 | 0.809 | 0.713 | 0.759 | 0.724 | -0.025 | -0.057 |
| 1724.00 | 0.809 | 0.713 | 0.750 | 0.718 | -0.025 | -0.057 |
| 1726.00 | 0.790 | 0.704 | 0.750 | 0.718 | -0.025 | -0.057 |
| 1728.00 | 0.809 | 0.704 | 0.740 | 0.718 | -0.025 | -0.047 |
| 1730.00 | 0.796 | 0.694 | 0.731 | 0.712 | -0.025 | -0.047 |
| 1732.00 | 0.777 | 0.694 | 0.731 | 0.712 | -0.031 | -0.057 |
| 1734.00 | 0.771 | 0.685 | 0.721 | 0.705 | -0.031 | -0.066 |
| 1736.00 | 0.771 | 0.685 | 0.712 | 0.705 | -0.031 | -0.057 |
| 1738.00 | 0.764 | 0.675 | 0.702 | 0.699 | -0.031 | -0.057 |
| 1740.00 | 0.764 | 0.675 | 0.712 | 0.699 | -0.031 | -0.057 |
| 1742.00 | 0.745 | 0.675 | 0.702 | 0.693 | -0.031 | -0.066 |
| 1744.00 | 0.739 | 0.666 | 0.702 | 0.693 | -0.031 | -0.066 |
| 1746.00 | 0.732 | 0.666 | 0.693 | 0.686 | -0.031 | -0.076 |
| 1748.00 | 0.732 | 0.656 | 0.683 | 0.686 | -0.031 | -0.076 |
| 1750.00 | 0.726 | 0.656 | 0.683 | 0.686 | -0.031 | -0.076 |
| 1752.00 | 0.720 | 0.647 | 0.674 | 0.680 | -0.037 | -0.076 |
| 1754.00 | 0.713 | 0.647 | 0.674 | 0.680 | -0.037 | -0.076 |
| 1756.00 | 0.713 | 0.647 | 0.674 | 0.680 | -0.037 | -0.076 |
| 1758.00 | 0.707 | 0.637 | 0.664 | 0.673 | -0.037 | -0.076 |
| 1760.00 | 0.700 | 0.637 | 0.655 | 0.667 | -0.037 | -0.076 |
| 1762.00 | 0.694 | 0.628 | 0.655 | 0.667 | -0.037 | -0.076 |
| 1764.00 | 0.707 | 0.628 | 0.655 | 0.667 | -0.037 | -0.066 |
| 1766.00 | 0.688 | 0.618 | 0.645 | 0.661 | -0.037 | -0.085 |
| 1768.00 | 0.681 | 0.618 | 0.645 | 0.661 | -0.037 | -0.085 |
| 1770.00 | 0.681 | 0.618 | 0.645 | 0.661 | -0.037 | -0.085 |
| 1772.00 | 0.681 | 0.609 | 0.636 | 0.654 | -0.037 | -0.076 |
| 1774.00 | 0.675 | 0.609 | 0.636 | 0.654 | -0.037 | -0.085 |
| 1776.00 | 0.669 | 0.599 | 0.626 | 0.648 | -0.037 | -0.085 |
| 1778.00 | 0.656 | 0.599 | 0.626 | 0.648 | -0.037 | -0.085 |
| 1780.00 | 0.649 | 0.599 | 0.626 | 0.642 | -0.037 | -0.085 |
| 1782.00 | 0.643 | 0.590 | 0.626 | 0.642 | -0.044 | -0.095 |



CHM 003 1183

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1784.00 | 0.643 | 0.590 | 0.617 | 0.642 | -0.044 | -0.095 |
| 1786.00 | 0.643 | 0.590 | 0.617 | 0.642 | -0.044 | -0.085 |
| 1788.00 | 0.643 | 0.580 | 0.607 | 0.635 | -0.044 | -0.085 |
| 1790.00 | 0.637 | 0.580 | 0.607 | 0.635 | -0.044 | -0.085 |
| 1792.00 | 0.630 | 0.580 | 0.598 | 0.629 | -0.044 | -0.085 |
| 1794.00 | 0.630 | 0.571 | 0.598 | 0.629 | -0.044 | -0.095 |
| 1796.00 | 0.624 | 0.571 | 0.598 | 0.623 | -0.044 | -0.095 |
| 1798.00 | 0.618 | 0.571 | 0.588 | 0.623 | -0.044 | -0.095 |
| 1800.00 | 0.618 | 0.561 | 0.588 | 0.623 | -0.050 | -0.095 |
| 1802.00 | 0.611 | 0.561 | 0.588 | 0.616 | -0.050 | -0.095 |
| 1804.00 | 0.605 | 0.561 | 0.579 | 0.616 | -0.050 | -0.104 |
| 1806.00 | 0.592 | 0.552 | 0.579 | 0.610 | -0.050 | -0.104 |
| 1808.00 | 0.592 | 0.552 | 0.569 | 0.610 | -0.050 | -0.104 |
| 1810.00 | 0.586 | 0.552 | 0.569 | 0.604 | -0.050 | -0.114 |
| 1812.00 | 0.579 | 0.542 | 0.569 | 0.604 | -0.050 | -0.114 |
| 1814.00 | 0.579 | 0.542 | 0.560 | 0.597 | -0.050 | -0.104 |
| 1816.00 | 0.579 | 0.542 | 0.560 | 0.597 | -0.050 | -0.104 |
| 1818.00 | 0.573 | 0.533 | 0.560 | 0.597 | -0.050 | -0.104 |
| 1820.00 | 0.573 | 0.533 | 0.560 | 0.591 | -0.056 | -0.104 |
| 1822.00 | 0.567 | 0.533 | 0.550 | 0.591 | -0.056 | -0.104 |
| 1824.00 | 0.554 | 0.523 | 0.550 | 0.584 | -0.056 | -0.114 |
| 1826.00 | 0.554 | 0.523 | 0.550 | 0.584 | -0.056 | -0.114 |
| 1828.00 | 0.554 | 0.514 | 0.541 | 0.584 | -0.056 | -0.114 |
| 1830.00 | 0.554 | 0.523 | 0.541 | 0.578 | -0.056 | -0.114 |
| 1832.00 | 0.548 | 0.514 | 0.541 | 0.578 | -0.056 | -0.104 |
| 1834.00 | 0.548 | 0.514 | 0.531 | 0.572 | -0.056 | -0.114 |
| 1836.00 | 0.548 | 0.504 | 0.531 | 0.572 | -0.063 | -0.114 |
| 1838.00 | 0.535 | 0.504 | 0.531 | 0.572 | -0.063 | -0.114 |
| 1840.00 | 0.535 | 0.504 | 0.522 | 0.565 | -0.063 | -0.114 |
| 1842.00 | 0.528 | 0.504 | 0.522 | 0.565 | -0.063 | -0.114 |
| 1844.00 | 0.528 | 0.495 | 0.522 | 0.559 | -0.063 | -0.114 |
| 1846.00 | 0.522 | 0.495 | 0.522 | 0.559 | -0.063 | -0.114 |
| 1848.00 | 0.522 | 0.495 | 0.512 | 0.565 | -0.063 | -0.114 |
| 1850.00 | 0.522 | 0.485 | 0.512 | 0.559 | -0.063 | -0.114 |
| 1852.00 | 0.522 | 0.485 | 0.512 | 0.553 | -0.063 | -0.114 |
| 1854.00 | 0.516 | 0.485 | 0.503 | 0.553 | -0.063 | -0.114 |
| 1856.00 | 0.516 | 0.485 | 0.503 | 0.546 | -0.069 | -0.114 |
| 1858.00 | 0.516 | 0.475 | 0.503 | 0.546 | -0.069 | -0.114 |
| 1860.00 | 0.509 | 0.475 | 0.493 | 0.540 | -0.069 | -0.114 |
| 1862.00 | 0.509 | 0.475 | 0.493 | 0.540 | -0.069 | -0.114 |
| 1864.00 | 0.490 | 0.466 | 0.493 | 0.534 | -0.069 | -0.123 |
| 1866.00 | 0.484 | 0.466 | 0.493 | 0.540 | -0.069 | -0.123 |
| 1868.00 | 0.490 | 0.466 | 0.484 | 0.534 | -0.069 | -0.123 |
| 1870.00 | 0.477 | 0.466 | 0.484 | 0.527 | -0.069 | -0.123 |
| 1872.00 | 0.477 | 0.456 | 0.484 | 0.527 | -0.069 | -0.123 |
| 1874.00 | 0.477 | 0.456 | 0.484 | 0.527 | -0.075 | -0.123 |
| 1876.00 | 0.471 | 0.456 | 0.474 | 0.521 | -0.075 | -0.123 |
| 1878.00 | 0.471 | 0.456 | 0.474 | 0.527 | -0.075 | -0.114 |
| 1880.00 | 0.477 | 0.447 | 0.474 | 0.515 | -0.075 | -0.114 |
| 1882.00 | 0.465 | 0.447 | 0.465 | 0.515 | -0.075 | -0.123 |
| 1884.00 | 0.471 | 0.447 | 0.465 | 0.515 | -0.075 | -0.123 |
| 1886.00 | 0.458 | 0.437 | 0.465 | 0.508 | -0.075 | -0.123 |
| 1888.00 | 0.452 | 0.437 | 0.465 | 0.508 | -0.075 | -0.123 |
| 1890.00 | 0.465 | 0.437 | 0.465 | 0.515 | -0.075 | -0.114 |



CHM 003 1184

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1892.00 | 0.471 | 0.437 | 0.455 | 0.508 | -0.075 | -0.114 |
| 1894.00 | 0.458 | 0.437 | 0.455 | 0.508 | -0.075 | -0.114 |
| 1896.00 | 0.452 | 0.428 | 0.446 | 0.502 | -0.082 | -0.123 |
| 1898.00 | 0.446 | 0.428 | 0.446 | 0.495 | -0.082 | -0.123 |
| 1900.00 | 0.433 | 0.428 | 0.446 | 0.502 | -0.082 | -0.133 |
| 1902.00 | 0.433 | 0.428 | 0.446 | 0.495 | -0.082 | -0.133 |
| 1904.00 | 0.433 | 0.418 | 0.446 | 0.489 | -0.082 | -0.123 |
| 1906.00 | 0.433 | 0.418 | 0.446 | 0.489 | -0.082 | -0.123 |
| 1908.00 | 0.426 | 0.418 | 0.436 | 0.483 | -0.082 | -0.123 |
| 1910.00 | 0.426 | 0.418 | 0.436 | 0.489 | -0.082 | -0.123 |
| 1912.00 | 0.426 | 0.409 | 0.436 | 0.483 | -0.082 | -0.123 |
| 1914.00 | 0.426 | 0.409 | 0.436 | 0.483 | -0.082 | -0.123 |
| 1916.00 | 0.420 | 0.409 | 0.427 | 0.483 | -0.088 | -0.133 |
| 1918.00 | 0.420 | 0.409 | 0.427 | 0.476 | -0.088 | -0.133 |
| 1920.00 | 0.414 | 0.409 | 0.427 | 0.470 | -0.088 | -0.123 |
| 1922.00 | 0.414 | 0.399 | 0.417 | 0.470 | -0.088 | -0.123 |
| 1924.00 | 0.414 | 0.399 | 0.417 | 0.470 | -0.088 | -0.133 |
| 1926.00 | 0.414 | 0.399 | 0.417 | 0.470 | -0.088 | -0.123 |
| 1928.00 | 0.420 | 0.399 | 0.417 | 0.476 | -0.088 | -0.123 |
| 1930.00 | 0.426 | 0.390 | 0.417 | 0.464 | -0.088 | -0.123 |
| 1932.00 | 0.420 | 0.390 | 0.408 | 0.464 | -0.088 | -0.123 |
| 1934.00 | 0.420 | 0.390 | 0.408 | 0.457 | -0.088 | -0.133 |
| 1936.00 | 0.414 | 0.380 | 0.408 | 0.457 | -0.094 | -0.123 |
| 1938.00 | 0.401 | 0.380 | 0.408 | 0.451 | -0.094 | -0.133 |
| 1940.00 | 0.395 | 0.380 | 0.408 | 0.457 | -0.094 | -0.142 |
| 1942.00 | 0.407 | 0.380 | 0.398 | 0.451 | -0.094 | -0.123 |
| 1944.00 | 0.414 | 0.380 | 0.398 | 0.445 | -0.094 | -0.123 |
| 1946.00 | 0.401 | 0.380 | 0.398 | 0.445 | -0.094 | -0.133 |
| 1948.00 | 0.407 | 0.371 | 0.398 | 0.451 | -0.094 | -0.133 |
| 1950.00 | 0.401 | 0.371 | 0.398 | 0.445 | -0.094 | -0.133 |
| 1952.00 | 0.395 | 0.371 | 0.398 | 0.445 | -0.094 | -0.133 |
| 1954.00 | 0.388 | 0.371 | 0.389 | 0.438 | -0.101 | -0.142 |
| 1956.00 | 0.388 | 0.361 | 0.389 | 0.438 | -0.101 | -0.133 |
| 1958.00 | 0.388 | 0.361 | 0.389 | 0.438 | -0.101 | -0.142 |
| 1960.00 | 0.382 | 0.361 | 0.389 | 0.426 | -0.101 | -0.142 |
| 1962.00 | 0.382 | 0.361 | 0.379 | 0.426 | -0.101 | -0.142 |
| 1964.00 | 0.369 | 0.361 | 0.379 | 0.426 | -0.101 | -0.142 |
| 1966.00 | 0.369 | 0.352 | 0.379 | 0.426 | -0.101 | -0.142 |
| 1968.00 | 0.375 | 0.352 | 0.379 | 0.432 | -0.101 | -0.142 |
| 1970.00 | 0.375 | 0.352 | 0.379 | 0.426 | -0.101 | -0.133 |
| 1972.00 | 0.375 | 0.352 | 0.370 | 0.419 | -0.101 | -0.142 |
| 1974.00 | 0.369 | 0.352 | 0.370 | 0.419 | -0.107 | -0.142 |
| 1976.00 | 0.369 | 0.352 | 0.370 | 0.419 | -0.107 | -0.142 |
| 1978.00 | 0.369 | 0.342 | 0.370 | 0.413 | -0.107 | -0.142 |
| 1980.00 | 0.375 | 0.342 | 0.360 | 0.413 | -0.107 | -0.142 |
| 1982.00 | 0.369 | 0.342 | 0.360 | 0.406 | -0.107 | -0.142 |
| 1984.00 | 0.363 | 0.342 | 0.360 | 0.406 | -0.107 | -0.142 |
| 1986.00 | 0.350 | 0.333 | 0.360 | 0.406 | -0.107 | -0.152 |
| 1988.00 | 0.350 | 0.333 | 0.360 | 0.400 | -0.107 | -0.152 |
| 1990.00 | 0.337 | 0.333 | 0.351 | 0.394 | -0.113 | -0.161 |
| 1992.00 | 0.331 | 0.333 | 0.351 | 0.394 | -0.113 | -0.161 |
| 1994.00 | 0.324 | 0.333 | 0.351 | 0.400 | -0.113 | -0.161 |
| 1996.00 | 0.324 | 0.333 | 0.351 | 0.394 | -0.113 | -0.171 |
| 1998.00 | 0.331 | 0.333 | 0.351 | 0.400 | -0.113 | -0.161 |



CHM 003 1185

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2000.00 | 0.337 | 0.333 | 0.351 | 0.387 | -0.113 | -0.161 |
| 2002.00 | 0.350 | 0.323 | 0.351 | 0.381 | -0.113 | -0.152 |
| 2004.00 | 0.363 | 0.323 | 0.341 | 0.381 | -0.113 | -0.142 |
| 2006.00 | 0.350 | 0.323 | 0.341 | 0.381 | -0.113 | -0.152 |
| 2008.00 | 0.337 | 0.323 | 0.341 | 0.381 | -0.120 | -0.161 |
| 2010.00 | 0.331 | 0.323 | 0.341 | 0.381 | -0.113 | -0.161 |
| 2012.00 | 0.324 | 0.314 | 0.341 | 0.381 | -0.120 | -0.161 |
| 2014.00 | 0.312 | 0.314 | 0.341 | 0.375 | -0.120 | -0.161 |
| 2016.00 | 0.312 | 0.314 | 0.332 | 0.375 | -0.120 | -0.171 |
| 2018.00 | 0.331 | 0.314 | 0.332 | 0.375 | -0.120 | -0.152 |
| 2020.00 | 0.337 | 0.314 | 0.332 | 0.375 | -0.120 | -0.152 |
| 2022.00 | 0.331 | 0.314 | 0.332 | 0.368 | -0.120 | -0.152 |
| 2024.00 | 0.312 | 0.304 | 0.332 | 0.368 | -0.120 | -0.161 |
| 2026.00 | 0.299 | 0.304 | 0.332 | 0.368 | -0.120 | -0.171 |
| 2028.00 | 0.299 | 0.304 | 0.332 | 0.368 | -0.120 | -0.171 |
| 2030.00 | 0.312 | 0.304 | 0.332 | 0.368 | -0.120 | -0.161 |
| 2032.00 | 0.318 | 0.304 | 0.322 | 0.368 | -0.120 | -0.161 |
| 2034.00 | 0.324 | 0.304 | 0.322 | 0.368 | -0.126 | -0.152 |
| 2036.00 | 0.331 | 0.304 | 0.322 | 0.368 | -0.120 | -0.152 |
| 2038.00 | 0.331 | 0.304 | 0.322 | 0.362 | -0.126 | -0.152 |
| 2040.00 | 0.318 | 0.295 | 0.322 | 0.362 | -0.126 | -0.161 |
| 2042.00 | 0.318 | 0.295 | 0.322 | 0.362 | -0.126 | -0.161 |
| 2044.00 | 0.324 | 0.295 | 0.322 | 0.356 | -0.126 | -0.152 |
| 2046.00 | 0.318 | 0.295 | 0.313 | 0.356 | -0.126 | -0.152 |
| 2048.00 | 0.318 | 0.295 | 0.313 | 0.356 | -0.126 | -0.152 |
| 2050.00 | 0.312 | 0.295 | 0.313 | 0.349 | -0.126 | -0.161 |
| 2052.00 | 0.305 | 0.295 | 0.313 | 0.349 | -0.126 | -0.161 |
| 2054.00 | 0.305 | 0.285 | 0.313 | 0.349 | -0.132 | -0.171 |
| 2056.00 | 0.305 | 0.285 | 0.313 | 0.343 | -0.132 | -0.161 |
| 2058.00 | 0.305 | 0.285 | 0.313 | 0.343 | -0.132 | -0.161 |
| 2060.00 | 0.305 | 0.285 | 0.313 | 0.343 | -0.132 | -0.161 |
| 2062.00 | 0.305 | 0.285 | 0.303 | 0.343 | -0.132 | -0.161 |
| 2064.00 | 0.299 | 0.285 | 0.303 | 0.336 | -0.132 | -0.161 |
| 2066.00 | 0.299 | 0.285 | 0.303 | 0.336 | -0.132 | -0.161 |
| 2068.00 | 0.299 | 0.285 | 0.303 | 0.336 | -0.132 | -0.161 |
| 2070.00 | 0.299 | 0.285 | 0.303 | 0.336 | -0.132 | -0.171 |
| 2072.00 | 0.299 | 0.276 | 0.303 | 0.336 | -0.132 | -0.171 |
| 2074.00 | 0.293 | 0.276 | 0.303 | 0.330 | -0.132 | -0.171 |
| 2076.00 | 0.293 | 0.276 | 0.303 | 0.330 | -0.139 | -0.171 |
| 2078.00 | 0.293 | 0.276 | 0.303 | 0.330 | -0.132 | -0.171 |
| 2080.00 | 0.293 | 0.276 | 0.294 | 0.324 | -0.139 | -0.171 |
| 2082.00 | 0.293 | 0.276 | 0.294 | 0.324 | -0.139 | -0.171 |
| 2084.00 | 0.286 | 0.276 | 0.294 | 0.324 | -0.139 | -0.171 |
| 2086.00 | 0.286 | 0.276 | 0.294 | 0.324 | -0.139 | -0.171 |
| 2088.00 | 0.286 | 0.266 | 0.294 | 0.324 | -0.139 | -0.171 |
| 2090.00 | 0.286 | 0.266 | 0.294 | 0.317 | -0.139 | -0.171 |
| 2092.00 | 0.286 | 0.266 | 0.294 | 0.317 | -0.139 | -0.171 |
| 2094.00 | 0.280 | 0.266 | 0.294 | 0.317 | -0.139 | -0.171 |
| 2096.00 | 0.280 | 0.266 | 0.294 | 0.317 | -0.139 | -0.171 |
| 2098.00 | 0.280 | 0.266 | 0.284 | 0.311 | -0.139 | -0.171 |
| 2100.00 | 0.280 | 0.266 | 0.284 | 0.311 | -0.139 | -0.180 |
| 2102.00 | 0.274 | 0.266 | 0.284 | 0.311 | -0.139 | -0.180 |
| 2104.00 | 0.274 | 0.266 | 0.284 | 0.305 | -0.145 | -0.180 |
| 2106.00 | 0.267 | 0.257 | 0.284 | 0.305 | -0.145 | -0.180 |



CHM 003 1186

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2108.00 | 0.254 | 0.257 | 0.284 | 0.298 | -0.145 | -0.190 |
| 2110.00 | 0.254 | 0.257 | 0.284 | 0.298 | -0.145 | -0.190 |
| 2112.00 | 0.254 | 0.257 | 0.275 | 0.298 | -0.145 | -0.190 |
| 2114.00 | 0.248 | 0.257 | 0.275 | 0.298 | -0.145 | -0.190 |
| 2116.00 | 0.248 | 0.257 | 0.275 | 0.298 | -0.145 | -0.190 |
| 2118.00 | 0.248 | 0.257 | 0.275 | 0.292 | -0.145 | -0.190 |
| 2120.00 | 0.242 | 0.257 | 0.275 | 0.292 | -0.145 | -0.190 |
| 2122.00 | 0.242 | 0.257 | 0.265 | 0.292 | -0.145 | -0.199 |
| 2124.00 | 0.242 | 0.247 | 0.275 | 0.292 | -0.151 | -0.199 |
| 2126.00 | 0.242 | 0.247 | 0.265 | 0.292 | -0.145 | -0.190 |
| 2128.00 | 0.242 | 0.247 | 0.265 | 0.292 | -0.151 | -0.190 |
| 2130.00 | 0.242 | 0.247 | 0.265 | 0.292 | -0.151 | -0.190 |
| 2132.00 | 0.242 | 0.247 | 0.265 | 0.286 | -0.145 | -0.190 |
| 2134.00 | 0.248 | 0.247 | 0.265 | 0.286 | -0.151 | -0.180 |
| 2136.00 | 0.242 | 0.247 | 0.265 | 0.286 | -0.151 | -0.180 |
| 2138.00 | 0.248 | 0.247 | 0.265 | 0.286 | -0.151 | -0.180 |
| 2140.00 | 0.248 | 0.237 | 0.265 | 0.286 | -0.151 | -0.180 |
| 2142.00 | 0.242 | 0.237 | 0.265 | 0.286 | -0.151 | -0.180 |
| 2144.00 | 0.242 | 0.237 | 0.265 | 0.279 | -0.151 | -0.180 |
| 2146.00 | 0.242 | 0.237 | 0.265 | 0.279 | -0.151 | -0.180 |
| 2148.00 | 0.235 | 0.237 | 0.256 | 0.279 | -0.151 | -0.180 |
| 2150.00 | 0.242 | 0.237 | 0.256 | 0.279 | -0.151 | -0.180 |
| 2152.00 | 0.235 | 0.237 | 0.256 | 0.279 | -0.151 | -0.180 |
| 2154.00 | 0.242 | 0.237 | 0.256 | 0.273 | -0.151 | -0.180 |
| 2156.00 | 0.235 | 0.237 | 0.256 | 0.273 | -0.151 | -0.180 |
| 2158.00 | 0.235 | 0.237 | 0.256 | 0.273 | -0.158 | -0.180 |
| 2160.00 | 0.235 | 0.237 | 0.256 | 0.273 | -0.158 | -0.190 |
| 2162.00 | 0.229 | 0.237 | 0.256 | 0.273 | -0.158 | -0.180 |
| 2164.00 | 0.235 | 0.228 | 0.256 | 0.267 | -0.158 | -0.190 |
| 2166.00 | 0.235 | 0.228 | 0.256 | 0.267 | -0.158 | -0.190 |
| 2168.00 | 0.235 | 0.228 | 0.256 | 0.267 | -0.158 | -0.190 |
| 2170.00 | 0.235 | 0.228 | 0.256 | 0.267 | -0.158 | -0.190 |
| 2172.00 | 0.229 | 0.228 | 0.256 | 0.267 | -0.158 | -0.190 |
| 2174.00 | 0.229 | 0.228 | 0.256 | 0.267 | -0.158 | -0.190 |
| 2176.00 | 0.229 | 0.228 | 0.256 | 0.267 | -0.158 | -0.190 |
| 2178.00 | 0.235 | 0.228 | 0.246 | 0.267 | -0.158 | -0.180 |
| 2180.00 | 0.235 | 0.228 | 0.246 | 0.267 | -0.158 | -0.190 |
| 2182.00 | 0.229 | 0.228 | 0.246 | 0.260 | -0.158 | -0.190 |
| 2184.00 | 0.235 | 0.228 | 0.246 | 0.260 | -0.158 | -0.190 |
| 2186.00 | 0.229 | 0.218 | 0.246 | 0.260 | -0.158 | -0.190 |
| 2188.00 | 0.229 | 0.228 | 0.246 | 0.260 | -0.158 | -0.190 |
| 2190.00 | 0.229 | 0.228 | 0.246 | 0.260 | -0.158 | -0.190 |
| 2192.00 | 0.229 | 0.228 | 0.246 | 0.254 | -0.158 | -0.190 |
| 2194.00 | 0.235 | 0.218 | 0.246 | 0.254 | -0.158 | -0.180 |
| 2196.00 | 0.229 | 0.218 | 0.246 | 0.254 | -0.158 | -0.180 |
| 2198.00 | 0.229 | 0.218 | 0.246 | 0.254 | -0.164 | -0.190 |
| 2200.00 | 0.229 | 0.218 | 0.237 | 0.254 | -0.164 | -0.180 |
| 2202.00 | 0.229 | 0.218 | 0.237 | 0.254 | -0.164 | -0.190 |
| 2204.00 | 0.229 | 0.218 | 0.237 | 0.254 | -0.164 | -0.190 |
| 2206.00 | 0.223 | 0.218 | 0.237 | 0.247 | -0.164 | -0.180 |
| 2208.00 | 0.223 | 0.218 | 0.237 | 0.247 | -0.164 | -0.180 |
| 2210.00 | 0.223 | 0.218 | 0.237 | 0.247 | -0.164 | -0.180 |
| 2212.00 | 0.216 | 0.218 | 0.237 | 0.247 | -0.164 | -0.180 |
| 2214.00 | 0.223 | 0.209 | 0.237 | 0.247 | -0.164 | -0.180 |



CHM 003 1187

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2216.00 | 0.223 | 0.209 | 0.237 | 0.247 | -0.164 | -0.180 |
| 2218.00 | 0.216 | 0.209 | 0.237 | 0.241 | -0.164 | -0.180 |
| 2220.00 | 0.223 | 0.209 | 0.237 | 0.241 | -0.164 | -0.180 |
| 2222.00 | 0.223 | 0.209 | 0.237 | 0.241 | -0.164 | -0.180 |
| 2224.00 | 0.229 | 0.209 | 0.237 | 0.241 | -0.164 | -0.171 |
| 2226.00 | 0.229 | 0.209 | 0.237 | 0.241 | -0.164 | -0.180 |
| 2228.00 | 0.216 | 0.209 | 0.227 | 0.241 | -0.164 | -0.180 |
| 2230.00 | 0.210 | 0.209 | 0.227 | 0.241 | -0.164 | -0.180 |
| 2232.00 | 0.210 | 0.209 | 0.227 | 0.235 | -0.164 | -0.180 |
| 2234.00 | 0.216 | 0.209 | 0.227 | 0.235 | -0.164 | -0.180 |
| 2236.00 | 0.210 | 0.209 | 0.227 | 0.235 | -0.164 | -0.180 |
| 2238.00 | 0.216 | 0.199 | 0.227 | 0.235 | -0.164 | -0.180 |
| 2240.00 | 0.216 | 0.209 | 0.227 | 0.235 | -0.164 | -0.180 |
| 2242.00 | 0.210 | 0.199 | 0.227 | 0.235 | -0.170 | -0.180 |
| 2244.00 | 0.216 | 0.199 | 0.227 | 0.235 | -0.164 | -0.180 |
| 2246.00 | 0.223 | 0.199 | 0.227 | 0.235 | -0.170 | -0.180 |
| 2248.00 | 0.223 | 0.199 | 0.227 | 0.228 | -0.170 | -0.171 |
| 2250.00 | 0.216 | 0.199 | 0.227 | 0.228 | -0.170 | -0.171 |
| 2252.00 | 0.216 | 0.199 | 0.227 | 0.228 | -0.170 | -0.180 |
| 2254.00 | 0.216 | 0.199 | 0.218 | 0.228 | -0.170 | -0.180 |
| 2256.00 | 0.203 | 0.199 | 0.218 | 0.228 | -0.170 | -0.180 |
| 2258.00 | 0.203 | 0.199 | 0.218 | 0.228 | -0.170 | -0.180 |
| 2260.00 | 0.210 | 0.199 | 0.218 | 0.228 | -0.170 | -0.180 |
| 2262.00 | 0.210 | 0.199 | 0.218 | 0.222 | -0.170 | -0.180 |
| 2264.00 | 0.210 | 0.199 | 0.218 | 0.222 | -0.170 | -0.180 |
| 2266.00 | 0.203 | 0.199 | 0.218 | 0.222 | -0.170 | -0.180 |
| 2268.00 | 0.197 | 0.190 | 0.218 | 0.222 | -0.170 | -0.190 |
| 2270.00 | 0.197 | 0.190 | 0.218 | 0.222 | -0.170 | -0.190 |
| 2272.00 | 0.203 | 0.190 | 0.218 | 0.222 | -0.170 | -0.190 |
| 2274.00 | 0.203 | 0.190 | 0.218 | 0.216 | -0.170 | -0.190 |
| 2276.00 | 0.203 | 0.190 | 0.218 | 0.222 | -0.170 | -0.190 |
| 2278.00 | 0.203 | 0.190 | 0.218 | 0.222 | -0.170 | -0.190 |
| 2280.00 | 0.203 | 0.190 | 0.208 | 0.216 | -0.170 | -0.190 |
| 2282.00 | 0.197 | 0.190 | 0.208 | 0.216 | -0.170 | -0.190 |
| 2284.00 | 0.203 | 0.190 | 0.208 | 0.216 | -0.170 | -0.190 |
| 2286.00 | 0.203 | 0.190 | 0.208 | 0.216 | -0.170 | -0.190 |
| 2288.00 | 0.197 | 0.190 | 0.208 | 0.216 | -0.170 | -0.190 |
| 2290.00 | 0.197 | 0.190 | 0.218 | 0.216 | -0.170 | -0.190 |
| 2292.00 | 0.197 | 0.190 | 0.208 | 0.216 | -0.170 | -0.190 |
| 2294.00 | 0.203 | 0.190 | 0.208 | 0.216 | -0.170 | -0.180 |
| 2296.00 | 0.203 | 0.190 | 0.208 | 0.209 | -0.170 | -0.190 |
| 2298.00 | 0.197 | 0.180 | 0.208 | 0.209 | -0.170 | -0.190 |
| 2300.00 | 0.197 | 0.180 | 0.208 | 0.209 | -0.170 | -0.190 |
| 2302.00 | 0.197 | 0.180 | 0.208 | 0.209 | -0.170 | -0.190 |
| 2304.00 | 0.191 | 0.180 | 0.208 | 0.209 | -0.170 | -0.190 |
| 2306.00 | 0.191 | 0.180 | 0.208 | 0.209 | -0.170 | -0.190 |
| 2308.00 | 0.191 | 0.180 | 0.208 | 0.203 | -0.177 | -0.190 |
| 2310.00 | 0.197 | 0.180 | 0.199 | 0.203 | -0.170 | -0.190 |
| 2312.00 | 0.191 | 0.180 | 0.199 | 0.203 | -0.177 | -0.190 |
| 2314.00 | 0.191 | 0.180 | 0.199 | 0.203 | -0.177 | -0.199 |
| 2316.00 | 0.191 | 0.180 | 0.199 | 0.203 | -0.170 | -0.199 |
| 2318.00 | 0.191 | 0.180 | 0.199 | 0.203 | -0.177 | -0.199 |
| 2320.00 | 0.191 | 0.180 | 0.199 | 0.203 | -0.177 | -0.190 |
| 2322.00 | 0.191 | 0.180 | 0.199 | 0.203 | -0.177 | -0.199 |



CHM 003 1188

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2324.00 | 0.191 | 0.180 | 0.199 | 0.203 | -0.177 | -0.199 |
| 2326.00 | 0.191 | 0.171 | 0.199 | 0.203 | -0.177 | -0.199 |
| 2328.00 | 0.184 | 0.171 | 0.199 | 0.197 | -0.177 | -0.199 |
| 2330.00 | 0.184 | 0.171 | 0.199 | 0.197 | -0.177 | -0.199 |
| 2332.00 | 0.184 | 0.171 | 0.199 | 0.197 | -0.177 | -0.199 |
| 2334.00 | 0.184 | 0.171 | 0.199 | 0.197 | -0.177 | -0.199 |
| 2336.00 | 0.184 | 0.171 | 0.199 | 0.197 | -0.177 | -0.199 |
| 2338.00 | 0.184 | 0.171 | 0.199 | 0.197 | -0.177 | -0.199 |
| 2340.00 | 0.184 | 0.171 | 0.199 | 0.197 | -0.177 | -0.199 |
| 2342.00 | 0.184 | 0.171 | 0.189 | 0.197 | -0.177 | -0.199 |
| 2344.00 | 0.184 | 0.171 | 0.189 | 0.197 | -0.177 | -0.199 |
| 2346.00 | 0.184 | 0.171 | 0.189 | 0.190 | -0.177 | -0.199 |
| 2348.00 | 0.191 | 0.171 | 0.189 | 0.197 | -0.177 | -0.199 |
| 2350.00 | 0.197 | 0.171 | 0.189 | 0.197 | -0.177 | -0.190 |
| 2352.00 | 0.197 | 0.171 | 0.189 | 0.197 | -0.177 | -0.190 |
| 2354.00 | 0.203 | 0.161 | 0.189 | 0.197 | -0.177 | -0.180 |
| 2356.00 | 0.203 | 0.171 | 0.189 | 0.197 | -0.177 | -0.190 |
| 2358.00 | 0.203 | 0.161 | 0.189 | 0.190 | -0.177 | -0.190 |
| 2360.00 | 0.197 | 0.161 | 0.189 | 0.190 | -0.177 | -0.190 |
| 2362.00 | 0.191 | 0.161 | 0.189 | 0.190 | -0.177 | -0.199 |
| 2364.00 | 0.184 | 0.161 | 0.189 | 0.190 | -0.177 | -0.199 |
| 2366.00 | 0.184 | 0.161 | 0.189 | 0.184 | -0.183 | -0.199 |
| 2368.00 | 0.184 | 0.161 | 0.180 | 0.184 | -0.183 | -0.209 |
| 2370.00 | 0.178 | 0.161 | 0.180 | 0.184 | -0.183 | -0.209 |
| 2372.00 | 0.178 | 0.161 | 0.180 | 0.184 | -0.183 | -0.209 |
| 2374.00 | 0.178 | 0.161 | 0.180 | 0.184 | -0.183 | -0.209 |
| 2376.00 | 0.172 | 0.161 | 0.180 | 0.184 | -0.183 | -0.209 |
| 2378.00 | 0.172 | 0.152 | 0.180 | 0.178 | -0.183 | -0.209 |
| 2380.00 | 0.172 | 0.152 | 0.180 | 0.178 | -0.183 | -0.209 |
| 2382.00 | 0.172 | 0.152 | 0.180 | 0.178 | -0.183 | -0.209 |
| 2384.00 | 0.172 | 0.152 | 0.180 | 0.178 | -0.183 | -0.209 |
| 2386.00 | 0.172 | 0.152 | 0.170 | 0.178 | -0.183 | -0.209 |
| 2388.00 | 0.172 | 0.152 | 0.170 | 0.178 | -0.183 | -0.209 |
| 2390.00 | 0.172 | 0.152 | 0.170 | 0.178 | -0.183 | -0.209 |
| 2392.00 | 0.172 | 0.152 | 0.170 | 0.178 | -0.183 | -0.209 |
| 2394.00 | 0.172 | 0.152 | 0.170 | 0.171 | -0.183 | -0.209 |
| 2396.00 | 0.165 | 0.152 | 0.170 | 0.171 | -0.183 | -0.209 |
| 2398.00 | 0.165 | 0.152 | 0.170 | 0.171 | -0.183 | -0.209 |
| 2400.00 | 0.165 | 0.142 | 0.170 | 0.171 | -0.183 | -0.209 |
| 2402.00 | 0.165 | 0.142 | 0.170 | 0.171 | -0.183 | -0.218 |
| 2404.00 | 0.165 | 0.142 | 0.161 | 0.171 | -0.183 | -0.218 |
| 2406.00 | 0.165 | 0.142 | 0.161 | 0.165 | -0.189 | -0.218 |
| 2408.00 | 0.165 | 0.142 | 0.161 | 0.165 | -0.183 | -0.218 |
| 2410.00 | 0.159 | 0.142 | 0.161 | 0.165 | -0.189 | -0.218 |
| 2412.00 | 0.152 | 0.142 | 0.161 | 0.165 | -0.189 | -0.218 |
| 2414.00 | 0.159 | 0.142 | 0.161 | 0.165 | -0.189 | -0.218 |
| 2416.00 | 0.152 | 0.133 | 0.161 | 0.165 | -0.189 | -0.228 |
| 2418.00 | 0.152 | 0.133 | 0.161 | 0.165 | -0.189 | -0.228 |
| 2420.00 | 0.152 | 0.133 | 0.151 | 0.165 | -0.189 | -0.218 |
| 2422.00 | 0.152 | 0.133 | 0.161 | 0.158 | -0.189 | -0.228 |
| 2424.00 | 0.152 | 0.133 | 0.151 | 0.158 | -0.189 | -0.228 |
| 2426.00 | 0.146 | 0.133 | 0.151 | 0.158 | -0.189 | -0.228 |
| 2428.00 | 0.146 | 0.133 | 0.151 | 0.158 | -0.189 | -0.228 |
| 2430.00 | 0.146 | 0.133 | 0.151 | 0.158 | -0.189 | -0.228 |



CHM 003 1189

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2432.00 | 0.146 | 0.133 | 0.151 | 0.158 | -0.189 | -0.228 |
| 2434.00 | 0.146 | 0.123 | 0.151 | 0.158 | -0.189 | -0.228 |
| 2436.00 | 0.146 | 0.123 | 0.151 | 0.152 | -0.189 | -0.228 |
| 2438.00 | 0.140 | 0.123 | 0.142 | 0.152 | -0.196 | -0.228 |
| 2440.00 | 0.140 | 0.123 | 0.142 | 0.152 | -0.196 | -0.228 |
| 2442.00 | 0.140 | 0.123 | 0.142 | 0.152 | -0.196 | -0.228 |
| 2444.00 | 0.140 | 0.123 | 0.142 | 0.152 | -0.196 | -0.228 |
| 2446.00 | 0.140 | 0.123 | 0.142 | 0.152 | -0.196 | -0.237 |
| 2448.00 | 0.133 | 0.114 | 0.142 | 0.152 | -0.196 | -0.237 |
| 2450.00 | 0.133 | 0.114 | 0.142 | 0.146 | -0.196 | -0.237 |
| 2452.00 | 0.133 | 0.114 | 0.142 | 0.146 | -0.196 | -0.237 |
| 2454.00 | 0.133 | 0.114 | 0.142 | 0.146 | -0.196 | -0.237 |
| 2456.00 | 0.133 | 0.114 | 0.142 | 0.146 | -0.196 | -0.237 |
| 2458.00 | 0.127 | 0.114 | 0.142 | 0.146 | -0.196 | -0.237 |
| 2460.00 | 0.127 | 0.114 | 0.142 | 0.146 | -0.196 | -0.237 |
| 2462.00 | 0.127 | 0.114 | 0.132 | 0.146 | -0.202 | -0.237 |
| 2464.00 | 0.127 | 0.114 | 0.132 | 0.139 | -0.196 | -0.237 |
| 2466.00 | 0.127 | 0.114 | 0.132 | 0.139 | -0.202 | -0.237 |
| 2468.00 | 0.127 | 0.104 | 0.132 | 0.139 | -0.202 | -0.237 |
| 2470.00 | 0.127 | 0.114 | 0.132 | 0.139 | -0.202 | -0.237 |
| 2472.00 | 0.121 | 0.104 | 0.132 | 0.139 | -0.202 | -0.237 |
| 2474.00 | 0.121 | 0.104 | 0.132 | 0.133 | -0.202 | -0.237 |
| 2476.00 | 0.114 | 0.104 | 0.132 | 0.133 | -0.202 | -0.237 |
| 2478.00 | 0.114 | 0.104 | 0.132 | 0.133 | -0.202 | -0.247 |
| 2480.00 | 0.114 | 0.104 | 0.123 | 0.133 | -0.202 | -0.247 |
| 2482.00 | 0.114 | 0.104 | 0.123 | 0.133 | -0.202 | -0.247 |
| 2484.00 | 0.108 | 0.104 | 0.123 | 0.133 | -0.202 | -0.247 |
| 2486.00 | 0.108 | 0.104 | 0.123 | 0.127 | -0.202 | -0.247 |
| 2488.00 | 0.114 | 0.104 | 0.123 | 0.127 | -0.202 | -0.237 |
| 2490.00 | 0.114 | 0.095 | 0.123 | 0.127 | -0.202 | -0.247 |
| 2492.00 | 0.108 | 0.095 | 0.123 | 0.127 | -0.202 | -0.247 |
| 2494.00 | 0.108 | 0.095 | 0.123 | 0.127 | -0.202 | -0.247 |
| 2496.00 | 0.114 | 0.095 | 0.123 | 0.127 | -0.202 | -0.247 |
| 2498.00 | 0.114 | 0.095 | 0.123 | 0.127 | -0.208 | -0.247 |
| 2500.00 | 0.108 | 0.095 | 0.113 | 0.127 | -0.208 | -0.247 |
| 2502.00 | 0.114 | 0.095 | 0.113 | 0.127 | -0.208 | -0.247 |
| 2504.00 | 0.108 | 0.095 | 0.113 | 0.120 | -0.208 | -0.247 |
| 2506.00 | 0.108 | 0.095 | 0.113 | 0.120 | -0.208 | -0.247 |
| 2508.00 | 0.108 | 0.085 | 0.113 | 0.120 | -0.208 | -0.247 |
| 2510.00 | 0.108 | 0.085 | 0.113 | 0.120 | -0.208 | -0.247 |
| 2512.00 | 0.108 | 0.085 | 0.113 | 0.120 | -0.208 | -0.247 |
| 2514.00 | 0.101 | 0.085 | 0.113 | 0.114 | -0.208 | -0.256 |
| 2516.00 | 0.095 | 0.085 | 0.113 | 0.114 | -0.208 | -0.256 |
| 2518.00 | 0.095 | 0.085 | 0.104 | 0.114 | -0.208 | -0.256 |
| 2520.00 | 0.095 | 0.085 | 0.104 | 0.114 | -0.208 | -0.256 |
| 2522.00 | 0.089 | 0.085 | 0.104 | 0.108 | -0.208 | -0.256 |
| 2524.00 | 0.089 | 0.076 | 0.104 | 0.108 | -0.208 | -0.256 |
| 2526.00 | 0.089 | 0.085 | 0.104 | 0.108 | -0.208 | -0.256 |
| 2528.00 | 0.089 | 0.076 | 0.104 | 0.108 | -0.215 | -0.256 |
| 2530.00 | 0.089 | 0.076 | 0.104 | 0.108 | -0.215 | -0.256 |
| 2532.00 | 0.089 | 0.076 | 0.104 | 0.108 | -0.215 | -0.256 |
| 2534.00 | 0.089 | 0.076 | 0.094 | 0.108 | -0.215 | -0.256 |
| 2536.00 | 0.089 | 0.076 | 0.094 | 0.108 | -0.215 | -0.256 |
| 2538.00 | 0.089 | 0.076 | 0.094 | 0.108 | -0.215 | -0.256 |



CHM 003 1190

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2540.00 | 0.089 | 0.076 | 0.094 | 0.108 | -0.215 | -0.256 |
| 2542.00 | 0.082 | 0.066 | 0.094 | 0.101 | -0.215 | -0.256 |
| 2544.00 | 0.089 | 0.066 | 0.094 | 0.101 | -0.215 | -0.256 |
| 2546.00 | 0.089 | 0.066 | 0.094 | 0.101 | -0.215 | -0.256 |
| 2548.00 | 0.089 | 0.066 | 0.094 | 0.101 | -0.215 | -0.256 |
| 2550.00 | 0.082 | 0.066 | 0.094 | 0.101 | -0.215 | -0.256 |
| 2552.00 | 0.082 | 0.066 | 0.085 | 0.095 | -0.215 | -0.266 |
| 2554.00 | 0.082 | 0.066 | 0.085 | 0.095 | -0.215 | -0.266 |
| 2556.00 | 0.082 | 0.066 | 0.085 | 0.095 | -0.215 | -0.266 |
| 2558.00 | 0.076 | 0.057 | 0.085 | 0.095 | -0.215 | -0.266 |
| 2560.00 | 0.076 | 0.057 | 0.085 | 0.095 | -0.215 | -0.266 |
| 2562.00 | 0.076 | 0.057 | 0.085 | 0.095 | -0.221 | -0.266 |
| 2564.00 | 0.076 | 0.057 | 0.085 | 0.089 | -0.221 | -0.266 |
| 2566.00 | 0.070 | 0.057 | 0.085 | 0.089 | -0.221 | -0.266 |
| 2568.00 | 0.070 | 0.057 | 0.085 | 0.089 | -0.221 | -0.266 |
| 2570.00 | 0.063 | 0.057 | 0.075 | 0.089 | -0.221 | -0.266 |
| 2572.00 | 0.070 | 0.057 | 0.075 | 0.089 | -0.221 | -0.266 |
| 2574.00 | 0.070 | 0.057 | 0.075 | 0.089 | -0.221 | -0.266 |
| 2576.00 | 0.063 | 0.047 | 0.075 | 0.082 | -0.221 | -0.266 |
| 2578.00 | 0.063 | 0.047 | 0.075 | 0.082 | -0.221 | -0.276 |
| 2580.00 | 0.063 | 0.047 | 0.075 | 0.082 | -0.221 | -0.276 |
| 2582.00 | 0.063 | 0.047 | 0.075 | 0.082 | -0.221 | -0.266 |
| 2584.00 | 0.063 | 0.047 | 0.075 | 0.082 | -0.221 | -0.276 |
| 2586.00 | 0.057 | 0.047 | 0.066 | 0.076 | -0.227 | -0.276 |
| 2588.00 | 0.057 | 0.047 | 0.066 | 0.076 | -0.221 | -0.276 |
| 2590.00 | 0.050 | 0.047 | 0.066 | 0.076 | -0.227 | -0.276 |
| 2592.00 | 0.050 | 0.047 | 0.066 | 0.076 | -0.227 | -0.276 |
| 2594.00 | 0.057 | 0.038 | 0.066 | 0.076 | -0.227 | -0.276 |
| 2596.00 | 0.057 | 0.038 | 0.066 | 0.076 | -0.227 | -0.276 |
| 2598.00 | 0.050 | 0.038 | 0.066 | 0.069 | -0.227 | -0.276 |
| 2600.00 | 0.050 | 0.038 | 0.066 | 0.069 | -0.227 | -0.285 |
| 2602.00 | 0.050 | 0.038 | 0.066 | 0.069 | -0.227 | -0.285 |
| 2604.00 | 0.050 | 0.038 | 0.056 | 0.069 | -0.227 | -0.285 |
| 2606.00 | 0.050 | 0.038 | 0.056 | 0.069 | -0.227 | -0.276 |
| 2608.00 | 0.050 | 0.038 | 0.056 | 0.069 | -0.227 | -0.285 |
| 2610.00 | 0.044 | 0.028 | 0.056 | 0.063 | -0.227 | -0.285 |
| 2612.00 | 0.044 | 0.028 | 0.056 | 0.063 | -0.227 | -0.285 |
| 2614.00 | 0.044 | 0.028 | 0.056 | 0.063 | -0.234 | -0.285 |
| 2616.00 | 0.044 | 0.028 | 0.056 | 0.063 | -0.234 | -0.285 |
| 2618.00 | 0.038 | 0.028 | 0.047 | 0.057 | -0.234 | -0.285 |
| 2620.00 | 0.038 | 0.028 | 0.047 | 0.057 | -0.234 | -0.285 |
| 2622.00 | 0.031 | 0.028 | 0.047 | 0.057 | -0.234 | -0.285 |
| 2624.00 | 0.031 | 0.019 | 0.047 | 0.057 | -0.234 | -0.285 |
| 2626.00 | 0.031 | 0.019 | 0.047 | 0.057 | -0.234 | -0.285 |
| 2628.00 | 0.031 | 0.019 | 0.047 | 0.050 | -0.234 | -0.285 |
| 2630.00 | 0.025 | 0.019 | 0.047 | 0.050 | -0.234 | -0.285 |
| 2632.00 | 0.031 | 0.019 | 0.047 | 0.050 | -0.234 | -0.285 |
| 2634.00 | 0.025 | 0.019 | 0.047 | 0.050 | -0.234 | -0.285 |
| 2636.00 | 0.031 | 0.019 | 0.047 | 0.050 | -0.234 | -0.285 |
| 2638.00 | 0.025 | 0.019 | 0.037 | 0.050 | -0.234 | -0.285 |
| 2640.00 | 0.025 | 0.019 | 0.037 | 0.044 | -0.234 | -0.285 |
| 2642.00 | 0.025 | 0.019 | 0.037 | 0.044 | -0.234 | -0.285 |
| 2644.00 | 0.019 | 0.009 | 0.037 | 0.044 | -0.240 | -0.285 |
| 2646.00 | 0.012 | 0.009 | 0.037 | 0.044 | -0.240 | -0.285 |



CHM 003 1191

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2648.00 | 0.012 | 0.009 | 0.037 | 0.038 | -0.240 | -0.285 |
| 2650.00 | 0.012 | 0.009 | 0.037 | 0.038 | -0.240 | -0.285 |
| 2652.00 | 0.012 | 0.009 | 0.037 | 0.038 | -0.240 | -0.285 |
| 2654.00 | 0.012 | 0.009 | 0.037 | 0.038 | -0.240 | -0.285 |
| 2656.00 | 0.012 | 0.009 | 0.037 | 0.038 | -0.240 | -0.285 |
| 2658.00 | 0.006 | 0.009 | 0.028 | 0.038 | -0.240 | -0.285 |
| 2660.00 | 0.006 | 0.000 | 0.028 | 0.031 | -0.240 | -0.285 |
| 2662.00 | 0.006 | 0.000 | 0.028 | 0.031 | -0.240 | -0.285 |
| 2664.00 | 0.012 | 0.000 | 0.028 | 0.031 | -0.240 | -0.285 |
| 2666.00 | 0.006 | 0.000 | 0.028 | 0.038 | -0.240 | -0.285 |
| 2668.00 | 0.019 | 0.000 | 0.028 | 0.031 | -0.240 | -0.276 |
| 2670.00 | 0.012 | 0.000 | 0.028 | 0.031 | -0.240 | -0.276 |
| 2672.00 | 0.012 | 0.000 | 0.028 | 0.031 | -0.240 | -0.276 |
| 2674.00 | 0.012 | 0.000 | 0.028 | 0.031 | -0.246 | -0.276 |
| 2676.00 | 0.012 | 0.000 | 0.028 | 0.025 | -0.246 | -0.285 |
| 2678.00 | 0.006 | 0.000 | 0.028 | 0.025 | -0.246 | -0.285 |
| 2680.00 | 0.000 | 0.000 | 0.028 | 0.025 | -0.246 | -0.285 |
| 2682.00 | 0.000 | -0.009 | 0.028 | 0.025 | -0.246 | -0.285 |
| 2684.00 | 0.000 | 0.000 | 0.018 | 0.025 | -0.246 | -0.285 |
| 2686.00 | -0.006 | 0.000 | 0.018 | 0.019 | -0.246 | -0.285 |
| 2688.00 | 0.000 | -0.009 | 0.018 | 0.019 | -0.246 | -0.285 |
| 2690.00 | 0.000 | -0.009 | 0.018 | 0.019 | -0.246 | -0.285 |
| 2692.00 | 0.006 | -0.009 | 0.018 | 0.019 | -0.246 | -0.285 |
| 2694.00 | 0.000 | -0.009 | 0.018 | 0.019 | -0.246 | -0.285 |
| 2696.00 | 0.000 | -0.009 | 0.018 | 0.019 | -0.246 | -0.285 |
| 2698.00 | 0.000 | -0.009 | 0.018 | 0.019 | -0.246 | -0.295 |
| 2700.00 | 0.000 | -0.009 | 0.018 | 0.019 | -0.246 | -0.295 |
| 2702.00 | -0.006 | -0.009 | 0.018 | 0.012 | -0.253 | -0.295 |
| 2704.00 | -0.006 | -0.009 | 0.018 | 0.012 | -0.246 | -0.295 |
| 2706.00 | -0.006 | -0.009 | 0.018 | 0.012 | -0.246 | -0.295 |
| 2708.00 | -0.006 | -0.009 | 0.009 | 0.012 | -0.246 | -0.295 |
| 2710.00 | -0.006 | -0.009 | 0.018 | 0.012 | -0.253 | -0.295 |
| 2712.00 | -0.012 | -0.019 | 0.009 | 0.012 | -0.246 | -0.295 |
| 2714.00 | -0.006 | -0.019 | 0.018 | 0.012 | -0.253 | -0.295 |
| 2716.00 | -0.012 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2718.00 | -0.012 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2720.00 | -0.006 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2722.00 | -0.012 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2724.00 | -0.012 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2726.00 | -0.012 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2728.00 | -0.012 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2730.00 | -0.019 | -0.019 | 0.009 | 0.006 | -0.253 | -0.295 |
| 2732.00 | -0.012 | -0.019 | 0.009 | 0.000 | -0.253 | -0.295 |
| 2734.00 | -0.012 | -0.019 | 0.009 | 0.000 | -0.253 | -0.295 |
| 2736.00 | -0.019 | -0.019 | 0.009 | 0.000 | -0.253 | -0.295 |
| 2738.00 | -0.012 | -0.019 | 0.009 | 0.000 | -0.253 | -0.295 |
| 2740.00 | -0.019 | -0.019 | 0.009 | 0.000 | -0.253 | -0.295 |



CHM 003 1192

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 5-LT PUMP ZONE: 153 - BOTTOM IN DMW-11

WELL ID: TW-2

SE1000B
Environmental Logger
12/03 08:16

Unit# 03010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 12/01 09:44

| Elapsed Time | Value |
|---|---|
| 0.0000 | -0.00 |
| 2.0000 | -0.01 |
| 4.0000 | -0.00 |
| 6.0000 | -0.00 |
| 8.0000 | -0.00 |
| 10.0000 | -0.00 |
| 12.0000 | -0.00 |
| 14.0000 | -0.00 |
| 16.0000 | -0.00 |
| 18.0000 | -0.00 |
| 20.0000 | -0.01 |
| 22.0000 | -0.01 |
| 24.0000 | -0.01 |
| 26.0000 | -0.01 |
| 28.0000 | -0.00 |
| 30.0000 | -0.00 |
| 32.0000 | -0.01 |
| 34.0000 | -0.00 |
| 36.0000 | -0.00 |
| 38.0000 | 0.00 |
| 40.0000 | 0.00 |
| 42.0000 | 0.00 |
| 44.0000 | 0.01 |
| 46.0000 | 0.00 |
| 48.0000 | 0.01 |
| 50.0000 | 0.00 |
| 52.0000 | 0.01 |
| 54.0000 | 0.01 |
| 56.0000 | 0.01 |
| 58.0000 | 0.01 |
| 60.0000 | 0.02 |
| 62.0000 | 0.02 |
| 64.0000 | 0.02 |
| 66.0000 | 0.01 |
| 68.0000 | 0.01 |



CHM 003 1193

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.01 |
| 72.0000 | 0.01 |
| 74.0000 | 0.01 |
| 76.0000 | 0.01 |
| 78.0000 | 0.01 |
| 80.0000 | 0.00 |
| 82.0000 | 0.00 |
| 84.0000 | 0.00 |
| 86.0000 | 0.00 |
| 88.0000 | 0.01 |
| 90.0000 | 0.00 |
| 92.0000 | 0.00 |
| 94.0000 | 0.00 |
| 96.0000 | 0.00 |
| 98.0000 | 0.00 |
| 100.000 | 0.00 |
| 102.000 | 0.00 |
| 104.000 | 0.00 |
| 106.000 | 0.00 |
| 108.000 | 0.00 |
| 110.000 | 0.00 |
| 112.000 | 0.00 |
| 114.000 | -0.00 |
| 116.000 | -0.00 |
| 118.000 | -0.00 |
| 120.000 | -0.00 |
| 122.000 | -0.00 |
| 124.000 | -0.00 |
| 126.000 | -0.00 |
| 128.000 | -0.00 |
| 130.000 | -0.00 |
| 132.000 | -0.00 |
| 134.000 | 0.00 |
| 136.000 | 0.00 |
| 138.000 | 0.00 |
| 140.000 | -0.00 |
| 142.000 | -0.01 |
| 144.000 | -0.01 |
| 146.000 | -0.02 |
| 148.000 | -0.02 |
| 150.000 | -0.03 |
| 152.000 | -0.03 |
| 154.000 | -0.03 |
| 156.000 | -0.04 |
| 158.000 | -0.04 |
| 160.000 | -0.04 |
| 162.000 | -0.04 |
| 164.000 | -0.04 |
| 166.000 | -0.04 |
| 168.000 | -0.03 |
| 170.000 | -0.03 |
| 172.000 | -0.03 |
| 174.000 | -0.03 |
| 176.000 | -0.03 |



CHM 003 1194

| Elapsed Time | Value |
|---|---|
| 178.000 | -0.03 |
| 180.000 | -0.03 |
| 182.000 | -0.03 |
| 184.000 | -0.03 |
| 186.000 | -0.03 |
| 188.000 | -0.04 |
| 190.000 | -0.04 |
| 192.000 | -0.05 |
| 194.000 | -0.05 |
| 196.000 | -0.05 |
| 198.000 | -0.05 |
| 200.000 | -0.05 |
| 202.000 | -0.05 |
| 204.000 | -0.05 |
| 206.000 | -0.05 |
| 208.000 | -0.05 |
| 210.000 | -0.05 |
| 212.000 | -0.05 |
| 214.000 | -0.04 |
| 216.000 | -0.05 |
| 218.000 | -0.04 |
| 220.000 | -0.04 |
| 222.000 | -0.04 |
| 224.000 | -0.03 |
| 226.000 | -0.03 |
| 228.000 | -0.02 |
| 230.000 | -0.02 |
| 232.000 | -0.03 |
| 234.000 | -0.03 |
| 236.000 | -0.03 |
| 238.000 | -0.01 |
| 240.000 | -0.01 |
| 242.000 | -0.01 |
| 244.000 | -0.00 |
| 246.000 | -0.00 |
| 248.000 | -0.00 |
| 250.000 | -0.00 |
| 252.000 | 0.00 |
| 254.000 | 0.00 |
| 256.000 | 0.00 |
| 258.000 | -0.00 |
| 260.000 | 0.00 |
| 262.000 | 0.00 |
| 264.000 | 0.00 |
| 266.000 | 0.01 |
| 268.000 | 0.01 |
| 270.000 | 0.01 |
| 272.000 | 0.01 |
| 274.000 | 0.01 |
| 276.000 | 0.02 |
| 278.000 | 0.03 |
| 280.000 | 0.02 |
| 282.000 | 0.03 |
| 284.000 | 0.03 |



CHM 003 1195

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.03 |
| 288.000 | 0.03 |
| 290.000 | 0.03 |
| 292.000 | 0.03 |
| 294.000 | 0.03 |
| 296.000 | 0.03 |
| 298.000 | 0.03 |
| 300.000 | 0.03 |
| 302.000 | 0.03 |
| 304.000 | 0.03 |
| 306.000 | 0.03 |
| 308.000 | 0.03 |
| 310.000 | 0.03 |
| 312.000 | 0.04 |
| 314.000 | 0.04 |
| 316.000 | 0.04 |
| 318.000 | 0.05 |
| 320.000 | 0.05 |
| 322.000 | 0.05 |
| 324.000 | 0.05 |
| 326.000 | 0.05 |
| 328.000 | 0.05 |
| 330.000 | 0.05 |
| 332.000 | 0.05 |
| 334.000 | 0.05 |
| 336.000 | 0.05 |
| 338.000 | 0.05 |
| 340.000 | 0.05 |
| 342.000 | 0.05 |
| 344.000 | 0.05 |
| 346.000 | 0.05 |
| 348.000 | 0.05 |
| 350.000 | 0.05 |
| 352.000 | 0.05 |
| 354.000 | 0.05 |
| 356.000 | 0.05 |
| 358.000 | 0.05 |
| 360.000 | 0.06 |
| 362.000 | 0.06 |
| 364.000 | 0.06 |
| 366.000 | 0.06 |
| 368.000 | 0.06 |
| 370.000 | 0.06 |
| 372.000 | 0.06 |
| 374.000 | 0.06 |
| 376.000 | 0.06 |
| 378.000 | 0.06 |
| 380.000 | 0.06 |
| 382.000 | 0.06 |
| 384.000 | 0.06 |
| 386.000 | 0.06 |
| 388.000 | 0.06 |
| 390.000 | 0.06 |
| 392.000 | 0.06 |



CHM 003 1196

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.06 |
| 396.000 | 0.06 |
| 398.000 | 0.06 |
| 400.000 | 0.06 |
| 402.000 | 0.06 |
| 404.000 | 0.06 |
| 406.000 | 0.07 |
| 408.000 | 0.07 |
| 410.000 | 0.07 |
| 412.000 | 0.07 |
| 414.000 | 0.07 |
| 416.000 | 0.07 |
| 418.000 | 0.07 |
| 420.000 | 0.07 |
| 422.000 | 0.07 |
| 424.000 | 0.07 |
| 426.000 | 0.07 |
| 428.000 | 0.07 |
| 430.000 | 0.07 |
| 432.000 | 0.07 |
| 434.000 | 0.07 |
| 436.000 | 0.08 |
| 438.000 | 0.08 |
| 440.000 | 0.08 |
| 442.000 | 0.08 |
| 444.000 | 0.08 |
| 446.000 | 0.09 |
| 448.000 | 0.09 |
| 450.000 | 0.09 |
| 452.000 | 0.09 |
| 454.000 | 0.09 |
| 456.000 | 0.09 |
| 458.000 | 0.09 |
| 460.000 | 0.09 |
| 462.000 | 0.08 |
| 464.000 | 0.09 |
| 466.000 | 0.09 |
| 468.000 | 0.08 |
| 470.000 | 0.08 |
| 472.000 | 0.09 |
| 474.000 | 0.09 |
| 476.000 | 0.09 |
| 478.000 | 0.09 |
| 480.000 | 0.09 |
| 482.000 | 0.10 |
| 484.000 | 0.10 |
| 486.000 | 0.10 |
| 488.000 | 0.10 |
| 490.000 | 0.11 |
| 492.000 | 0.11 |
| 494.000 | 0.11 |
| 496.000 | 0.12 |
| 498.000 | 0.12 |
| 500.000 | 0.12 |



CHM 003 1197

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.12 |
| 504.000 | 0.12 |
| 506.000 | 0.12 |
| 508.000 | 0.12 |
| 510.000 | 0.12 |
| 512.000 | 0.12 |
| 514.000 | 0.12 |
| 516.000 | 0.13 |
| 518.000 | 0.13 |
| 520.000 | 0.13 |
| 522.000 | 0.13 |
| 524.000 | 0.13 |
| 526.000 | 0.13 |
| 528.000 | 0.13 |
| 530.000 | 0.13 |
| 532.000 | 0.13 |
| 534.000 | 0.14 |
| 536.000 | 0.15 |
| 538.000 | 0.15 |
| 540.000 | 0.15 |
| 542.000 | 0.15 |
| 544.000 | 0.15 |
| 546.000 | 0.15 |
| 548.000 | 0.15 |
| 550.000 | 0.16 |
| 552.000 | 0.16 |
| 554.000 | 0.17 |
| 556.000 | 0.17 |
| 558.000 | 0.17 |
| 560.000 | 0.17 |
| 562.000 | 0.18 |
| 564.000 | 0.18 |
| 566.000 | 0.18 |
| 568.000 | 0.18 |
| 570.000 | 0.18 |
| 572.000 | 0.18 |
| 574.000 | 0.19 |
| 576.000 | 0.19 |
| 578.000 | 0.20 |
| 580.000 | 0.20 |
| 582.000 | 0.20 |
| 584.000 | 0.21 |
| 586.000 | 0.21 |
| 588.000 | 0.21 |
| 590.000 | 0.22 |
| 592.000 | 0.22 |
| 594.000 | 0.22 |
| 596.000 | 0.22 |
| 598.000 | 0.22 |
| 600.000 | 0.22 |
| 602.000 | 0.22 |
| 604.000 | 0.22 |
| 606.000 | 0.22 |
| 608.000 | 0.21 |



CHM 003 1198

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.21 |
| 612.000 | 0.21 |
| 614.000 | 0.20 |
| 616.000 | 0.21 |
| 618.000 | 0.21 |
| 620.000 | 0.21 |
| 622.000 | 0.21 |
| 624.000 | 0.21 |
| 626.000 | 0.22 |
| 628.000 | 0.22 |
| 630.000 | 0.22 |
| 632.000 | 0.22 |
| 634.000 | 0.22 |
| 636.000 | 0.22 |
| 638.000 | 0.23 |
| 640.000 | 0.22 |
| 642.000 | 0.23 |
| 644.000 | 0.22 |
| 646.000 | 0.22 |
| 648.000 | 0.22 |
| 650.000 | 0.22 |
| 652.000 | 0.23 |
| 654.000 | 0.23 |
| 656.000 | 0.23 |
| 658.000 | 0.23 |
| 660.000 | 0.23 |
| 662.000 | 0.23 |
| 664.000 | 0.23 |
| 666.000 | 0.23 |
| 668.000 | 0.23 |
| 670.000 | 0.23 |
| 672.000 | 0.23 |
| 674.000 | 0.23 |
| 676.000 | 0.23 |
| 678.000 | 0.23 |
| 680.000 | 0.23 |
| 682.000 | 0.24 |
| 684.000 | 0.24 |
| 686.000 | 0.24 |
| 688.000 | 0.24 |
| 690.000 | 0.24 |
| 692.000 | 0.23 |
| 694.000 | 0.23 |
| 696.000 | 0.22 |
| 698.000 | 0.22 |
| 700.000 | 0.22 |
| 702.000 | 0.22 |
| 704.000 | 0.22 |
| 706.000 | 0.22 |
| 708.000 | 0.22 |
| 710.000 | 0.22 |
| 712.000 | 0.22 |
| 714.000 | 0.22 |
| 716.000 | 0.22 |



CHM 003 1199

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.22 |
| 720.000 | 0.22 |
| 722.000 | 0.22 |
| 724.000 | 0.22 |
| 726.000 | 0.22 |
| 728.000 | 0.22 |
| 730.000 | 0.22 |
| 732.000 | 0.22 |
| 734.000 | 0.22 |
| 736.000 | 0.22 |
| 738.000 | 0.22 |
| 740.000 | 0.22 |
| 742.000 | 0.22 |
| 744.000 | 0.22 |
| 746.000 | 0.22 |
| 748.000 | 0.22 |
| 750.000 | 0.22 |
| 752.000 | 0.22 |
| 754.000 | 0.22 |
| 756.000 | 0.22 |
| 758.000 | 0.22 |
| 760.000 | 0.22 |
| 762.000 | 0.22 |
| 764.000 | 0.22 |
| 766.000 | 0.22 |
| 768.000 | 0.22 |
| 770.000 | 0.22 |
| 772.000 | 0.22 |
| 774.000 | 0.22 |
| 776.000 | 0.22 |
| 778.000 | 0.22 |
| 780.000 | 0.22 |
| 782.000 | 0.22 |
| 784.000 | 0.22 |
| 786.000 | 0.22 |
| 788.000 | 0.22 |
| 790.000 | 0.22 |
| 792.000 | 0.22 |
| 794.000 | 0.22 |
| 796.000 | 0.22 |
| 798.000 | 0.22 |
| 800.000 | 0.22 |
| 802.000 | 0.22 |
| 804.000 | 0.22 |
| 806.000 | 0.22 |
| 808.000 | 0.22 |
| 810.000 | 0.22 |
| 812.000 | 0.22 |
| 814.000 | 0.22 |
| 816.000 | 0.23 |
| 818.000 | 0.23 |
| 820.000 | 0.23 |
| 822.000 | 0.23 |
| 824.000 | 0.24 |



CHM 003 1200

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.24 |
| 828.000 | 0.24 |
| 830.000 | 0.24 |
| 832.000 | 0.24 |
| 834.000 | 0.25 |
| 836.000 | 0.25 |
| 838.000 | 0.25 |
| 840.000 | 0.25 |
| 842.000 | 0.25 |
| 844.000 | 0.25 |
| 846.000 | 0.25 |
| 848.000 | 0.25 |
| 850.000 | 0.25 |
| 852.000 | 0.25 |
| 854.000 | 0.25 |
| 856.000 | 0.26 |
| 858.000 | 0.26 |
| 860.000 | 0.26 |
| 862.000 | 0.26 |
| 864.000 | 0.26 |
| 866.000 | 0.26 |
| 868.000 | 0.26 |
| 870.000 | 0.26 |
| 872.000 | 0.26 |
| 874.000 | 0.27 |
| 876.000 | 0.27 |
| 878.000 | 0.27 |
| 880.000 | 0.27 |
| 882.000 | 0.27 |
| 884.000 | 0.27 |
| 886.000 | 0.27 |
| 888.000 | 0.27 |
| 890.000 | 0.27 |
| 892.000 | 0.27 |
| 894.000 | 0.27 |
| 896.000 | 0.27 |
| 898.000 | 0.27 |
| 900.000 | 0.27 |
| 902.000 | 0.27 |
| 904.000 | 0.27 |
| 906.000 | 0.27 |
| 908.000 | 0.27 |
| 910.000 | 0.27 |
| 912.000 | 0.27 |
| 914.000 | 0.27 |
| 916.000 | 0.27 |
| 918.000 | 0.27 |
| 920.000 | 0.27 |
| 922.000 | 0.27 |
| 924.000 | 0.27 |
| 926.000 | 0.27 |
| 928.000 | 0.27 |
| 930.000 | 0.27 |
| 932.000 | 0.27 |



CHM 003 1201

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.27 |
| 936.000 | 0.27 |
| 938.000 | 0.27 |
| 940.000 | 0.27 |
| 942.000 | 0.27 |
| 944.000 | 0.27 |
| 946.000 | 0.27 |
| 948.000 | 0.27 |
| 950.000 | 0.27 |
| 952.000 | 0.27 |
| 954.000 | 0.27 |
| 956.000 | 0.27 |
| 958.000 | 0.27 |
| 960.000 | 0.27 |
| 962.000 | 0.27 |
| 964.000 | 0.27 |
| 966.000 | 0.27 |
| 968.000 | 0.27 |
| 970.000 | 0.27 |
| 972.000 | 0.27 |
| 974.000 | 0.27 |
| 976.000 | 0.27 |
| 978.000 | 0.27 |
| 980.000 | 0.27 |
| 982.000 | 0.27 |
| 984.000 | 0.27 |
| 986.000 | 0.27 |
| 988.000 | 0.27 |
| 990.000 | 0.27 |
| 992.000 | 0.27 |
| 994.000 | 0.27 |
| 996.000 | 0.27 |
| 998.000 | 0.27 |
| 1000.00 | 0.27 |
| 1002.00 | 0.27 |
| 1004.00 | 0.27 |
| 1006.00 | 0.27 |
| 1008.00 | 0.27 |
| 1010.00 | 0.27 |
| 1012.00 | 0.27 |
| 1014.00 | 0.27 |
| 1016.00 | 0.27 |
| 1018.00 | 0.27 |
| 1020.00 | 0.27 |
| 1022.00 | 0.27 |
| 1024.00 | 0.27 |
| 1026.00 | 0.27 |
| 1028.00 | 0.27 |
| 1030.00 | 0.27 |
| 1032.00 | 0.27 |
| 1034.00 | 0.27 |
| 1036.00 | 0.27 |
| 1038.00 | 0.27 |
| 1040.00 | 0.26 |



CHM 003 1202

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.26 |
| 1044.00 | 0.26 |
| 1046.00 | 0.26 |
| 1048.00 | 0.26 |
| 1050.00 | 0.26 |
| 1052.00 | 0.26 |
| 1054.00 | 0.26 |
| 1056.00 | 0.25 |
| 1058.00 | 0.25 |
| 1060.00 | 0.25 |
| 1062.00 | 0.25 |
| 1064.00 | 0.25 |
| 1066.00 | 0.25 |
| 1068.00 | 0.25 |
| 1070.00 | 0.26 |
| 1072.00 | 0.26 |
| 1074.00 | 0.26 |
| 1076.00 | 0.26 |
| 1078.00 | 0.25 |
| 1080.00 | 0.25 |
| 1082.00 | 0.25 |
| 1084.00 | 0.25 |
| 1086.00 | 0.25 |
| 1088.00 | 0.25 |
| 1090.00 | 0.25 |
| 1092.00 | 0.25 |
| 1094.00 | 0.25 |
| 1096.00 | 0.25 |
| 1098.00 | 0.25 |
| 1100.00 | 0.25 |
| 1102.00 | 0.25 |
| 1104.00 | 0.24 |
| 1106.00 | 0.24 |
| 1108.00 | 0.24 |
| 1110.00 | 0.24 |
| 1112.00 | 0.24 |
| 1114.00 | 0.24 |
| 1116.00 | 0.24 |
| 1118.00 | 0.24 |
| 1120.00 | 0.24 |
| 1122.00 | 0.24 |
| 1124.00 | 0.24 |
| 1126.00 | 0.24 |
| 1128.00 | 0.24 |
| 1130.00 | 0.24 |
| 1132.00 | 0.24 |
| 1134.00 | 0.24 |
| 1136.00 | 0.24 |
| 1138.00 | 0.24 |
| 1140.00 | 0.24 |
| 1142.00 | 0.24 |
| 1144.00 | 0.24 |
| 1146.00 | 0.23 |
| 1148.00 | 0.23 |



CHM 003 1203

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.23 |
| 1152.00 | 0.23 |
| 1154.00 | 0.23 |
| 1156.00 | 0.23 |
| 1158.00 | 0.22 |
| 1160.00 | 0.22 |
| 1162.00 | 0.23 |
| 1164.00 | 0.23 |
| 1166.00 | 0.23 |
| 1168.00 | 0.23 |
| 1170.00 | 0.23 |
| 1172.00 | 0.23 |
| 1174.00 | 0.23 |
| 1176.00 | 0.23 |
| 1178.00 | 0.22 |
| 1180.00 | 0.22 |
| 1182.00 | 0.22 |
| 1184.00 | 0.22 |
| 1186.00 | 0.22 |
| 1188.00 | 0.22 |
| 1190.00 | 0.22 |
| 1192.00 | 0.22 |
| 1194.00 | 0.22 |
| 1196.00 | 0.22 |
| 1198.00 | 0.22 |
| 1200.00 | 0.22 |
| 1202.00 | 0.22 |
| 1204.00 | 0.22 |
| 1206.00 | 0.22 |
| 1208.00 | 0.21 |
| 1210.00 | 0.22 |
| 1212.00 | 0.22 |
| 1214.00 | 0.22 |
| 1216.00 | 0.22 |
| 1218.00 | 0.22 |
| 1220.00 | 0.22 |
| 1222.00 | 0.22 |
| 1224.00 | 0.22 |
| 1226.00 | 0.22 |
| 1228.00 | 0.22 |
| 1230.00 | 0.22 |
| 1232.00 | 0.22 |
| 1234.00 | 0.22 |
| 1236.00 | 0.22 |
| 1238.00 | 0.21 |
| 1240.00 | 0.22 |
| 1242.00 | 0.22 |
| 1244.00 | 0.22 |
| 1246.00 | 0.22 |
| 1248.00 | 0.22 |
| 1250.00 | 0.22 |
| 1252.00 | 0.21 |
| 1254.00 | 0.21 |
| 1256.00 | 0.22 |

| Elapsed Time | Value |
|---|---|
| 1258.00 | 0.22 |
| 1260.00 | 0.22 |
| 1262.00 | 0.22 |
| 1264.00 | 0.22 |
| 1266.00 | 0.22 |
| 1268.00 | 0.22 |
| 1270.00 | 0.22 |
| 1272.00 | 0.22 |
| 1274.00 | 0.22 |
| 1276.00 | 0.22 |
| 1278.00 | 0.22 |
| 1280.00 | 0.22 |
| 1282.00 | 0.22 |
| 1284.00 | 0.22 |
| 1286.00 | 0.22 |
| 1288.00 | 0.22 |
| 1290.00 | 0.22 |
| 1292.00 | 0.22 |
| 1294.00 | 0.22 |
| 1296.00 | 0.22 |
| 1298.00 | 0.22 |
| 1300.00 | 0.22 |
| 1302.00 | 0.22 |
| 1304.00 | 0.23 |
| 1306.00 | 0.23 |
| 1308.00 | 0.23 |
| 1310.00 | 0.24 |
| 1312.00 | 0.24 |
| 1314.00 | 0.24 |
| 1316.00 | 0.24 |
| 1318.00 | 0.24 |
| 1320.00 | 0.24 |
| 1322.00 | 0.24 |
| 1324.00 | 0.24 |
| 1326.00 | 0.24 |
| 1328.00 | 0.24 |
| 1330.00 | 0.24 |
| 1332.00 | 0.24 |
| 1334.00 | 0.24 |
| 1336.00 | 0.24 |
| 1338.00 | 0.24 |
| 1340.00 | 0.24 |
| 1342.00 | 0.24 |
| 1344.00 | 0.23 |
| 1346.00 | 0.23 |
| 1348.00 | 0.24 |
| 1350.00 | 0.24 |
| 1352.00 | 0.24 |
| 1354.00 | 0.24 |
| 1356.00 | 0.24 |
| 1358.00 | 0.24 |
| 1360.00 | 0.24 |
| 1362.00 | 0.24 |
| 1364.00 | 0.24 |



CHM 003 1205

| Elapsed Time | Value |
|---|---|
| 1366.00 | 0.24 |
| 1368.00 | 0.24 |
| 1370.00 | 0.24 |
| 1372.00 | 0.24 |
| 1374.00 | 0.24 |
| 1376.00 | 0.24 |
| 1378.00 | 0.24 |
| 1380.00 | 0.24 |
| 1382.00 | 0.24 |
| 1384.00 | 0.24 |
| 1386.00 | 0.24 |
| 1388.00 | 0.24 |
| 1390.00 | 0.24 |
| 1392.00 | 0.24 |
| 1394.00 | 0.24 |
| 1396.00 | 0.24 |
| 1398.00 | 0.24 |
| 1400.00 | 0.24 |
| 1402.00 | 0.24 |
| 1404.00 | 0.24 |
| 1406.00 | 0.24 |
| 1408.00 | 0.24 |
| 1410.00 | 0.24 |
| 1412.00 | 0.24 |
| 1414.00 | 0.24 |
| 1416.00 | 0.24 |
| 1418.00 | 0.24 |
| 1420.00 | 0.24 |
| 1422.00 | 0.24 |
| 1424.00 | 0.24 |
| 1426.00 | 0.24 |
| 1428.00 | 0.24 |
| 1430.00 | 0.24 |
| 1432.00 | 0.24 |
| 1434.00 | 0.24 |
| 1436.00 | 0.24 |
| 1438.00 | 0.24 |
| 1440.00 | 0.24 |
| 1442.00 | 0.24 |
| 1444.00 | 0.25 |
| 1446.00 | 0.25 |
| 1448.00 | 0.25 |
| 1450.00 | 0.25 |
| 1452.00 | 0.25 |
| 1454.00 | 0.25 |
| 1456.00 | 0.25 |
| 1458.00 | 0.25 |
| 1460.00 | 0.25 |
| 1462.00 | 0.25 |
| 1464.00 | 0.25 |
| 1466.00 | 0.25 |
| 1468.00 | 0.25 |
| 1470.00 | 0.25 |
| 1472.00 | 0.25 |



CHM 003 1206

| Elapsed Time | Value |
|---|---|
| 1474.00 | 0.25 |
| 1476.00 | 0.25 |
| 1478.00 | 0.25 |
| 1480.00 | 0.25 |
| 1482.00 | 0.25 |
| 1484.00 | 0.25 |
| 1486.00 | 0.25 |
| 1488.00 | 0.25 |
| 1490.00 | 0.25 |
| 1492.00 | 0.25 |
| 1494.00 | 0.25 |
| 1496.00 | 0.25 |
| 1498.00 | 0.25 |
| 1500.00 | 0.25 |
| 1502.00 | 0.25 |
| 1504.00 | 0.25 |
| 1506.00 | 0.25 |
| 1508.00 | 0.25 |
| 1510.00 | 0.25 |
| 1512.00 | 0.25 |
| 1514.00 | 0.25 |
| 1516.00 | 0.25 |
| 1518.00 | 0.25 |
| 1520.00 | 0.25 |
| 1522.00 | 0.25 |
| 1524.00 | 0.25 |
| 1526.00 | 0.25 |
| 1528.00 | 0.25 |
| 1530.00 | 0.25 |
| 1532.00 | 0.25 |
| 1534.00 | 0.25 |
| 1536.00 | 0.25 |
| 1538.00 | 0.26 |
| 1540.00 | 0.26 |
| 1542.00 | 0.26 |
| 1544.00 | 0.27 |
| 1546.00 | 0.26 |
| 1548.00 | 0.27 |
| 1550.00 | 0.27 |
| 1552.00 | 0.26 |
| 1554.00 | 0.27 |
| 1556.00 | 0.26 |
| 1558.00 | 0.26 |
| 1560.00 | 0.27 |
| 1562.00 | 0.27 |
| 1564.00 | 0.27 |
| 1566.00 | 0.25 |
| 1568.00 | 0.25 |
| 1570.00 | 0.25 |
| 1572.00 | 0.24 |
| 1574.00 | 0.24 |
| 1576.00 | 0.23 |
| 1578.00 | 0.22 |
| 1580.00 | 0.22 |



CHM 003 1207

| Elapsed Time | Value |
|---|---|
| 1582.00 | 0.21 |
| 1584.00 | 0.21 |
| 1586.00 | 0.20 |
| 1588.00 | 0.20 |
| 1590.00 | 0.20 |
| 1592.00 | 0.19 |
| 1594.00 | 0.18 |
| 1596.00 | 0.17 |
| 1598.00 | 0.17 |
| 1600.00 | 0.17 |
| 1602.00 | 0.16 |
| 1604.00 | 0.15 |
| 1606.00 | 0.15 |
| 1608.00 | 0.15 |
| 1610.00 | 0.15 |
| 1612.00 | 0.15 |
| 1614.00 | 0.14 |
| 1616.00 | 0.13 |
| 1618.00 | 0.13 |
| 1620.00 | 0.12 |
| 1622.00 | 0.12 |
| 1624.00 | 0.12 |
| 1626.00 | 0.11 |
| 1628.00 | 0.12 |
| 1630.00 | 0.10 |
| 1632.00 | 0.10 |
| 1634.00 | 0.10 |
| 1636.00 | 0.09 |
| 1638.00 | 0.10 |
| 1640.00 | 0.10 |
| 1642.00 | 0.10 |
| 1644.00 | 0.10 |
| 1646.00 | 0.10 |
| 1648.00 | 0.10 |
| 1650.00 | 0.11 |
| 1652.00 | 0.12 |
| 1654.00 | 0.12 |
| 1656.00 | 0.12 |
| 1658.00 | 0.12 |
| 1660.00 | 0.12 |
| 1662.00 | 0.12 |
| 1664.00 | 0.12 |
| 1666.00 | 0.12 |
| 1668.00 | 0.13 |
| 1670.00 | 0.13 |
| 1672.00 | 0.12 |
| 1674.00 | 0.12 |
| 1676.00 | 0.12 |
| 1678.00 | 0.12 |
| 1680.00 | 0.12 |
| 1682.00 | 0.12 |
| 1684.00 | 0.11 |
| 1686.00 | 0.11 |
| 1688.00 | 0.11 |



CHM 003 1208

| Elapsed Time | Value |
|---|---|
| 1690.00 | 0.11 |
| 1692.00 | 0.11 |
| 1694.00 | 0.10 |
| 1696.00 | 0.11 |
| 1698.00 | 0.12 |
| 1700.00 | 0.12 |
| 1702.00 | 0.13 |
| 1704.00 | 0.13 |
| 1706.00 | 0.13 |
| 1708.00 | 0.14 |
| 1710.00 | 0.14 |
| 1712.00 | 0.14 |
| 1714.00 | 0.15 |
| 1716.00 | 0.14 |
| 1718.00 | 0.14 |
| 1720.00 | 0.14 |
| 1722.00 | 0.13 |
| 1724.00 | 0.13 |
| 1726.00 | 0.13 |
| 1728.00 | 0.12 |
| 1730.00 | 0.12 |
| 1732.00 | 0.12 |
| 1734.00 | 0.12 |
| 1736.00 | 0.12 |
| 1738.00 | 0.12 |
| 1740.00 | 0.11 |
| 1742.00 | 0.11 |
| 1744.00 | 0.11 |
| 1746.00 | 0.10 |
| 1748.00 | 0.10 |
| 1750.00 | 0.10 |
| 1752.00 | 0.09 |
| 1754.00 | 0.09 |
| 1756.00 | 0.08 |
| 1758.00 | 0.08 |
| 1760.00 | 0.08 |
| 1762.00 | 0.08 |
| 1764.00 | 0.08 |
| 1766.00 | 0.08 |
| 1768.00 | 0.08 |
| 1770.00 | 0.08 |
| 1772.00 | 0.07 |
| 1774.00 | 0.07 |
| 1776.00 | 0.07 |
| 1778.00 | 0.07 |
| 1780.00 | 0.06 |
| 1782.00 | 0.06 |
| 1784.00 | 0.06 |
| 1786.00 | 0.06 |
| 1788.00 | 0.06 |
| 1790.00 | 0.06 |
| 1792.00 | 0.05 |
| 1794.00 | 0.05 |
| 1796.00 | 0.05 |



CHM 003 1209

| Elapsed Time | Value |
|---|---|
| 1798.00 | 0.05 |
| 1800.00 | 0.05 |
| 1802.00 | 0.05 |
| 1804.00 | 0.04 |
| 1806.00 | 0.04 |
| 1808.00 | 0.04 |
| 1810.00 | 0.04 |
| 1812.00 | 0.03 |
| 1814.00 | 0.03 |
| 1816.00 | 0.03 |
| 1818.00 | 0.03 |
| 1820.00 | 0.03 |
| 1822.00 | 0.03 |
| 1824.00 | 0.02 |
| 1826.00 | 0.02 |
| 1828.00 | 0.02 |
| 1830.00 | 0.02 |
| 1832.00 | 0.02 |
| 1834.00 | 0.02 |
| 1836.00 | 0.02 |
| 1838.00 | 0.02 |
| 1840.00 | 0.02 |
| 1842.00 | 0.02 |
| 1844.00 | 0.02 |
| 1846.00 | 0.02 |
| 1848.00 | 0.01 |
| 1850.00 | 0.01 |
| 1852.00 | 0.01 |
| 1854.00 | 0.01 |
| 1856.00 | 0.01 |
| 1858.00 | 0.01 |
| 1860.00 | 0.01 |
| 1862.00 | 0.01 |
| 1864.00 | 0.01 |
| 1866.00 | 0.01 |
| 1868.00 | 0.00 |
| 1870.00 | 0.00 |
| 1872.00 | 0.00 |
| 1874.00 | 0.00 |
| 1876.00 | 0.00 |
| 1878.00 | 0.00 |
| 1880.00 | 0.00 |
| 1882.00 | 0.00 |
| 1884.00 | 0.00 |
| 1886.00 | 0.00 |
| 1888.00 | 0.00 |
| 1890.00 | 0.00 |
| 1892.00 | 0.00 |
| 1894.00 | 0.00 |
| 1896.00 | 0.00 |
| 1898.00 | 0.00 |
| 1900.00 | 0.00 |
| 1902.00 | -0.00 |
| 1904.00 | -0.00 |



CHM 003 1210

| Elapsed Time | Value |
|---|---|
| 1906.00 | -0.00 |
| 1908.00 | -0.00 |
| 1910.00 | -0.01 |
| 1912.00 | -0.01 |
| 1914.00 | -0.01 |
| 1916.00 | -0.01 |
| 1918.00 | -0.01 |
| 1920.00 | -0.01 |
| 1922.00 | -0.01 |
| 1924.00 | -0.02 |
| 1926.00 | -0.02 |
| 1928.00 | -0.03 |
| 1930.00 | -0.02 |
| 1932.00 | -0.02 |
| 1934.00 | -0.02 |
| 1936.00 | -0.02 |
| 1938.00 | -0.02 |
| 1940.00 | -0.02 |
| 1942.00 | -0.03 |
| 1944.00 | -0.03 |
| 1946.00 | -0.03 |
| 1948.00 | -0.03 |
| 1950.00 | -0.03 |
| 1952.00 | -0.03 |
| 1954.00 | -0.03 |
| 1956.00 | -0.03 |
| 1958.00 | -0.03 |
| 1960.00 | -0.03 |
| 1962.00 | -0.03 |
| 1964.00 | -0.04 |
| 1966.00 | -0.04 |
| 1968.00 | -0.04 |
| 1970.00 | -0.04 |
| 1972.00 | -0.05 |
| 1974.00 | -0.05 |
| 1976.00 | -0.05 |
| 1978.00 | -0.05 |
| 1980.00 | -0.05 |
| 1982.00 | -0.05 |
| 1984.00 | -0.05 |
| 1986.00 | -0.05 |
| 1988.00 | -0.05 |
| 1990.00 | -0.05 |
| 1992.00 | -0.05 |
| 1994.00 | -0.05 |
| 1996.00 | -0.05 |
| 1998.00 | -0.05 |
| 2000.00 | -0.05 |
| 2002.00 | -0.05 |
| 2004.00 | -0.06 |
| 2006.00 | -0.06 |
| 2008.00 | -0.06 |
| 2010.00 | -0.06 |
| 2012.00 | -0.06 |



CHM 003 1211

| Elapsed Time | Value |
|---|---|
| 2014.00 | -0.06 |
| 2016.00 | -0.06 |
| 2018.00 | -0.06 |
| 2020.00 | -0.06 |
| 2022.00 | -0.06 |
| 2024.00 | -0.06 |
| 2026.00 | -0.06 |
| 2028.00 | -0.06 |
| 2030.00 | -0.06 |
| 2032.00 | -0.06 |
| 2034.00 | -0.06 |
| 2036.00 | -0.06 |
| 2038.00 | -0.06 |
| 2040.00 | -0.06 |
| 2042.00 | -0.06 |
| 2044.00 | -0.06 |
| 2046.00 | -0.06 |
| 2048.00 | -0.06 |
| 2050.00 | -0.07 |
| 2052.00 | -0.07 |
| 2054.00 | -0.07 |
| 2056.00 | -0.07 |
| 2058.00 | -0.07 |
| 2060.00 | -0.07 |
| 2062.00 | -0.08 |
| 2064.00 | -0.08 |
| 2066.00 | -0.08 |
| 2068.00 | -0.08 |
| 2070.00 | -0.08 |
| 2072.00 | -0.08 |
| 2074.00 | -0.08 |
| 2076.00 | -0.08 |
| 2078.00 | -0.08 |
| 2080.00 | -0.08 |
| 2082.00 | -0.08 |
| 2084.00 | -0.08 |
| 2086.00 | -0.08 |
| 2088.00 | -0.08 |
| 2090.00 | -0.08 |
| 2092.00 | -0.08 |
| 2094.00 | -0.08 |
| 2096.00 | -0.08 |
| 2098.00 | -0.08 |
| 2100.00 | -0.09 |
| 2102.00 | -0.08 |
| 2104.00 | -0.09 |
| 2106.00 | -0.09 |
| 2108.00 | -0.09 |
| 2110.00 | -0.09 |
| 2112.00 | -0.10 |
| 2114.00 | -0.10 |
| 2116.00 | -0.10 |
| 2118.00 | -0.10 |
| 2120.00 | -0.10 |



CHM 003 1212

| Elapsed Time | Value |
|---|---|
| 2122.00 | -0.09 |
| 2124.00 | -0.09 |
| 2126.00 | -0.09 |
| 2128.00 | -0.09 |
| 2130.00 | -0.08 |
| 2132.00 | -0.09 |
| 2134.00 | -0.09 |
| 2136.00 | -0.09 |
| 2138.00 | -0.09 |
| 2140.00 | -0.10 |
| 2142.00 | -0.10 |
| 2144.00 | -0.10 |
| 2146.00 | -0.10 |
| 2148.00 | -0.10 |
| 2150.00 | -0.10 |
| 2152.00 | -0.10 |
| 2154.00 | -0.10 |
| 2156.00 | -0.10 |
| 2158.00 | -0.11 |
| 2160.00 | -0.11 |
| 2162.00 | -0.11 |
| 2164.00 | -0.11 |
| 2166.00 | -0.11 |
| 2168.00 | -0.11 |
| 2170.00 | -0.10 |
| 2172.00 | -0.10 |
| 2174.00 | -0.10 |
| 2176.00 | -0.10 |
| 2178.00 | -0.10 |
| 2180.00 | -0.10 |
| 2182.00 | -0.10 |
| 2184.00 | -0.10 |
| 2186.00 | -0.10 |
| 2188.00 | -0.10 |
| 2190.00 | -0.10 |
| 2192.00 | -0.10 |
| 2194.00 | -0.10 |
| 2196.00 | -0.11 |
| 2198.00 | -0.10 |
| 2200.00 | -0.10 |
| 2202.00 | -0.10 |
| 2204.00 | -0.10 |
| 2206.00 | -0.10 |
| 2208.00 | -0.10 |
| 2210.00 | -0.10 |
| 2212.00 | -0.10 |
| 2214.00 | -0.10 |
| 2216.00 | -0.10 |
| 2218.00 | -0.10 |
| 2220.00 | -0.10 |
| 2222.00 | -0.10 |
| 2224.00 | -0.10 |
| 2226.00 | -0.10 |
| 2228.00 | -0.10 |



CHM 003 1213

| Elapsed Time | Value |
|---|---|
| 2230.00 | -0.10 |
| 2232.00 | -0.10 |
| 2234.00 | -0.10 |
| 2236.00 | -0.10 |
| 2238.00 | -0.10 |
| 2240.00 | -0.11 |
| 2242.00 | -0.11 |
| 2244.00 | -0.11 |
| 2246.00 | -0.11 |
| 2248.00 | -0.11 |
| 2250.00 | -0.12 |
| 2252.00 | -0.12 |
| 2254.00 | -0.12 |
| 2256.00 | -0.12 |
| 2258.00 | -0.12 |
| 2260.00 | -0.12 |
| 2262.00 | -0.12 |
| 2264.00 | -0.12 |
| 2266.00 | -0.12 |
| 2268.00 | -0.12 |
| 2270.00 | -0.12 |
| 2272.00 | -0.12 |
| 2274.00 | -0.12 |
| 2276.00 | -0.12 |
| 2278.00 | -0.12 |
| 2280.00 | -0.12 |
| 2282.00 | -0.12 |
| 2284.00 | -0.12 |
| 2286.00 | -0.12 |
| 2288.00 | -0.12 |
| 2290.00 | -0.12 |
| 2292.00 | -0.12 |
| 2294.00 | -0.12 |
| 2296.00 | -0.12 |
| 2298.00 | -0.12 |
| 2300.00 | -0.12 |
| 2302.00 | -0.13 |
| 2304.00 | -0.13 |
| 2306.00 | -0.13 |
| 2308.00 | -0.13 |
| 2310.00 | -0.13 |
| 2312.00 | -0.13 |
| 2314.00 | -0.13 |
| 2316.00 | -0.13 |
| 2318.00 | -0.13 |
| 2320.00 | -0.13 |
| 2322.00 | -0.13 |
| 2324.00 | -0.13 |
| 2326.00 | -0.13 |
| 2328.00 | -0.13 |
| 2330.00 | -0.13 |
| 2332.00 | -0.13 |
| 2334.00 | -0.13 |
| 2336.00 | -0.13 |



CHM 003 1214

| Elapsed Time | Value |
|---|---|
| 2338.00 | -0.13 |
| 2340.00 | -0.13 |
| 2342.00 | -0.13 |
| 2344.00 | -0.13 |
| 2346.00 | -0.13 |
| 2348.00 | -0.13 |
| 2350.00 | -0.13 |
| 2352.00 | -0.13 |
| 2354.00 | -0.13 |
| 2356.00 | -0.14 |
| 2358.00 | -0.13 |
| 2360.00 | -0.14 |
| 2362.00 | -0.13 |
| 2364.00 | -0.13 |
| 2366.00 | -0.13 |
| 2368.00 | -0.13 |
| 2370.00 | -0.14 |
| 2372.00 | -0.14 |
| 2374.00 | -0.14 |
| 2376.00 | -0.14 |
| 2378.00 | -0.14 |
| 2380.00 | -0.14 |
| 2382.00 | -0.14 |
| 2384.00 | -0.15 |
| 2386.00 | -0.15 |
| 2388.00 | -0.15 |
| 2390.00 | -0.15 |
| 2392.00 | -0.15 |
| 2394.00 | -0.15 |
| 2396.00 | -0.15 |
| 2398.00 | -0.15 |
| 2400.00 | -0.15 |
| 2402.00 | -0.16 |
| 2404.00 | -0.16 |
| 2406.00 | -0.16 |
| 2408.00 | -0.16 |
| 2410.00 | -0.16 |
| 2412.00 | -0.16 |
| 2414.00 | -0.16 |
| 2416.00 | -0.16 |
| 2418.00 | -0.16 |
| 2420.00 | -0.16 |
| 2422.00 | -0.16 |
| 2424.00 | -0.16 |
| 2426.00 | -0.17 |
| 2428.00 | -0.17 |
| 2430.00 | -0.17 |
| 2432.00 | -0.17 |
| 2434.00 | -0.17 |
| 2436.00 | -0.17 |
| 2438.00 | -0.17 |
| 2440.00 | -0.17 |
| 2442.00 | -0.17 |
| 2444.00 | -0.17 |



CHM 003 1215

| Elapsed Time | Value |
|---|---|
| 2446.00 | -0.17 |
| 2448.00 | -0.17 |
| 2450.00 | -0.17 |
| 2452.00 | -0.18 |
| 2454.00 | -0.17 |
| 2456.00 | -0.17 |
| 2458.00 | -0.17 |
| 2460.00 | -0.17 |
| 2462.00 | -0.17 |
| 2464.00 | -0.17 |
| 2466.00 | -0.17 |
| 2468.00 | -0.18 |
| 2470.00 | -0.18 |
| 2472.00 | -0.18 |
| 2474.00 | -0.18 |
| 2476.00 | -0.18 |
| 2478.00 | -0.18 |
| 2480.00 | -0.18 |
| 2482.00 | -0.18 |
| 2484.00 | -0.18 |
| 2486.00 | -0.18 |
| 2488.00 | -0.18 |
| 2490.00 | -0.18 |
| 2492.00 | -0.18 |
| 2494.00 | -0.18 |
| 2496.00 | -0.18 |
| 2498.00 | -0.19 |
| 2500.00 | -0.19 |
| 2502.00 | -0.19 |
| 2504.00 | -0.19 |
| 2506.00 | -0.18 |
| 2508.00 | -0.18 |
| 2510.00 | -0.18 |
| 2512.00 | -0.18 |
| 2514.00 | -0.19 |
| 2516.00 | -0.19 |
| 2518.00 | -0.19 |
| 2520.00 | -0.19 |
| 2522.00 | -0.19 |
| 2524.00 | -0.20 |
| 2526.00 | -0.20 |
| 2528.00 | -0.20 |
| 2530.00 | -0.20 |
| 2532.00 | -0.20 |
| 2534.00 | -0.20 |
| 2536.00 | -0.20 |
| 2538.00 | -0.20 |
| 2540.00 | -0.20 |
| 2542.00 | -0.20 |
| 2544.00 | -0.20 |
| 2546.00 | -0.20 |
| 2548.00 | -0.20 |
| 2550.00 | -0.20 |
| 2552.00 | -0.20 |



CHM 003 1216

| Elapsed Time | Value |
|---|---|
| 2554.00 | -0.20 |
| 2556.00 | -0.20 |
| 2558.00 | -0.20 |
| 2560.00 | -0.20 |
| 2562.00 | -0.20 |
| 2564.00 | -0.20 |
| 2566.00 | -0.21 |
| 2568.00 | -0.21 |
| 2570.00 | -0.21 |
| 2572.00 | -0.21 |
| 2574.00 | -0.21 |
| 2576.00 | -0.22 |
| 2578.00 | -0.22 |
| 2580.00 | -0.22 |
| 2582.00 | -0.22 |
| 2584.00 | -0.22 |
| 2586.00 | -0.22 |
| 2588.00 | -0.22 |
| 2590.00 | -0.22 |
| 2592.00 | -0.22 |
| 2594.00 | -0.22 |
| 2596.00 | -0.22 |
| 2598.00 | -0.22 |
| 2600.00 | -0.22 |
| 2602.00 | -0.22 |
| 2604.00 | -0.22 |
| 2606.00 | -0.22 |
| 2608.00 | -0.22 |
| 2610.00 | -0.22 |
| 2612.00 | -0.22 |
| 2614.00 | -0.22 |
| 2616.00 | -0.23 |
| 2618.00 | -0.23 |
| 2620.00 | -0.23 |
| 2622.00 | -0.23 |
| 2624.00 | -0.23 |
| 2626.00 | -0.23 |
| 2628.00 | -0.23 |
| 2630.00 | -0.23 |
| 2632.00 | -0.23 |
| 2634.00 | -0.23 |
| 2636.00 | -0.23 |
| 2638.00 | -0.23 |
| 2640.00 | -0.23 |
| 2642.00 | -0.23 |
| 2644.00 | -0.23 |
| 2646.00 | -0.23 |
| 2648.00 | -0[illegible] |
| 2650.[illegible] | -0[illegible] |
| 2652.[illegible] | -0.[illegible] |
| 2654.00 | -0.23 |
| 2656.00 | -0.23 |
| 2658.00 | -0.23 |
| 2660.00 | -0.23 |



CHM 003 1217

| Elapsed Time | Value |
|---|---|
| 2662.00 | -0.23 |
| 2664.00 | -0.23 |
| 2666.00 | -0.23 |
| 2668.00 | -0.24 |
| 2670.00 | -0.24 |
| 2672.00 | -0.24 |
| 2674.00 | -0.24 |
| 2676.00 | -0.24 |
| 2678.00 | -0.24 |
| 2680.00 | -0.24 |
| 2682.00 | -0.24 |
| 2684.00 | -0.24 |
| 2686.00 | -0.24 |
| 2688.00 | -0.24 |
| 2690.00 | -0.24 |
| 2692.00 | -0.24 |
| 2694.00 | -0.24 |
| 2696.00 | -0.24 |
| 2698.00 | -0.24 |
| 2700.00 | -0.24 |
| 2702.00 | -0.24 |
| 2704.00 | -0.24 |
| 2706.00 | -0.24 |
| 2708.00 | -0.24 |
| 2710.00 | -0.24 |
| 2712.00 | -0.24 |
| 2714.00 | -0.24 |
| 2716.00 | -0.24 |
| 2718.00 | -0.25 |
| 2720.00 | -0.24 |
| 2722.00 | -0.24 |
| 2724.00 | -0.24 |
| 2726.00 | -0.25 |
| 2728.00 | -0.25 |
| 2730.00 | -0.24 |
| 2732.00 | -0.24 |



CHM 003 1218

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 6 PUMP ZONE: 267' - 287' IN C-2

WELL ID:

SE2000
Environmental Logger
12/06 12:47

Unit# 151 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 |
|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC |
| I.D. | DMW11T6 | C2T6S | C2T6M |
| Reference | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 |
| Linearity | 0.096 | 0.068 | 0.059 |
| Scale factor | 20.030 | 100.007 | 99.908 |
| Offset | -0.001 | -0.138 | -0.084 |
| Delay mSEC | 50.000 | 50.000 | 50.000 |

Step 0 12/06 07:36:01

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 |
|---|---|---|---|
| 0.0000 | -0.006 | 0.000 | 0.000 |
| 1.0000 | 0.000 | 0.000 | -0.031 |
| 2.0000 | 0.000 | 0.000 | -0.031 |
| 3.0000 | 0.000 | 0.000 | -0.031 |
| 4.0000 | 0.000 | 0.000 | -0.031 |
| 5.0000 | 0.000 | 0.000 | -0.031 |
| 6.0000 | 0.000 | 0.000 | -0.031 |
| 7.0000 | 0.000 | 0.000 | -0.031 |
| 8.0000 | 0.006 | 0.000 | 0.000 |
| 9.0000 | 0.006 | 0.000 | -0.031 |
| 10.0000 | 0.006 | 0.000 | 0.000 |
| 11.0000 | 0.006 | 0.000 | -0.031 |
| 12.0000 | -0.063 | -0.884 | -0.883 |
| 13.0000 | -0.235 | -0.852 | -0.852 |
| 14.0000 | -0.152 | -0.284 | -0.189 |
| 15.0000 | -0.082 | -0.126 | 0.536 |
| 16.0000 | -0.044 | -0.094 | 0.599 |
| 17.0000 | -0.031 | -0.063 | 0.599 |
| 18.0000 | -0.025 | -0.063 | 0.599 |
| 19.0000 | -0.019 | -0.063 | 0.631 |
| 20.0000 | -0.012 | -0.031 | 0.631 |
| 21.0000 | -0.006 | -0.031 | 0.631 |
| 22.0000 | -0.006 | -0.063 | 0.631 |
| 23.0000 | -0.006 | -0.031 | 0.631 |
| 24.0000 | -0.006 | -0.031 | 0.631 |
| 25.0000 | 0.000 | -0.031 | 0.631 |
| 26.0000 | -0.006 | -0.031 | 0.631 |
| 27.0000 | 0.000 | -0.031 | 0.631 |



CHM 003 1219

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 |
|---|---|---|---|
| 28.0000 | 0.000 | 0.000 | 0.631 |
| 29.0000 | 0.000 | -0.031 | 0.631 |
| 30.0000 | 0.000 | -0.031 | 0.631 |
| 31.0000 | 0.000 | -0.031 | 0.631 |
| 32.0000 | 0.000 | -0.031 | 0.631 |
| 33.0000 | 0.038 | 1.799 | 93.131 |
| 34.0000 | 0.381 | 2.431 | 104.364 |
| 35.0000 | 0.482 | 1.863 | 56.591 |
| 36.0000 | 0.381 | 0.915 | 47.597 |
| 37.0000 | 0.285 | 0.536 | 44.756 |
| 38.0000 | 0.222 | 0.347 | 6.471 |
| 39.0000 | 0.260 | 0.884 | 69.845 |
| 40.0000 | 0.565 | 3.126 | 86.221 |
| 41.0000 | 0.521 | 1.421 | 98.779 |
| 42.0000 | 0.565 | 3.157 | 132.220 |
| 43.0000 | 0.781 | 4.326 | 133.861 |
| 44.0000 | 0.889 | 4.231 | 105.752 |
| 45.0000 | 0.883 | 3.663 | 107.014 |
| 46.0000 | 0.870 | 3.568 | 110.673 |
| 47.0000 | 0.870 | 3.378 | 110.800 |
| 48.0000 | 0.870 | 3.315 | 116.384 |
| 49.0000 | 0.889 | 3.505 | 113.481 |
| 50.0000 | 0.915 | 3.631 | 123.230 |
| 51.0000 | 0.940 | 3.726 | 123.356 |
| 52.0000 | 0.959 | 3.757 | 123.734 |
| 53.0000 | 0.978 | 3.852 | 124.208 |
| 54.0000 | 0.984 | 3.820 | 124.933 |
| 55.0000 | 0.997 | 3.789 | 124.744 |
| 56.0000 | 1.004 | 3.820 | 124.397 |
| 57.0000 | 1.004 | 3.631 | 115.595 |
| 58.0000 | 0.984 | 3.410 | 113.923 |
| 59.0000 | 0.972 | 3.315 | 115.090 |
| 60.0000 | 0.965 | 3.347 | 113.828 |
| 61.0000 | 0.959 | 3.252 | 113.544 |
| 62.0000 | 0.959 | 3.284 | 112.945 |
| 63.0000 | 0.959 | 3.252 | 114.586 |
| 64.0000 | 0.953 | 3.284 | 114.396 |
| 65.0000 | 0.959 | 3.220 | 115.532 |
| 66.0000 | 0.953 | 3.189 | 114.554 |
| 67.0000 | 0.953 | 3.189 | 114.018 |
| 68.0000 | 0.959 | 3.157 | 115.469 |
| 69.0000 | 0.965 | 3.220 | 115.595 |
| 70.0000 | 0.965 | 3.126 | 115.784 |
| 71.0000 | 0.965 | 3.189 | 116.131 |
| 72.0000 | 0.972 | 3.220 | 116.699 |
| 73.0000 | 0.972 | 3.220 | 115.658 |
| 74.0000 | 0.972 | 3.189 | 116.668 |
| 75.0000 | 0.978 | 3.220 | 116.825 |
| 76.0000 | 0.978 | 3.126 | 117.299 |
| 77.0000 | 0.978 | 3.189 | 116.384 |
| 78.0000 | 0.978 | 3.126 | 115.532 |
| 79.0000 | 0.978 | 3.063 | 116.226 |
| 80.0000 | 0.978 | 3.157 | 116.510 |
| 81.0000 | 0.984 | 3.189 | 116.794 |



CHM 003 1220

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 |
|---|---|---|---|
| 82.0000 | 0.984 | 3.189 | 117.646 |
| 83.0000 | 0.984 | 3.126 | 117.362 |
| 84.0000 | 0.991 | 3.220 | 117.551 |
| 85.0000 | 0.997 | 3.189 | 117.835 |
| 86.0000 | 0.997 | 3.252 | 117.772 |
| 87.0000 | 1.004 | 3.189 | 117.709 |
| 88.0000 | 1.004 | 3.220 | 116.005 |
| 89.0000 | 1.004 | 3.126 | 117.456 |
| 90.0000 | 1.004 | 3.252 | 117.267 |
| 91.0000 | 1.004 | 3.094 | 117.772 |
| 92.0000 | 1.004 | 3.157 | 118.056 |
| 93.0000 | 1.010 | 3.189 | 117.961 |
| 94.0000 | 1.010 | 3.189 | 117.803 |
| 95.0000 | 1.016 | 3.157 | 117.993 |
| 96.0000 | 1.016 | 3.189 | 118.056 |
| 97.0000 | 1.016 | 3.284 | 118.403 |
| 98.0000 | 1.016 | 3.189 | 118.308 |
| 99.0000 | 1.023 | 3.220 | 118.655 |
| 100.000 | 1.016 | 3.189 | 118.214 |
| 101.000 | 1.023 | 3.157 | 118.214 |
| 102.000 | 1.023 | 3.094 | 118.182 |
| 103.000 | 1.023 | 3.157 | 117.803 |
| 104.000 | 1.023 | 3.189 | 117.898 |
| 105.000 | 1.023 | 3.094 | 118.466 |
| 106.000 | 1.029 | 3.189 | 119.002 |
| 107.000 | 1.029 | 3.157 | 119.444 |
| 108.000 | 1.035 | 3.189 | 118.182 |
| 109.000 | 1.029 | 3.189 | 118.497 |
| 110.000 | 1.035 | 3.220 | 118.403 |
| 111.000 | 1.048 | 3.410 | 129.570 |
| 112.000 | 1.073 | 3.568 | 130.107 |
| 113.000 | 1.092 | 3.694 | 133.671 |
| 114.000 | 1.124 | 3.884 | 134.050 |
| 115.000 | 1.169 | 4.199 | 136.069 |
| 116.000 | 1.194 | 4.263 | 134.649 |
| 117.000 | 1.213 | 4.294 | 135.249 |
| 118.000 | 1.226 | 4.326 | 134.839 |
| 119.000 | 1.232 | 4.294 | 131.905 |
| 120.000 | 1.239 | 4.326 | 132.220 |
| 121.000 | 1.239 | 4.263 | 132.031 |
| 122.000 | 1.239 | 4.263 | 129.697 |
| 123.000 | 1.239 | 4.136 | 130.391 |
| 124.000 | 1.239 | 4.168 | 130.517 |
| 125.000 | 1.239 | 4.199 | 130.675 |
| 126.000 | 1.245 | 4.073 | 130.517 |
| 127.000 | 1.245 | 4.199 | 131.432 |
| 128.000 | 1.251 | 4.231 | 131.274 |
| 129.000 | 1.251 | 4.231 | 131.179 |
| 130.000 | 1.251 | 4.168 | 131.053 |
| 131.000 | 1.258 | 4.263 | 131.242 |
| 132.000 | 1.258 | 4.168 | 131.432 |
| 133.000 | 1.251 | 3.978 | 124.870 |
| 134.000 | 1.239 | 3.947 | 124.996 |
| 135.000 | 1.226 | 3.884 | 124.555 |



CHM 003 1221

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 |
|---|---|---|---|
| 136.000 | 1.226 | 3.852 | 123.387 |
| 137.000 | 1.220 | 3.820 | 124.996 |
| 138.000 | 1.213 | 3.726 | 125.627 |
| 139.000 | 1.220 | 4.010 | 143.766 |
| 140.000 | 1.283 | 4.705 | 146.321 |
| 141.000 | 1.340 | 4.926 | 146.447 |
| 142.000 | 1.378 | 5.241 | 145.879 |
| 143.000 | 1.404 | 4.989 | 132.977 |
| 144.000 | 1.385 | 4.768 | 130.012 |
| 145.000 | 1.378 | 4.736 | 136.037 |
| 146.000 | 1.378 | 4.799 | 135.469 |
| 147.000 | 1.385 | 4.768 | 135.974 |
| 148.000 | 1.385 | 4.705 | 134.870 |
| 149.000 | 1.385 | 4.768 | 134.208 |
| 150.000 | 1.385 | 4.768 | 133.924 |
| 151.000 | 1.385 | 4.641 | 134.176 |
| 152.000 | 1.385 | 4.673 | 133.514 |
| 153.000 | 1.385 | 4.610 | 133.671 |
| 154.000 | 1.385 | 4.641 | 133.608 |
| 155.000 | 1.378 | 4.515 | 131.148 |
| 156.000 | 1.378 | 4.547 | 133.861 |
| 157.000 | 1.385 | 4.799 | 143.734 |
| 158.000 | 1.404 | 4.799 | 138.908 |
| 159.000 | 1.417 | 4.831 | 137.425 |
| 160.000 | 1.417 | 4.768 | 136.353 |
| 161.000 | 1.417 | 4.768 | 136.952 |
| 162.000 | 1.417 | 4.768 | 136.006 |
| 163.000 | 1.417 | 4.705 | 132.662 |
| 164.000 | 1.410 | 4.641 | 131.274 |
| 165.000 | 1.397 | 4.515 | 130.107 |
| 166.000 | 1.270 | 2.557 | 2.367 |
| 167.000 | 1.004 | 1.294 | 1.704 |
| 168.000 | 0.807 | 0.915 | 1.452 |
| 169.000 | 0.699 | 0.757 | 1.294 |
| 170.000 | 0.635 | 0.663 | 1.199 |
| 171.000 | 0.584 | 0.599 | 1.136 |
| 172.000 | 0.546 | 0.568 | 1.073 |
| 173.000 | 0.521 | 0.536 | 1.010 |
| 174.000 | 0.495 | 0.505 | 1.010 |
| 175.000 | 0.470 | 0.473 | 0.947 |
| 176.000 | 0.457 | 0.473 | 0.947 |
| 177.000 | 0.438 | 0.442 | 0.915 |
| 178.000 | 0.425 | 0.442 | 0.883 |
| 179.000 | 0.413 | 0.410 | 0.883 |
| 180.000 | 0.381 | 0.410 | 0.852 |
| 181.000 | 0.368 | 0.378 | 0.852 |
| 182.000 | 0.355 | 0.378 | 0.820 |
| 183.000 | 0.349 | 0.378 | 0.820 |
| 184.000 | 0.343 | 0.347 | 0.820 |
| 185.000 | 0.336 | 0.347 | 0.820 |
| 186.000 | 0.324 | 0.347 | 0.789 |
| 187.000 | 0.317 | 0.347 | 0.789 |
| 188.000 | 0.311 | 0.347 | 0.789 |
| 189.000 | 0.305 | 0.347 | 0.789 |



CHM 003 1222

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 |
|---|---|---|---|
| 190.000 | 0.298 | 0.315 | 0.789 |
| 191.000 | 0.298 | 0.315 | 0.789 |
| 192.000 | 0.292 | 0.315 | 0.757 |
| 193.000 | 0.285 | 0.315 | 0.757 |
| 194.000 | 0.279 | 0.315 | 0.757 |
| 195.000 | 0.273 | 0.284 | 0.757 |
| 196.000 | 0.266 | 0.284 | 0.757 |
| 197.000 | 0.260 | 0.284 | 0.726 |
| 198.000 | 0.260 | 0.284 | 0.726 |
| 199.000 | 0.254 | 0.284 | 0.726 |
| 200.000 | 0.254 | 0.284 | 0.726 |
| 201.000 | 0.247 | 0.284 | 0.694 |
| 202.000 | 0.247 | 0.284 | 0.726 |
| 203.000 | 0.241 | 0.252 | 0.726 |
| 204.000 | 0.241 | 0.252 | 0.694 |
| 205.000 | 0.235 | 0.252 | 0.694 |
| 206.000 | 0.235 | 0.252 | 0.694 |
| 207.000 | 0.228 | 0.252 | 0.694 |
| 208.000 | 0.228 | 0.252 | 0.694 |
| 209.000 | 0.222 | 0.252 | 0.694 |
| 210.000 | 0.222 | 0.252 | 0.694 |
| 211.000 | 0.222 | 0.252 | 0.662 |
| 212.000 | 0.216 | 0.252 | 0.694 |
| 213.000 | 0.216 | 0.252 | 0.662 |
| 214.000 | 0.209 | 0.252 | 0.694 |
| 215.000 | 0.216 | 0.252 | 0.662 |
| 216.000 | 0.209 | 0.221 | 0.662 |
| 217.000 | 0.209 | 0.221 | 0.662 |
| 218.000 | 0.209 | 0.252 | 0.662 |
| 219.000 | 0.209 | 0.252 | 0.662 |
| 220.000 | 0.209 | 0.221 | 0.662 |
| 221.000 | 0.203 | 0.221 | 0.662 |
| 222.000 | 0.203 | 0.221 | 0.662 |
| 223.000 | 0.203 | 0.221 | 0.631 |
| 224.000 | 0.203 | 0.221 | 0.662 |
| 225.000 | 0.203 | 0.284 | 0.126 |
| 226.000 | 0.317 | 1.073 | 0.852 |
| 227.000 | 0.425 | 0.978 | 0.757 |
| 228.000 | 0.330 | 0.442 | 0.252 |
| 229.000 | 0.266 | 0.315 | 0.126 |
| 230.000 | 0.241 | 0.252 | 0.063 |
| 231.000 | 0.222 | 0.252 | 0.063 |
| 232.000 | 0.216 | 0.252 | 0.063 |
| 233.000 | 0.209 | 0.252 | 0.063 |
| 234.000 | 0.203 | 0.252 | 0.031 |
| 235.000 | 0.203 | 0.252 | 0.031 |
| 236.000 | 0.197 | 0.221 | 0.031 |
| 237.000 | 0.197 | 0.221 | 0.031 |
| 238.000 | 0.190 | 0.221 | 0.031 |
| 239.000 | 0.190 | 0.221 | 0.000 |
| 240.000 | 0.190 | 0.221 | 0.000 |
| 241.000 | 0.184 | 0.221 | 0.000 |
| 242.000 | 0.184 | 0.221 | 0.000 |
| 243.000 | 0.184 | 0.221 | 0.000 |



CHM 003 1223

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 |
|---|---|---|---|
| 244.000 | 0.184 | 0.221 | 0.000 |
| 245.000 | 0.177 | 0.221 | 0.000 |
| 246.000 | 0.177 | 0.221 | 0.000 |
| 247.000 | 0.177 | 0.221 | 0.000 |
| 248.000 | 0.177 | 0.221 | 0.000 |
| 249.000 | 0.171 | 0.221 | 0.000 |
| 250.000 | 0.171 | 0.221 | 0.000 |
| 251.000 | 0.171 | 0.221 | 0.000 |
| 252.000 | 0.171 | 0.221 | 0.000 |
| 253.000 | 0.165 | 0.189 | 0.000 |
| 254.000 | 0.165 | 0.189 | -0.031 |
| 255.000 | 0.165 | 0.189 | -0.031 |
| 256.000 | 0.165 | 0.221 | -0.031 |
| 257.000 | 0.165 | 0.221 | -0.031 |
| 258.000 | 0.165 | 0.189 | -0.031 |
| 259.000 | 0.158 | 0.189 | 0.000 |
| 260.000 | 0.158 | 0.189 | -0.031 |



CHM 003 1224

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 6 PUMP ZONE: 267' - 287' IN C-2

WELL ID: C-9

SE1000B
Environmental Logger
12/06 15:16

Unit# 03010 Test# 0

INPUT 2: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 29.99 |
| Offset | 0.04 |

Step# 0 12/03 10:01

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.00 |
| 26.0000 | 0.00 |
| 28.0000 | 0.00 |
| 30.0000 | 0.00 |
| 32.0000 | 0.00 |
| 34.0000 | 0.00 |
| 36.0000 | 0.00 |
| 38.0000 | 0.00 |
| 40.0000 | 0.00 |
| 42.0000 | 0.00 |
| 44.0000 | 0.00 |
| 46.0000 | 0.00 |
| 48.0000 | 0.00 |
| 50.0000 | 0.00 |
| 52.0000 | 0.00 |
| 54.0000 | -0.00 |
| 56.0000 | -0.00 |
| 58.0000 | 0.00 |
| 60.0000 | 0.00 |
| 62.0000 | -0.00 |
| 64.0000 | -0.00 |
| 66.0000 | 0.00 |
| 68.0000 | -0.00 |



CHM 003 1225

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.00 |
| 72.0000 | -0.00 |
| 74.0000 | -0.00 |
| 76.0000 | -0.00 |
| 78.0000 | -0.00 |
| 80.0000 | -0.00 |
| 82.0000 | -0.00 |
| 84.0000 | -0.00 |
| 86.0000 | -0.01 |
| 88.0000 | -0.01 |
| 90.0000 | -0.00 |
| 92.0000 | -0.00 |
| 94.0000 | -0.00 |
| 96.0000 | -0.00 |
| 98.0000 | -0.01 |
| 100.000 | -0.01 |
| 102.000 | -0.00 |
| 104.000 | -0.00 |
| 106.000 | -0.00 |
| 108.000 | -0.00 |
| 110.000 | -0.00 |
| 112.000 | -0.00 |
| 114.000 | -0.00 |
| 116.000 | -0.00 |
| 118.000 | -0.00 |
| 120.000 | -0.00 |
| 122.000 | -0.00 |
| 124.000 | -0.00 |
| 126.000 | -0.00 |
| 128.000 | -0.00 |
| 130.000 | -0.00 |
| 132.000 | -0.00 |
| 134.000 | -0.00 |
| 136.000 | -0.00 |
| 138.000 | -0.00 |
| 140.000 | -0.00 |
| 142.000 | 0.00 |
| 144.000 | 0.00 |
| 146.000 | 0.00 |
| 148.000 | 0.00 |
| 150.000 | 0.00 |
| 152.000 | 0.00 |
| 154.000 | 0.00 |
| 156.000 | 0.00 |
| 158.000 | 0.00 |
| 160.000 | 0.00 |
| 162.000 | 0.00 |
| 164.000 | 0.00 |
| 166.000 | 0.00 |
| 168.000 | 0.00 |
| 170.000 | 0.00 |
| 172.000 | 0.00 |
| 174.000 | 0.00 |
| 176.000 | 0.00 |



CHM 003 1226

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.00 |
| 180.000 | 0.00 |
| 182.000 | 0.00 |
| 184.000 | 0.00 |
| 186.000 | 0.00 |
| 188.000 | 0.00 |
| 190.000 | 0.00 |
| 192.000 | 0.00 |
| 194.000 | -0.00 |
| 196.000 | -0.01 |
| 198.000 | -0.00 |
| 200.000 | 0.00 |
| 202.000 | 0.00 |
| 204.000 | 0.00 |
| 206.000 | 0.00 |
| 208.000 | 0.01 |
| 210.000 | 0.02 |
| 212.000 | 0.03 |
| 214.000 | 0.03 |
| 216.000 | 0.03 |
| 218.000 | 0.01 |
| 220.000 | 0.00 |
| 222.000 | 0.00 |
| 224.000 | -0.00 |
| 226.000 | -0.00 |
| 228.000 | 0.00 |
| 230.000 | 0.00 |
| 232.000 | 0.00 |
| 234.000 | 0.00 |
| 236.000 | 0.00 |
| 238.000 | -0.00 |
| 240.000 | -0.01 |
| 242.000 | -0.01 |
| 244.000 | -0.01 |
| 246.000 | -0.00 |
| 248.000 | -0.00 |
| 250.000 | -0.00 |
| 252.000 | 0.00 |
| 254.000 | 0.00 |
| 256.000 | 0.00 |
| 258.000 | 0.00 |
| 260.000 | 0.00 |
| 262.000 | 0.00 |
| 264.000 | 0.00 |
| 266.000 | 0.00 |
| 268.000 | 0.00 |
| 270.000 | 0.00 |
| 272.000 | 0.01 |
| 274.000 | 0.03 |
| 276.000 | 0.04 |
| 278.000 | 0.03 |
| 280.000 | 0.04 |
| 282.000 | 0.05 |
| 284.000 | 0.04 |



CHM 003 1227

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.04 |
| 288.000 | 0.04 |
| 290.000 | 0.04 |
| 292.000 | 0.04 |
| 294.000 | 0.03 |
| 296.000 | 0.04 |
| 298.000 | 0.04 |
| 300.000 | 0.04 |
| 302.000 | 0.04 |
| 304.000 | 0.05 |
| 306.000 | 0.05 |
| 308.000 | 0.05 |
| 310.000 | 0.05 |
| 312.000 | 0.08 |
| 314.000 | 0.07 |
| 316.000 | 0.06 |
| 318.000 | 0.05 |
| 320.000 | 0.05 |
| 322.000 | 0.04 |
| 324.000 | 0.04 |
| 326.000 | 0.03 |
| 328.000 | 0.03 |
| 330.000 | 0.03 |
| 332.000 | 0.03 |
| 334.000 | 0.03 |
| 336.000 | 0.03 |
| 338.000 | 0.02 |
| 340.000 | 0.03 |
| 342.000 | 0.02 |
| 344.000 | 0.02 |
| 346.000 | 0.02 |
| 348.000 | 0.02 |
| 350.000 | 0.02 |
| 352.000 | 0.02 |
| 354.000 | 0.02 |
| 356.000 | 0.02 |
| 358.000 | 0.02 |
| 360.000 | 0.01 |
| 362.000 | 0.01 |
| 364.000 | 0.01 |
| 366.000 | 0.01 |
| 368.000 | 0.01 |
| 370.000 | 0.01 |
| 372.000 | 0.01 |
| 374.000 | 0.01 |
| 376.000 | 0.01 |
| 378.000 | 0.01 |
| 380.000 | 0.01 |
| 382.000 | 0.00 |
| 384.000 | 0.00 |
| 386.000 | 0.01 |
| 388.000 | 0.00 |
| 390.000 | 0.00 |
| 392.000 | 0.01 |



CHM 003 1228

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.01 |
| 396.000 | 0.00 |
| 398.000 | 0.01 |
| 400.000 | 0.00 |
| 402.000 | 0.00 |
| 404.000 | 0.00 |
| 406.000 | 0.00 |
| 408.000 | 0.00 |
| 410.000 | 0.00 |
| 412.000 | 0.00 |
| 414.000 | 0.00 |
| 416.000 | 0.00 |
| 418.000 | 0.00 |
| 420.000 | 0.00 |
| 422.000 | 0.00 |
| 424.000 | 0.00 |
| 426.000 | 0.00 |
| 428.000 | 0.00 |
| 430.000 | 0.00 |
| 432.000 | 0.00 |
| 434.000 | 0.00 |
| 436.000 | 0.00 |
| 438.000 | 0.00 |
| 440.000 | 0.00 |
| 442.000 | 0.00 |
| 444.000 | 0.00 |
| 446.000 | 0.00 |
| 448.000 | 0.00 |
| 450.000 | 0.00 |
| 452.000 | 0.00 |
| 454.000 | 0.00 |
| 456.000 | 0.00 |
| 458.000 | 0.00 |
| 460.000 | 0.00 |
| 462.000 | 0.00 |
| 464.000 | 0.00 |
| 466.000 | 0.00 |
| 468.000 | 0.00 |
| 470.000 | 0.00 |
| 472.000 | 0.00 |
| 474.000 | 0.00 |
| 476.000 | 0.00 |
| 478.000 | 0.00 |
| 480.000 | 0.00 |
| 482.000 | 0.00 |
| 484.000 | 0.00 |
| 486.000 | 0.00 |
| 488.000 | 0.00 |
| 490.000 | 0.00 |
| 492.000 | 0.00 |
| 494.000 | 0.00 |
| 496.000 | 0.00 |
| 498.000 | 0.00 |
| 500.000 | 0.00 |



CHM 003 1229

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.00 |
| 504.000 | 0.00 |
| 506.000 | 0.00 |
| 508.000 | 0.00 |
| 510.000 | 0.00 |
| 512.000 | 0.00 |
| 514.000 | 0.00 |
| 516.000 | 0.00 |
| 518.000 | 0.00 |
| 520.000 | 0.00 |
| 522.000 | 0.00 |
| 524.000 | 0.00 |
| 526.000 | 0.00 |
| 528.000 | 0.00 |
| 530.000 | 0.00 |
| 532.000 | 0.00 |
| 534.000 | 0.00 |
| 536.000 | 0.00 |
| 538.000 | 0.00 |
| 540.000 | 0.00 |
| 542.000 | 0.00 |
| 544.000 | 0.00 |
| 546.000 | 0.00 |
| 548.000 | 0.00 |
| 550.000 | 0.00 |
| 552.000 | 0.00 |
| 554.000 | 0.00 |
| 556.000 | 0.00 |
| 558.000 | 0.00 |
| 560.000 | 0.00 |
| 562.000 | 0.00 |
| 564.000 | 0.00 |
| 566.000 | 0.00 |
| 568.000 | 0.00 |
| 570.000 | 0.00 |
| 572.000 | 0.01 |
| 574.000 | 0.00 |
| 576.000 | 0.00 |
| 578.000 | 0.00 |
| 580.000 | 0.00 |
| 582.000 | 0.00 |
| 584.000 | 0.00 |
| 586.000 | 0.01 |
| 588.000 | 0.01 |
| 590.000 | 0.01 |
| 592.000 | 0.01 |
| 594.000 | 0.01 |
| 596.000 | 0.01 |
| 598.000 | 0.01 |
| 600.000 | 0.01 |
| 602.000 | 0.01 |
| 604.000 | 0.01 |
| 606.000 | 0.01 |
| 608.000 | 0.01 |



CHM 003 1230

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.00 |
| 612.000 | 0.01 |
| 614.000 | 0.00 |
| 616.000 | 0.01 |
| 618.000 | 0.00 |
| 620.000 | 0.01 |
| 622.000 | 0.00 |
| 624.000 | 0.00 |
| 626.000 | 0.00 |
| 628.000 | 0.01 |
| 630.000 | 0.00 |
| 632.000 | 0.00 |
| 634.000 | 0.00 |
| 636.000 | 0.00 |
| 638.000 | 0.00 |
| 640.000 | 0.00 |
| 642.000 | 0.00 |
| 644.000 | 0.01 |
| 646.000 | 0.00 |
| 648.000 | 0.00 |
| 650.000 | 0.01 |
| 652.000 | 0.01 |
| 654.000 | 0.01 |
| 656.000 | 0.01 |
| 658.000 | 0.01 |
| 660.000 | 0.01 |
| 662.000 | 0.01 |
| 664.000 | 0.01 |
| 666.000 | 0.01 |
| 668.000 | 0.01 |
| 670.000 | 0.00 |
| 672.000 | 0.00 |
| 674.000 | 0.01 |
| 676.000 | 0.01 |
| 678.000 | 0.01 |
| 680.000 | 0.01 |
| 682.000 | 0.01 |
| 684.000 | 0.01 |
| 686.000 | 0.01 |
| 688.000 | 0.01 |
| 690.000 | 0.01 |
| 692.000 | 0.01 |
| 694.000 | 0.01 |
| 696.000 | 0.01 |
| 698.000 | 0.01 |
| 700.000 | 0.01 |
| 702.000 | 0.01 |
| 704.000 | 0.01 |
| 706.000 | 0.01 |
| 708.000 | 0.01 |
| 710.000 | 0.01 |
| 712.000 | 0.01 |
| 714.000 | 0.01 |
| 716.000 | 0.01 |



CHM 003 1231

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.01 |
| 720.000 | 0.01 |
| 722.000 | 0.01 |
| 724.000 | 0.01 |
| 726.000 | 0.01 |
| 728.000 | 0.02 |
| 730.000 | 0.01 |
| 732.000 | 0.01 |
| 734.000 | 0.01 |
| 736.000 | 0.01 |
| 738.000 | 0.01 |
| 740.000 | 0.01 |
| 742.000 | 0.01 |
| 744.000 | 0.01 |
| 746.000 | 0.01 |
| 748.000 | 0.01 |
| 750.000 | 0.01 |
| 752.000 | 0.01 |
| 754.000 | 0.02 |
| 756.000 | 0.02 |
| 758.000 | 0.02 |
| 760.000 | 0.02 |
| 762.000 | 0.02 |
| 764.000 | 0.02 |
| 766.000 | 0.02 |
| 768.000 | 0.02 |
| 770.000 | 0.02 |
| 772.000 | 0.02 |
| 774.000 | 0.02 |
| 776.000 | 0.02 |
| 778.000 | 0.02 |
| 780.000 | 0.02 |
| 782.000 | 0.02 |
| 784.000 | 0.02 |
| 786.000 | 0.02 |
| 788.000 | 0.02 |
| 790.000 | 0.02 |
| 792.000 | 0.02 |
| 794.000 | 0.02 |
| 796.000 | 0.02 |
| 798.000 | 0.02 |
| 800.000 | 0.02 |
| 802.000 | 0.02 |
| 804.000 | 0.02 |
| 806.000 | 0.02 |
| 808.000 | 0.02 |
| 810.000 | 0.02 |
| 812.000 | 0.02 |
| 814.000 | 0.02 |
| 816.000 | 0.02 |
| 818.000 | 0.02 |
| 820.000 | 0.02 |
| 822.000 | 0.02 |
| 824.000 | 0.02 |



CHM 003 1232

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.02 |
| 828.000 | 0.02 |
| 830.000 | 0.02 |
| 832.000 | 0.03 |
| 834.000 | 0.02 |
| 836.000 | 0.02 |
| 838.000 | 0.03 |
| 840.000 | 0.03 |
| 842.000 | 0.03 |
| 844.000 | 0.03 |
| 846.000 | 0.03 |
| 848.000 | 0.03 |
| 850.000 | 0.03 |
| 852.000 | 0.03 |
| 854.000 | 0.03 |
| 856.000 | 0.03 |
| 858.000 | 0.03 |
| 860.000 | 0.03 |
| 862.000 | 0.02 |
| 864.000 | 0.02 |
| 866.000 | 0.03 |
| 868.000 | 0.02 |
| 870.000 | 0.03 |
| 872.000 | 0.03 |
| 874.000 | 0.02 |
| 876.000 | 0.02 |
| 878.000 | 0.02 |
| 880.000 | 0.02 |
| 882.000 | 0.02 |
| 884.000 | 0.02 |
| 886.000 | 0.02 |
| 888.000 | 0.03 |
| 890.000 | 0.03 |
| 892.000 | 0.02 |
| 894.000 | 0.03 |
| 896.000 | 0.02 |
| 898.000 | 0.03 |
| 900.000 | 0.02 |
| 902.000 | 0.02 |
| 904.000 | 0.02 |
| 906.000 | 0.02 |
| 908.000 | 0.03 |
| 910.000 | 0.03 |
| 912.000 | 0.03 |
| 914.000 | 0.03 |
| 916.000 | 0.02 |
| 918.000 | 0.02 |
| 920.000 | 0.03 |
| 922.000 | 0.03 |
| 924.000 | 0.02 |
| 926.000 | 0.02 |
| 928.000 | 0.02 |
| 930.000 | 0.03 |
| 932.000 | 0.03 |



CHM 003 1233

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.03 |
| 936.000 | 0.03 |
| 938.000 | 0.03 |
| 940.000 | 0.03 |
| 942.000 | 0.03 |
| 944.000 | 0.03 |
| 946.000 | 0.03 |
| 948.000 | 0.03 |
| 950.000 | 0.03 |
| 952.000 | 0.03 |
| 954.000 | 0.03 |
| 956.000 | 0.03 |
| 958.000 | 0.03 |
| 960.000 | 0.03 |
| 962.000 | 0.03 |
| 964.000 | 0.03 |
| 966.000 | 0.03 |
| 968.000 | 0.03 |
| 970.000 | 0.03 |
| 972.000 | 0.03 |
| 974.000 | 0.03 |
| 976.000 | 0.03 |
| 978.000 | 0.03 |
| 980.000 | 0.03 |
| 982.000 | 0.03 |
| 984.000 | 0.03 |
| 986.000 | 0.03 |
| 988.000 | 0.03 |
| 990.000 | 0.03 |
| 992.000 | 0.03 |
| 994.000 | 0.03 |
| 996.000 | 0.03 |
| 998.000 | 0.03 |
| 1000.00 | 0.03 |
| 1002.00 | 0.03 |
| 1004.00 | 0.03 |
| 1006.00 | 0.02 |
| 1008.00 | 0.03 |
| 1010.00 | 0.02 |
| 1012.00 | 0.02 |
| 1014.00 | 0.02 |
| 1016.00 | 0.02 |
| 1018.00 | 0.02 |
| 1020.00 | 0.02 |
| 1022.00 | 0.02 |
| 1024.00 | 0.02 |
| 1026.00 | 0.02 |
| 1028.00 | 0.02 |
| 1030.00 | 0.02 |
| 1032.00 | 0.02 |
| 1034.00 | 0.02 |
| 1036.00 | 0.02 |
| 1038.00 | 0.02 |
| 1040.00 | 0.02 |



CHM 003 1234

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.02 |
| 1044.00 | 0.01 |
| 1046.00 | 0.01 |
| 1048.00 | 0.02 |
| 1050.00 | 0.02 |
| 1052.00 | 0.01 |
| 1054.00 | 0.01 |
| 1056.00 | 0.01 |
| 1058.00 | 0.01 |
| 1060.00 | 0.01 |
| 1062.00 | 0.01 |
| 1064.00 | 0.01 |
| 1066.00 | 0.01 |
| 1068.00 | 0.01 |
| 1070.00 | 0.01 |
| 1072.00 | 0.01 |
| 1074.00 | 0.01 |
| 1076.00 | 0.01 |
| 1078.00 | 0.01 |
| 1080.00 | 0.01 |
| 1082.00 | 0.01 |
| 1084.00 | 0.01 |
| 1086.00 | 0.01 |
| 1088.00 | 0.01 |
| 1090.00 | 0.01 |
| 1092.00 | 0.01 |
| 1094.00 | 0.01 |
| 1096.00 | 0.01 |
| 1098.00 | 0.01 |
| 1100.00 | 0.01 |
| 1102.00 | 0.01 |
| 1104.00 | 0.01 |
| 1106.00 | 0.01 |
| 1108.00 | 0.01 |
| 1110.00 | 0.01 |
| 1112.00 | 0.01 |
| 1114.00 | 0.01 |
| 1116.00 | 0.01 |
| 1118.00 | 0.01 |
| 1120.00 | 0.00 |
| 1122.00 | 0.00 |
| 1124.00 | 0.00 |
| 1126.00 | 0.01 |
| 1128.00 | 0.00 |
| 1130.00 | 0.01 |
| 1132.00 | 0.00 |
| 1134.00 | 0.00 |
| 1136.00 | 0.00 |
| 1138.00 | 0.00 |
| 1140.00 | 0.00 |
| 1142.00 | 0.00 |
| 1144.00 | 0.00 |
| 1146.00 | 0.00 |
| 1148.00 | 0.00 |



CHM 003 1235

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.00 |
| 1152.00 | 0.00 |
| 1154.00 | 0.00 |
| 1156.00 | 0.00 |
| 1158.00 | 0.00 |
| 1160.00 | 0.00 |
| 1162.00 | 0.00 |
| 1164.00 | 0.00 |
| 1166.00 | 0.00 |
| 1168.00 | 0.00 |
| 1170.00 | 0.00 |
| 1172.00 | 0.00 |
| 1174.00 | 0.00 |
| 1176.00 | 0.00 |
| 1178.00 | 0.00 |
| 1180.00 | 0.00 |
| 1182.00 | 0.00 |
| 1184.00 | 0.00 |
| 1186.00 | 0.00 |
| 1188.00 | 0.00 |
| 1190.00 | 0.00 |
| 1192.00 | 0.00 |
| 1194.00 | 0.00 |
| 1196.00 | 0.00 |
| 1198.00 | 0.00 |
| 1200.00 | -0.00 |
| 1202.00 | 0.00 |
| 1204.00 | -0.00 |
| 1206.00 | 0.00 |
| 1208.00 | -0.00 |
| 1210.00 | -0.00 |
| 1212.00 | -0.00 |
| 1214.00 | -0.00 |
| 1216.00 | -0.00 |
| 1218.00 | -0.00 |
| 1220.00 | -0.00 |
| 1222.00 | -0.00 |
| 1224.00 | -0.00 |
| 1226.00 | -0.00 |
| 1228.00 | -0.00 |
| 1230.00 | -0.00 |
| 1232.00 | -0.00 |
| 1234.00 | -0.00 |
| 1236.00 | -0.00 |
| 1238.00 | -0.01 |
| 1240.00 | -0.00 |
| 1242.00 | -0.01 |
| 1244.00 | -0.01 |
| 1246.00 | -0.01 |
| 1248.00 | -0.01 |
| 1250.00 | -0.01 |
| 1252.00 | -0.01 |
| 1254.00 | -0.01 |
| 1256.00 | -0.01 |



CHM 003 1236

| Elapsed Time | Value |
|---|---|
| 1258.00 | -0.01 |
| 1260.00 | -0.01 |
| 1262.00 | -0.01 |
| 1264.00 | -0.01 |
| 1266.00 | -0.01 |
| 1268.00 | -0.01 |
| 1270.00 | -0.01 |
| 1272.00 | -0.01 |
| 1274.00 | -0.01 |
| 1276.00 | -0.01 |
| 1278.00 | -0.01 |
| 1280.00 | -0.01 |
| 1282.00 | -0.01 |
| 1284.00 | -0.00 |
| 1286.00 | -0.00 |
| 1288.00 | -0.00 |
| 1290.00 | -0.00 |
| 1292.00 | -0.00 |
| 1294.00 | -0.00 |
| 1296.00 | -0.01 |
| 1298.00 | -0.01 |
| 1300.00 | -0.01 |
| 1302.00 | -0.01 |
| 1304.00 | -0.00 |
| 1306.00 | -0.00 |
| 1308.00 | -0.00 |
| 1310.00 | -0.00 |
| 1312.00 | -0.00 |
| 1314.00 | -0.00 |
| 1316.00 | -0.00 |
| 1318.00 | -0.01 |
| 1320.00 | -0.01 |
| 1322.00 | -0.01 |
| 1324.00 | -0.01 |
| 1326.00 | -0.01 |
| 1328.00 | -0.00 |
| 1330.00 | -0.00 |
| 1332.00 | -0.01 |
| 1334.00 | -0.00 |
| 1336.00 | -0.00 |
| 1338.00 | -0.01 |
| 1340.00 | -0.00 |
| 1342.00 | -0.01 |
| 1344.00 | -0.01 |
| 1346.00 | -0.01 |
| 1348.00 | -0.01 |
| 1350.00 | -0.01 |
| 1352.00 | -0.01 |
| 1354.00 | -0.01 |
| 1356.00 | -0.01 |
| 1358.00 | -0.01 |
| 1360.00 | -0.01 |
| 1362.00 | -0.01 |
| 1364.00 | -0.01 |



CHM 003 1237

| Elapsed Time | Value |
|---|---|
| 1366.00 | -0.01 |
| 1368.00 | -0.01 |
| 1370.00 | -0.01 |
| 1372.00 | -0.01 |
| 1374.00 | -0.01 |
| 1376.00 | -0.01 |
| 1378.00 | -0.01 |
| 1380.00 | -0.01 |
| 1382.00 | -0.01 |
| 1384.00 | -0.01 |
| 1386.00 | -0.01 |
| 1388.00 | -0.01 |
| 1390.00 | -0.01 |
| 1392.00 | -0.00 |
| 1394.00 | -0.00 |
| 1396.00 | -0.00 |
| 1398.00 | -0.00 |
| 1400.00 | 0.00 |
| 1402.00 | 0.00 |
| 1404.00 | 0.00 |
| 1406.00 | 0.00 |
| 1408.00 | 0.00 |
| 1410.00 | 0.00 |
| 1412.00 | 0.00 |
| 1414.00 | 0.00 |
| 1416.00 | 0.00 |
| 1418.00 | 0.00 |
| 1420.00 | 0.00 |
| 1422.00 | 0.00 |
| 1424.00 | 0.00 |
| 1426.00 | 0.00 |
| 1428.00 | 0.00 |
| 1430.00 | 0.00 |
| 1432.00 | 0.00 |
| 1434.00 | 0.00 |
| 1436.00 | 0.00 |
| 1438.00 | 0.00 |
| 1440.00 | 0.00 |
| 1442.00 | 0.00 |
| 1444.00 | 0.00 |
| 1446.00 | 0.00 |
| 1448.00 | 0.00 |
| 1450.00 | 0.00 |
| 1452.00 | 0.00 |
| 1454.00 | 0.00 |
| 1456.00 | 0.00 |
| 1458.00 | 0.00 |
| 1460.00 | 0.00 |
| 1462.00 | 0.00 |
| 1464.00 | 0.00 |
| 1466.00 | 0.00 |
| 1468.00 | 0.00 |
| 1470.00 | 0.00 |
| 1472.00 | 0.00 |



CHM 003 1238

| Elapsed Time | Value |
|---|---|
| 1474.00 | -0.00 |
| 1476.00 | -0.00 |
| 1478.00 | -0.00 |
| 1480.00 | -0.00 |
| 1482.00 | -0.00 |
| 1484.00 | -0.00 |
| 1486.00 | -0.00 |
| 1488.00 | -0.00 |
| 1490.00 | -0.01 |
| 1492.00 | -0.01 |
| 1494.00 | -0.01 |
| 1496.00 | -0.01 |
| 1498.00 | -0.01 |
| 1500.00 | -0.01 |
| 1502.00 | -0.01 |
| 1504.00 | -0.01 |
| 1506.00 | -0.01 |
| 1508.00 | -0.02 |
| 1510.00 | -0.02 |
| 1512.00 | -0.01 |
| 1514.00 | -0.02 |
| 1516.00 | -0.02 |
| 1518.00 | -0.02 |
| 1520.00 | -0.02 |
| 1522.00 | -0.02 |
| 1524.00 | -0.02 |
| 1526.00 | -0.02 |
| 1528.00 | -0.02 |
| 1530.00 | -0.02 |
| 1532.00 | -0.02 |
| 1534.00 | -0.02 |
| 1536.00 | -0.02 |
| 1538.00 | -0.02 |
| 1540.00 | -0.02 |
| 1542.00 | -0.02 |
| 1544.00 | -0.02 |
| 1546.00 | -0.02 |
| 1548.00 | -0.02 |
| 1550.00 | -0.02 |
| 1552.00 | -0.02 |
| 1554.00 | -0.02 |
| 1556.00 | -0.02 |
| 1558.00 | -0.02 |
| 1560.00 | -0.02 |
| 1562.00 | -0.02 |
| 1564.00 | -0.02 |
| 1566.00 | -0.03 |
| 1568.00 | -0.03 |
| 1570.00 | -0.03 |
| 1572.00 | -0.03 |
| 1574.00 | -0.03 |
| 1576.00 | -0.03 |
| 1578.00 | -0.03 |
| 1580.00 | -0.03 |



CHM 003 1239

| Elapsed Time | Value |
|---|---|
| 1582.00 | -0.04 |
| 1584.00 | -0.03 |
| 1586.00 | -0.04 |
| 1588.00 | -0.04 |
| 1590.00 | -0.04 |
| 1592.00 | -0.04 |
| 1594.00 | -0.04 |
| 1596.00 | -0.04 |
| 1598.00 | -0.04 |
| 1600.00 | -0.04 |
| 1602.00 | -0.05 |
| 1604.00 | -0.05 |
| 1606.00 | -0.04 |
| 1608.00 | -0.04 |
| 1610.00 | -0.04 |
| 1612.00 | -0.04 |
| 1614.00 | -0.04 |
| 1616.00 | -0.04 |
| 1618.00 | -0.04 |
| 1620.00 | -0.04 |
| 1622.00 | -0.04 |
| 1624.00 | -0.04 |
| 1626.00 | -0.04 |
| 1628.00 | -0.04 |
| 1630.00 | -0.04 |
| 1632.00 | -0.04 |
| 1634.00 | -0.04 |
| 1636.00 | -0.04 |
| 1638.00 | -0.04 |
| 1640.00 | -0.04 |
| 1642.00 | -0.05 |
| 1644.00 | -0.05 |
| 1646.00 | -0.05 |
| 1648.00 | -0.05 |
| 1650.00 | -0.05 |
| 1652.00 | -0.05 |
| 1654.00 | -0.05 |
| 1656.00 | -0.05 |
| 1658.00 | -0.05 |
| 1660.00 | -0.05 |
| 1662.00 | -0.05 |
| 1664.00 | -0.05 |
| 1666.00 | -0.05 |
| 1668.00 | -0.05 |
| 1670.00 | -0.05 |
| 1672.00 | -0.05 |
| 1674.00 | -0.05 |
| 1676.00 | -0.05 |
| 1678.00 | -0.05 |
| 1680.00 | -0.05 |
| 1682.00 | -0.05 |
| 1684.00 | -0.05 |
| 1686.00 | -0.05 |
| 1688.00 | -0.05 |



CHM 003 1240

| Elapsed Time | Value |
|---|---|
| 1690.00 | -0.06 |
| 1692.00 | -0.06 |
| 1694.00 | -0.06 |
| 1696.00 | -0.06 |
| 1698.00 | -0.06 |
| 1700.00 | -0.06 |
| 1702.00 | -0.06 |
| 1704.00 | -0.06 |
| 1706.00 | -0.06 |
| 1708.00 | -0.06 |
| 1710.00 | -0.06 |
| 1712.00 | -0.06 |
| 1714.00 | -0.06 |
| 1716.00 | -0.06 |
| 1718.00 | -0.06 |
| 1720.00 | -0.06 |
| 1722.00 | -0.06 |
| 1724.00 | -0.06 |
| 1726.00 | -0.06 |
| 1728.00 | -0.06 |
| 1730.00 | -0.07 |
| 1732.00 | -0.07 |
| 1734.00 | -0.07 |
| 1736.00 | -0.07 |
| 1738.00 | -0.07 |
| 1740.00 | -0.07 |
| 1742.00 | -0.07 |
| 1744.00 | -0.07 |
| 1746.00 | -0.07 |
| 1748.00 | -0.07 |
| 1750.00 | -0.07 |
| 1752.00 | -0.07 |
| 1754.00 | -0.07 |
| 1756.00 | -0.07 |
| 1758.00 | -0.07 |
| 1760.00 | -0.07 |
| 1762.00 | -0.07 |
| 1764.00 | -0.07 |
| 1766.00 | -0.07 |
| 1768.00 | -0.07 |
| 1770.00 | -0.07 |
| 1772.00 | -0.07 |
| 1774.00 | -0.08 |
| 1776.00 | -0.08 |
| 1778.00 | -0.08 |
| 1780.00 | -0.08 |
| 1782.00 | -0.08 |
| 1784.00 | -0.08 |
| 1786.00 | -0.08 |
| 1788.00 | -0.08 |
| 1790.00 | -0.08 |
| 1792.00 | -0.08 |
| 1794.00 | -0.08 |
| 1796.00 | -0.08 |



CHM 003 1241

| Elapsed Time | Value |
|---|---|
| 1798.00 | -0.08 |
| 1800.00 | -0.08 |
| 1802.00 | -0.08 |
| 1804.00 | -0.08 |
| 1806.00 | -0.08 |
| 1808.00 | -0.08 |
| 1810.00 | -0.08 |
| 1812.00 | -0.08 |
| 1814.00 | -0.08 |
| 1816.00 | -0.09 |
| 1818.00 | -0.08 |
| 1820.00 | -0.09 |
| 1822.00 | -0.09 |
| 1824.00 | -0.09 |
| 1826.00 | -0.09 |
| 1828.00 | -0.09 |
| 1830.00 | -0.09 |
| 1832.00 | -0.09 |
| 1834.00 | -0.09 |
| 1836.00 | -0.09 |
| 1838.00 | -0.09 |
| 1840.00 | -0.09 |
| 1842.00 | -0.09 |
| 1844.00 | -0.09 |
| 1846.00 | -0.09 |
| 1848.00 | -0.09 |
| 1850.00 | -0.09 |
| 1852.00 | -0.09 |
| 1854.00 | -0.09 |
| 1856.00 | -0.09 |
| 1858.00 | -0.09 |
| 1860.00 | -0.09 |
| 1862.00 | -0.09 |
| 1864.00 | -0.10 |
| 1866.00 | -0.10 |
| 1868.00 | -0.10 |
| 1870.00 | -0.10 |
| 1872.00 | -0.10 |
| 1874.00 | -0.10 |
| 1876.00 | -0.10 |
| 1878.00 | -0.10 |
| 1880.00 | -0.10 |
| 1882.00 | -0.10 |
| 1884.00 | -0.10 |
| 1886.00 | -0.10 |
| 1888.00 | -0.11 |
| 1890.00 | -0.11 |
| 1892.00 | -0.11 |
| 1894.00 | -0.11 |
| 1896.00 | -0.11 |
| 1898.00 | -0.11 |
| 1900.00 | -0.11 |
| 1902.00 | -0.11 |
| 1904.00 | -0.11 |



CHM 003 1242

| Elapsed Time | Value |
|---|---|
| 1906.00 | -0.11 |
| 1908.00 | -0.11 |
| 1910.00 | -0.11 |
| 1912.00 | -0.11 |
| 1914.00 | -0.11 |
| 1916.00 | -0.11 |
| 1918.00 | -0.11 |
| 1920.00 | -0.11 |
| 1922.00 | -0.11 |
| 1924.00 | -0.11 |
| 1926.00 | -0.11 |
| 1928.00 | -0.11 |
| 1930.00 | -0.12 |
| 1932.00 | -0.12 |
| 1934.00 | -0.12 |
| 1936.00 | -0.12 |
| 1938.00 | -0.12 |
| 1940.00 | -0.12 |
| 1942.00 | -0.12 |
| 1944.00 | -0.12 |
| 1946.00 | -0.12 |
| 1948.00 | -0.12 |
| 1950.00 | -0.12 |
| 1952.00 | -0.12 |
| 1954.00 | -0.12 |
| 1956.00 | -0.12 |
| 1958.00 | -0.12 |
| 1960.00 | -0.12 |
| 1962.00 | -0.12 |
| 1964.00 | -0.12 |
| 1966.00 | -0.12 |
| 1968.00 | -0.13 |
| 1970.00 | -0.12 |
| 1972.00 | -0.13 |
| 1974.00 | -0.13 |
| 1976.00 | -0.13 |
| 1978.00 | -0.13 |
| 1980.00 | -0.13 |
| 1982.00 | -0.13 |
| 1984.00 | -0.13 |
| 1986.00 | -0.13 |
| 1988.00 | -0.13 |
| 1990.00 | -0.13 |
| 1992.00 | -0.13 |
| 1994.00 | -0.13 |
| 1996.00 | -0.14 |
| 1998.00 | -0.14 |
| 2000.00 | -0.14 |
| 2002.00 | -0.14 |
| 2004.00 | -0.14 |
| 2006.00 | -0.14 |
| 2008.00 | -0.14 |
| 2010.00 | -0.14 |
| 2012.00 | -0.14 |



CHM 003 1243

| Elapsed Time | Value |
|---|---|
| 2014.00 | -0.14 |
| 2016.00 | -0.14 |
| 2018.00 | -0.15 |
| 2020.00 | -0.15 |
| 2022.00 | -0.15 |
| 2024.00 | -0.15 |
| 2026.00 | -0.15 |
| 2028.00 | -0.15 |
| 2030.00 | -0.15 |
| 2032.00 | -0.15 |
| 2034.00 | -0.15 |
| 2036.00 | -0.15 |
| 2038.00 | -0.15 |
| 2040.00 | -0.15 |
| 2042.00 | -0.15 |
| 2044.00 | -0.15 |
| 2046.00 | -0.16 |
| 2048.00 | -0.15 |
| 2050.00 | -0.16 |
| 2052.00 | -0.16 |
| 2054.00 | -0.16 |
| 2056.00 | -0.15 |
| 2058.00 | -0.16 |
| 2060.00 | -0.16 |
| 2062.00 | -0.16 |
| 2064.00 | -0.16 |
| 2066.00 | -0.16 |
| 2068.00 | -0.16 |
| 2070.00 | -0.16 |
| 2072.00 | -0.16 |
| 2074.00 | -0.16 |
| 2076.00 | -0.16 |
| 2078.00 | -0.16 |
| 2080.00 | -0.17 |
| 2082.00 | -0.17 |
| 2084.00 | -0.16 |
| 2086.00 | -0.17 |
| 2088.00 | -0.17 |
| 2090.00 | -0.17 |
| 2092.00 | -0.17 |
| 2094.00 | -0.17 |
| 2096.00 | -0.17 |
| 2098.00 | -0.17 |
| 2100.00 | -0.17 |
| 2102.00 | -0.17 |
| 2104.00 | -0.17 |
| 2106.00 | -0.17 |
| 2108.00 | -0.17 |
| 2110.00 | -0.17 |
| 2112.00 | -0.17 |
| 2114.00 | -0.17 |
| 2116.00 | -0.17 |
| 2118.00 | -0.17 |
| 2120.00 | -0.17 |



CHM 003 1244

| Elapsed Time | Value |
|---|---|
| 2122.00 | -0.17 |
| 2124.00 | -0.17 |
| 2126.00 | -0.17 |
| 2128.00 | -0.18 |
| 2130.00 | -0.17 |
| 2132.00 | -0.18 |
| 2134.00 | -0.18 |
| 2136.00 | -0.18 |
| 2138.00 | -0.18 |
| 2140.00 | -0.18 |
| 2142.00 | -0.18 |
| 2144.00 | -0.18 |
| 2146.00 | -0.18 |
| 2148.00 | -0.18 |
| 2150.00 | -0.18 |
| 2152.00 | -0.18 |
| 2154.00 | -0.19 |
| 2156.00 | -0.19 |
| 2158.00 | -0.19 |
| 2160.00 | -0.19 |
| 2162.00 | -0.19 |
| 2164.00 | -0.19 |
| 2166.00 | -0.19 |
| 2168.00 | -0.20 |
| 2170.00 | -0.20 |
| 2172.00 | -0.20 |
| 2174.00 | -0.20 |
| 2176.00 | -0.20 |
| 2178.00 | -0.20 |
| 2180.00 | -0.20 |
| 2182.00 | -0.20 |
| 2184.00 | -0.20 |
| 2186.00 | -0.20 |
| 2188.00 | -0.20 |
| 2190.00 | -0.20 |
| 2192.00 | -0.21 |
| 2194.00 | -0.21 |
| 2196.00 | -0.21 |
| 2198.00 | -0.21 |
| 2200.00 | -0.21 |
| 2202.00 | -0.21 |
| 2204.00 | -0.21 |
| 2206.00 | -0.21 |
| 2208.00 | -0.21 |
| 2210.00 | -0.21 |
| 2212.00 | -0.21 |
| 2214.00 | -0.21 |
| 2216.00 | -0.22 |
| 2218.00 | -0.22 |
| 2220.00 | -0.22 |
| 2222.00 | -0.22 |
| 2224.00 | -0.21 |
| 2226.00 | -0.21 |
| 2228.00 | -0.22 |



CHM 003 1245

| Elapsed Time | Value |
|---|---|
| 2230.00 | -0.21 |
| 2232.00 | -0.21 |
| 2234.00 | -0.22 |
| 2236.00 | -0.22 |
| 2238.00 | -0.22 |
| 2240.00 | -0.22 |
| 2242.00 | -0.22 |
| 2244.00 | -0.22 |
| 2246.00 | -0.22 |
| 2248.00 | -0.22 |
| 2250.00 | -0.23 |
| 2252.00 | -0.23 |
| 2254.00 | -0.23 |
| 2256.00 | -0.23 |
| 2258.00 | -0.23 |
| 2260.00 | -0.23 |
| 2262.00 | -0.23 |
| 2264.00 | -0.23 |
| 2266.00 | -0.23 |
| 2268.00 | -0.23 |
| 2270.00 | -0.23 |
| 2272.00 | -0.24 |
| 2274.00 | -0.24 |
| 2276.00 | -0.24 |
| 2278.00 | -0.24 |
| 2280.00 | -0.24 |
| 2282.00 | -0.24 |
| 2284.00 | -0.24 |
| 2286.00 | -0.24 |
| 2288.00 | -0.24 |
| 2290.00 | -0.24 |
| 2292.00 | -0.24 |
| 2294.00 | -0.24 |
| 2296.00 | -0.24 |
| 2298.00 | -0.24 |
| 2300.00 | -0.24 |
| 2302.00 | -0.24 |
| 2304.00 | -0.24 |
| 2306.00 | -0.24 |
| 2308.00 | -0.24 |
| 2310.00 | -0.25 |
| 2312.00 | -0.24 |
| 2314.00 | -0.25 |
| 2316.00 | -0.24 |
| 2318.00 | -0.25 |
| 2320.00 | -0.25 |
| 2322.00 | -0.25 |
| 2324.00 | -0.25 |
| 2326.00 | -0.25 |
| 2328.00 | -0.25 |
| 2330.00 | -0.25 |
| 2332.00 | -0.25 |
| 2334.00 | -0.25 |
| 2336.00 | -0.25 |



CHM 003 1246

| Elapsed Time | Value |
|---|---|
| 2338.00 | -0.25 |
| 2340.00 | -0.25 |
| 2342.00 | -0.26 |
| 2344.00 | -0.26 |
| 2346.00 | -0.26 |
| 2348.00 | -0.26 |
| 2350.00 | -0.26 |
| 2352.00 | -0.26 |
| 2354.00 | -0.26 |
| 2356.00 | -0.27 |
| 2358.00 | -0.26 |
| 2360.00 | -0.27 |
| 2362.00 | -0.27 |
| 2364.00 | -0.27 |
| 2366.00 | -0.27 |
| 2368.00 | -0.27 |
| 2370.00 | -0.27 |
| 2372.00 | -0.28 |
| 2374.00 | -0.28 |
| 2376.00 | -0.28 |
| 2378.00 | -0.28 |
| 2380.00 | -0.28 |
| 2382.00 | -0.28 |
| 2384.00 | -0.28 |
| 2386.00 | -0.28 |
| 2388.00 | -0.28 |
| 2390.00 | -0.28 |
| 2392.00 | -0.28 |
| 2394.00 | -0.28 |
| 2396.00 | -0.29 |
| 2398.00 | -0.29 |
| 2400.00 | -0.29 |
| 2402.00 | -0.29 |
| 2404.00 | -0.29 |
| 2406.00 | -0.29 |
| 2408.00 | -0.29 |
| 2410.00 | -0.29 |
| 2412.00 | -0.30 |
| 2414.00 | -0.29 |
| 2416.00 | -0.30 |
| 2418.00 | -0.30 |
| 2420.00 | -0.30 |
| 2422.00 | -0.31 |
| 2424.00 | -0.30 |
| 2426.00 | -0.31 |
| 2428.00 | -0.31 |
| 2430.00 | -0.31 |
| 2432.00 | -0.31 |
| 2434.00 | -0.31 |
| 2436.00 | -0.31 |
| 2438.00 | -0.31 |
| 2440.00 | -0.32 |
| 2442.00 | -0.32 |
| 2444.00 | -0.32 |



CHM 003 1247

| Elapsed Time | Value |
|---|---|
| 2446.00 | -0.32 |
| 2448.00 | -0.32 |
| 2450.00 | -0.32 |
| 2452.00 | -0.32 |
| 2454.00 | -0.32 |
| 2456.00 | -0.33 |
| 2458.00 | -0.33 |
| 2460.00 | -0.33 |
| 2462.00 | -0.33 |
| 2464.00 | -0.33 |
| 2466.00 | -0.34 |
| 2468.00 | -0.34 |
| 2470.00 | -0.34 |
| 2472.00 | -0.34 |
| 2474.00 | -0.35 |
| 2476.00 | -0.35 |
| 2478.00 | -0.35 |
| 2480.00 | -0.35 |
| 2482.00 | -0.35 |
| 2484.00 | -0.35 |
| 2486.00 | -0.35 |
| 2488.00 | -0.35 |
| 2490.00 | -0.35 |
| 2492.00 | -0.35 |
| 2494.00 | -0.36 |
| 2496.00 | -0.36 |
| 2498.00 | -0.36 |
| 2500.00 | -0.36 |
| 2502.00 | -0.36 |
| 2504.00 | -0.36 |
| 2506.00 | -0.36 |
| 2508.00 | -0.36 |
| 2510.00 | -0.37 |
| 2512.00 | -0.37 |
| 2514.00 | -0.37 |
| 2516.00 | -0.37 |
| 2518.00 | -0.37 |
| 2520.00 | -0.38 |
| 2522.00 | -0.38 |
| 2524.00 | -0.38 |
| 2526.00 | -0.38 |
| 2528.00 | -0.39 |
| 2530.00 | -0.39 |
| 2532.00 | -0.39 |
| 2534.00 | -0.40 |
| 2536.00 | -0.40 |
| 2538.00 | -0.40 |
| 2540.00 | -0.41 |
| 2542.00 | -0.41 |
| 2544.00 | -0.42 |
| 2546.00 | -0.42 |
| 2548.00 | -0.42 |
| 2550.00 | -0.43 |
| 2552.00 | -0.43 |



CHM 003 1248

| Elapsed Time | Value |
|---|---|
| 2554.00 | -0.44 |
| 2556.00 | -0.44 |
| 2558.00 | -0.44 |
| 2560.00 | -0.45 |
| 2562.00 | -0.45 |
| 2564.00 | -0.45 |
| 2566.00 | -0.45 |
| 2568.00 | -0.46 |
| 2570.00 | -0.46 |
| 2572.00 | -0.46 |
| 2574.00 | -0.46 |
| 2576.00 | -0.47 |
| 2578.00 | -0.47 |
| 2580.00 | -0.47 |
| 2582.00 | -0.47 |
| 2584.00 | -0.48 |
| 2586.00 | -0.48 |
| 2588.00 | -0.48 |
| 2590.00 | -0.48 |
| 2592.00 | -0.49 |
| 2594.00 | -0.49 |
| 2596.00 | -0.49 |
| 2598.00 | -0.50 |
| 2600.00 | -0.50 |
| 2602.00 | -0.51 |
| 2604.00 | -0.51 |
| 2606.00 | -0.51 |
| 2608.00 | -0.52 |
| 2610.00 | -0.52 |
| 2612.00 | -0.52 |
| 2614.00 | -0.52 |
| 2616.00 | -0.53 |
| 2618.00 | -0.53 |
| 2620.00 | -0.53 |
| 2622.00 | -0.53 |
| 2624.00 | -0.53 |
| 2626.00 | -0.53 |
| 2628.00 | -0.54 |
| 2630.00 | -0.54 |
| 2632.00 | -0.54 |
| 2634.00 | -0.55 |
| 2636.00 | -0.55 |
| 2638.00 | -0.55 |
| 2640.00 | -0.55 |
| 2642.00 | -0.56 |
| 2644.00 | -0.57 |
| 2646.00 | -0.57 |
| 2648.00 | -0.57 |
| 2650.00 | -0.57 |
| 2652.00 | -0.58 |
| 2654.00 | -0.58 |
| 2656.00 | -0.58 |
| 2658.00 | -0.58 |
| 2660.00 | -0.58 |



CHM 003 1249

| Elapsed Time | Value |
|---|---|
| 2662.00 | -0.59 |
| 2664.00 | -0.59 |
| 2666.00 | -0.59 |
| 2668.00 | -0.60 |
| 2670.00 | -0.60 |
| 2672.00 | -0.60 |
| 2674.00 | -0.60 |
| 2676.00 | -0.60 |
| 2678.00 | -0.60 |
| 2680.00 | -0.60 |
| 2682.00 | -0.60 |
| 2684.00 | -0.61 |
| 2686.00 | -0.61 |
| 2688.00 | -0.61 |
| 2690.00 | -0.62 |
| 2692.00 | -0.62 |
| 2694.00 | -0.62 |
| 2696.00 | -0.63 |
| 2698.00 | -0.63 |
| 2700.00 | -0.63 |
| 2702.00 | -0.63 |
| 2704.00 | -0.64 |
| 2706.00 | -0.64 |
| 2708.00 | -0.64 |
| 2710.00 | -0.64 |
| 2712.00 | -0.65 |
| 2714.00 | -0.65 |
| 2716.00 | -0.65 |
| 2718.00 | -0.65 |
| 2720.00 | -0.65 |
| 2722.00 | -0.66 |
| 2724.00 | -0.66 |
| 2726.00 | -0.66 |
| 2728.00 | -0.66 |
| 2730.00 | -0.66 |
| 2732.00 | -0.66 |
| 2734.00 | -0.66 |
| 2736.00 | -0.66 |
| 2738.00 | -0.66 |
| 2740.00 | -0.66 |
| 2742.00 | -0.67 |
| 2744.00 | -0.67 |
| 2746.00 | -0.67 |
| 2748.00 | -0.67 |
| 2750.00 | -0.67 |
| 2752.00 | -0.68 |
| 2754.00 | -0.68 |
| 2756.00 | -0.68 |
| 2758.00 | -0.68 |
| 2760.00 | -0.68 |
| 2762.00 | -0.69 |
| 2764.00 | -0.69 |
| 2766.00 | -0.69 |
| 2768.00 | -0.69 |



CHM 003 1250

| Elapsed Time | Value |
|---|---|
| 2770.00 | -0.69 |
| 2772.00 | -0.69 |
| 2774.00 | -0.70 |
| 2776.00 | -0.69 |
| 2778.00 | -0.70 |
| 2780.00 | -0.70 |
| 2782.00 | -0.70 |
| 2784.00 | -0.70 |
| 2786.00 | -0.70 |
| 2788.00 | -0.70 |
| 2790.00 | -0.70 |
| 2792.00 | -0.70 |
| 2794.00 | -0.70 |
| 2796.00 | -0.70 |
| 2798.00 | -0.70 |
| 2800.00 | -0.70 |
| 2802.00 | -0.70 |
| 2804.00 | -0.70 |
| 2806.00 | -0.70 |
| 2808.00 | -0.70 |
| 2810.00 | -0.70 |
| 2812.00 | -0.71 |
| 2814.00 | -0.71 |
| 2816.00 | -0.71 |
| 2818.00 | -0.71 |
| 2820.00 | -0.72 |
| 2822.00 | -0.71 |
| 2824.00 | -0.71 |
| 2826.00 | -0.71 |
| 2828.00 | -0.71 |
| 2830.00 | -0.71 |
| 2832.00 | -0.71 |
| 2834.00 | -0.71 |
| 2836.00 | -0.71 |
| 2838.00 | -0.71 |
| 2840.00 | -0.71 |
| 2842.00 | -0.72 |
| 2844.00 | -0.72 |
| 2846.00 | -0.72 |
| 2848.00 | -0.72 |
| 2850.00 | -0.72 |
| 2852.00 | -0.72 |
| 2854.00 | -0.72 |
| 2856.00 | -0.73 |
| 2858.00 | -0.73 |
| 2860.00 | -0.73 |
| 2862.00 | -0.72 |
| 2864.00 | -0.72 |
| 2866.00 | -0.72 |
| 2868.00 | -0.73 |
| 2870.00 | -0.73 |
| 2872.00 | -0.73 |
| 2874.00 | -0.73 |
| 2876.00 | -0.73 |



CHM 003 1251

| Elapsed Time | Value |
|---|---|
| 2878.00 | -0.73 |
| 2880.00 | -0.73 |
| 2882.00 | -0.73 |
| 2884.00 | -0.73 |
| 2886.00 | -0.74 |
| 2888.00 | -0.74 |
| 2890.00 | -0.74 |
| 2892.00 | -0.75 |
| 2894.00 | -0.74 |
| 2896.00 | -0.75 |
| 2898.00 | -0.75 |
| 2900.00 | -0.75 |
| 2902.00 | -0.75 |
| 2904.00 | -0.75 |
| 2906.00 | -0.74 |
| 2908.00 | -0.74 |
| 2910.00 | -0.74 |
| 2912.00 | -0.74 |
| 2914.00 | -0.74 |
| 2916.00 | -0.74 |
| 2918.00 | -0.75 |
| 2920.00 | -0.75 |
| 2922.00 | -0.75 |
| 2924.00 | -0.75 |
| 2926.00 | -0.76 |
| 2928.00 | -0.76 |
| 2930.00 | -0.76 |
| 2932.00 | -0.76 |
| 2934.00 | -0.75 |
| 2936.00 | -0.76 |
| 2938.00 | -0.76 |
| 2940.00 | -0.76 |
| 2942.00 | -0.76 |
| 2944.00 | -0.77 |
| 2946.00 | -0.77 |
| 2948.00 | -0.77 |
| 2950.00 | -0.78 |
| 2952.00 | -0.78 |
| 2954.00 | -0.78 |
| 2956.00 | -0.78 |
| 2958.00 | -0.77 |
| 2960.00 | -0.77 |
| 2962.00 | -0.78 |
| 2964.00 | -0.78 |
| 2966.00 | -0.78 |
| 2968.00 | -0.78 |
| 2970.00 | -0.77 |
| 2972.00 | -0.78 |
| 2974.00 | -0.78 |
| 2976.00 | -0.78 |
| 2978.00 | -0.78 |
| 2980.00 | -0.78 |
| 2982.00 | -0.78 |
| 2984.00 | -0.78 |



CHM 003 1252

| Elapsed Time | Value |
|---|---|
| 2986.00 | -0.79 |
| 2988.00 | -0.79 |
| 2990.00 | -0.79 |
| 2992.00 | -0.79 |
| 2994.00 | -0.79 |
| 2996.00 | -0.79 |
| 2998.00 | -0.79 |
| 3000.00 | -0.79 |
| 3002.00 | -0.79 |
| 3004.00 | -0.80 |
| 3006.00 | -0.79 |
| 3008.00 | -0.79 |
| 3010.00 | -0.79 |
| 3012.00 | -0.79 |
| 3014.00 | -0.79 |
| 3016.00 | -0.79 |
| 3018.00 | -0.79 |
| 3020.00 | -0.79 |
| 3022.00 | -0.79 |
| 3024.00 | -0.80 |
| 3026.00 | -0.79 |
| 3028.00 | -0.80 |
| 3030.00 | -0.80 |
| 3032.00 | -0.80 |
| 3034.00 | -0.81 |
| 3036.00 | -0.80 |
| 3038.00 | -0.80 |
| 3040.00 | -0.81 |
| 3042.00 | -0.81 |
| 3044.00 | -0.81 |
| 3046.00 | -0.81 |
| 3048.00 | -0.81 |
| 3050.00 | -0.81 |
| 3052.00 | -0.81 |
| 3054.00 | -0.81 |
| 3056.00 | -0.82 |
| 3058.00 | -0.82 |
| 3060.00 | -0.81 |
| 3062.00 | -0.82 |
| 3064.00 | -0.81 |
| 3066.00 | -0.82 |
| 3068.00 | -0.82 |
| 3070.00 | -0.81 |
| 3072.00 | -0.81 |
| 3074.00 | -0.82 |
| 3076.00 | -0.82 |
| 3078.00 | -0.81 |
| 3080.00 | -0.82 |
| 3082.00 | -0.82 |
| 3084.00 | -0.82 |
| 3086.00 | -0.82 |
| 3088.00 | -0.82 |
| 3090.00 | -0.81 |
| 3092.00 | -0.82 |



CHM 003 1253

| Elapsed Time | Value |
|---|---|
| 3094.00 | -0.82 |
| 3096.00 | -0.82 |
| 3098.00 | -0.82 |
| 3100.00 | -0.82 |
| 3102.00 | -0.82 |
| 3104.00 | -0.82 |
| 3106.00 | -0.82 |
| 3108.00 | -0.82 |
| 3110.00 | -0.83 |
| 3112.00 | -0.83 |
| 3114.00 | -0.82 |
| 3116.00 | -0.83 |
| 3118.00 | -0.83 |
| 3120.00 | -0.82 |
| 3122.00 | -0.82 |
| 3124.00 | -0.83 |
| 3126.00 | -0.82 |
| 3128.00 | -0.82 |
| 3130.00 | -0.83 |
| 3132.00 | -0.82 |
| 3134.00 | -0.82 |
| 3136.00 | -0.83 |
| 3138.00 | -0.82 |
| 3140.00 | -0.82 |
| 3142.00 | -0.82 |
| 3144.00 | -0.82 |
| 3146.00 | -0.82 |
| 3148.00 | -0.82 |
| 3150.00 | -0.82 |
| 3152.00 | -0.82 |
| 3154.00 | -0.82 |
| 3156.00 | -0.82 |
| 3158.00 | -0.82 |
| 3160.00 | -0.82 |
| 3162.00 | -0.82 |
| 3164.00 | -0.82 |
| 3166.00 | -0.82 |
| 3168.00 | -0.82 |
| 3170.00 | -0.81 |
| 3172.00 | -0.81 |
| 3174.00 | -0.81 |
| 3176.00 | -0.81 |
| 3178.00 | -0.81 |
| 3180.00 | -0.80 |
| 3182.00 | -0.80 |
| 3184.00 | -0.80 |
| 3186.00 | -0.80 |
| 3188.00 | -0.80 |
| 3190.00 | -0.80 |
| 3192.00 | -0.80 |
| 3194.00 | -0.80 |
| 3196.00 | -0.80 |
| 3198.00 | -0.80 |
| 3200.00 | -0.80 |



CHM 003 1254

| Elapsed Time | Value |
|---|---|
| 3202.00 | -0.80 |
| 3204.00 | -0.79 |
| 3206.00 | -0.79 |
| 3208.00 | -0.79 |
| 3210.00 | -0.79 |
| 3212.00 | -0.79 |
| 3214.00 | -0.79 |
| 3216.00 | -0.79 |
| 3218.00 | -0.78 |
| 3220.00 | -0.79 |
| 3222.00 | -0.79 |
| 3224.00 | -0.79 |
| 3226.00 | -0.78 |
| 3228.00 | -0.79 |
| 3230.00 | -0.78 |
| 3232.00 | -0.78 |
| 3234.00 | -0.78 |
| 3236.00 | -0.78 |
| 3238.00 | -0.78 |
| 3240.00 | -0.78 |
| 3242.00 | -0.78 |
| 3244.00 | -0.78 |
| 3246.00 | -0.78 |
| 3248.00 | -0.78 |
| 3250.00 | -0.78 |
| 3252.00 | -0.78 |
| 3254.00 | -0.78 |
| 3256.00 | -0.77 |
| 3258.00 | -0.77 |
| 3260.00 | -0.77 |
| 3262.00 | -0.77 |
| 3264.00 | -0.77 |
| 3266.00 | -0.77 |
| 3268.00 | -0.77 |
| 3270.00 | -0.76 |
| 3272.00 | -0.77 |
| 3274.00 | -0.76 |
| 3276.00 | -0.76 |
| 3278.00 | -0.76 |
| 3280.00 | -0.76 |
| 3282.00 | -0.76 |
| 3284.00 | -0.76 |
| 3286.00 | -0.76 |
| 3288.00 | -0.76 |
| 3290.00 | -0.75 |
| 3292.00 | -0.75 |
| 3294.00 | -0.75 |
| 3296.00 | -0.75 |
| 3298.00 | -0.75 |
| 3300.00 | -0.75 |
| 3302.00 | -0.75 |
| 3304.00 | -0.75 |
| 3306.00 | -0.75 |
| 3308.00 | -0.75 |



CHM 003 1255

| Elapsed Time | Value |
|---|---|
| 3310.00 | -0.75 |
| 3312.00 | -0.75 |
| 3314.00 | -0.75 |
| 3316.00 | -0.75 |
| 3318.00 | -0.75 |
| 3320.00 | -0.74 |
| 3322.00 | -0.74 |
| 3324.00 | -0.74 |
| 3326.00 | -0.74 |
| 3328.00 | -0.74 |
| 3330.00 | -0.74 |
| 3332.00 | -0.74 |
| 3334.00 | -0.74 |
| 3336.00 | -0.74 |
| 3338.00 | -0.74 |
| 3340.00 | -0.74 |
| 3342.00 | -0.74 |
| 3344.00 | -0.74 |
| 3346.00 | -0.73 |
| 3348.00 | -0.73 |
| 3350.00 | -0.73 |
| 3352.00 | -0.73 |
| 3354.00 | -0.73 |
| 3356.00 | -0.73 |
| 3358.00 | -0.73 |
| 3360.00 | -0.73 |
| 3362.00 | -0.73 |
| 3364.00 | -0.73 |
| 3366.00 | -0.73 |
| 3368.00 | -0.73 |
| 3370.00 | -0.73 |
| 3372.00 | -0.72 |
| 3374.00 | -0.73 |
| 3376.00 | -0.72 |
| 3378.00 | -0.72 |
| 3380.00 | -0.72 |
| 3382.00 | -0.73 |
| 3384.00 | -0.72 |
| 3386.00 | -0.72 |
| 3388.00 | -0.72 |
| 3390.00 | -0.72 |
| 3392.00 | -0.72 |
| 3394.00 | -0.72 |
| 3396.00 | -0.72 |
| 3398.00 | -0.72 |
| 3400.00 | -0.72 |
| 3402.00 | -0.72 |
| 3404.00 | -0.72 |
| 3406.00 | -0.72 |
| 3408.00 | -0.72 |
| 3410.00 | -0.72 |
| 3412.00 | -0.73 |
| 3414.00 | -0.72 |
| 3416.00 | -0.72 |



CHM 003 1256

| Elapsed Time | Value |
|---|---|
| 3418.00 | -0.72 |
| 3420.00 | -0.72 |
| 3422.00 | -0.72 |
| 3424.00 | -0.72 |
| 3426.00 | -0.72 |
| 3428.00 | -0.72 |
| 3430.00 | -0.72 |
| 3432.00 | -0.72 |
| 3434.00 | -0.72 |
| 3436.00 | -0.72 |
| 3438.00 | -0.72 |
| 3440.00 | -0.72 |
| 3442.00 | -0.72 |
| 3444.00 | -0.72 |
| 3446.00 | -0.72 |
| 3448.00 | -0.71 |
| 3450.00 | -0.72 |
| 3452.00 | -0.71 |
| 3454.00 | -0.72 |
| 3456.00 | -0.71 |
| 3458.00 | -0.71 |
| 3460.00 | -0.71 |
| 3462.00 | -0.71 |
| 3464.00 | -0.71 |
| 3466.00 | -0.71 |
| 3468.00 | -0.71 |
| 3470.00 | -0.71 |
| 3472.00 | -0.71 |
| 3474.00 | -0.70 |
| 3476.00 | -0.71 |
| 3478.00 | -0.71 |
| 3480.00 | -0.71 |
| 3482.00 | -0.70 |
| 3484.00 | -0.70 |
| 3486.00 | -0.70 |
| 3488.00 | -0.70 |
| 3490.00 | -0.70 |
| 3492.00 | -0.70 |
| 3494.00 | -0.70 |
| 3496.00 | -0.70 |
| 3498.00 | -0.70 |
| 3500.00 | -0.70 |
| 3502.00 | -0.70 |
| 3504.00 | -0.70 |
| 3506.00 | -0.70 |
| 3508.00 | -0.70 |
| 3510.00 | -0.70 |
| 3512.00 | -0.70 |
| 3514.00 | -0.70 |
| 3516.00 | -0.70 |
| 3518.00 | -0.70 |
| 3520.00 | -0.70 |
| 3522.00 | -0.70 |
| 3524.00 | -0.70 |



CHM 003 1257

| Elapsed Time | Value |
|---|---|
| 3526.00 | -0.70 |
| 3528.00 | -0.70 |
| 3530.00 | -0.70 |
| 3532.00 | -0.70 |
| 3534.00 | -0.70 |
| 3536.00 | -0.70 |
| 3538.00 | -0.70 |
| 3540.00 | -0.70 |
| 3542.00 | -0.70 |
| 3544.00 | -0.70 |
| 3546.00 | -0.70 |
| 3548.00 | -0.70 |
| 3550.00 | -0.70 |
| 3552.00 | -0.70 |
| 3554.00 | -0.70 |
| 3556.00 | -0.70 |
| 3558.00 | -0.70 |
| 3560.00 | -0.69 |
| 3562.00 | -0.69 |
| 3564.00 | -0.70 |
| 3566.00 | -0.69 |
| 3568.00 | -0.69 |
| 3570.00 | -0.69 |
| 3572.00 | -0.69 |
| 3574.00 | -0.70 |
| 3576.00 | -0.69 |
| 3578.00 | -0.69 |
| 3580.00 | -0.69 |
| 3582.00 | -0.69 |
| 3584.00 | -0.69 |
| 3586.00 | -0.69 |
| 3588.00 | -0.69 |
| 3590.00 | -0.69 |
| 3592.00 | -0.69 |
| 3594.00 | -0.69 |
| 3596.00 | -0.69 |
| 3598.00 | -0.69 |
| 3600.00 | -0.69 |
| 3602.00 | -0.69 |
| 3604.00 | -0.69 |
| 3606.00 | -0.69 |
| 3608.00 | -0.69 |
| 3610.00 | -0.69 |
| 3612.00 | -0.69 |
| 3614.00 | -0.69 |
| 3616.00 | -0.68 |
| 3618.00 | -0.68 |
| 3620.00 | -0.69 |
| 3622.00 | -0.69 |
| 3624.00 | -0.68 |
| 3626.00 | -0.68 |
| 3628.00 | -0.68 |
| 3630.00 | -0.68 |
| 3632.00 | -0.68 |



CHM 003 1258

| Elapsed Time | Value |
|---|---|
| 3634.00 | -0.68 |
| 3636.00 | -0.68 |
| 3638.00 | -0.68 |
| 3640.00 | -0.68 |
| 3642.00 | -0.68 |
| 3644.00 | -0.68 |
| 3646.00 | -0.68 |
| 3648.00 | -0.68 |
| 3650.00 | -0.68 |
| 3652.00 | -0.68 |
| 3654.00 | -0.68 |
| 3656.00 | -0.68 |
| 3658.00 | -0.67 |
| 3660.00 | -0.67 |
| 3662.00 | -0.67 |
| 3664.00 | -0.67 |
| 3666.00 | -0.68 |
| 3668.00 | -0.67 |
| 3670.00 | -0.67 |
| 3672.00 | -0.67 |
| 3674.00 | -0.68 |
| 3676.00 | -0.67 |
| 3678.00 | -0.68 |
| 3680.00 | -0.68 |
| 3682.00 | -0.68 |
| 3684.00 | -0.68 |
| 3686.00 | -0.68 |
| 3688.00 | -0.67 |
| 3690.00 | -0.68 |
| 3692.00 | -0.68 |
| 3694.00 | -0.68 |
| 3696.00 | -0.67 |
| 3698.00 | -0.67 |
| 3700.00 | -0.67 |
| 3702.00 | -0.67 |
| 3704.00 | -0.67 |
| 3706.00 | -0.67 |
| 3708.00 | -0.67 |
| 3710.00 | -0.67 |
| 3712.00 | -0.67 |
| 3714.00 | -0.67 |
| 3716.00 | -0.67 |
| 3718.00 | -0.67 |
| 3720.00 | -0.67 |
| 3722.00 | -0.67 |
| 3724.00 | -0.67 |
| 3726.00 | -0.67 |
| 3728.00 | -0.67 |
| 3730.00 | -0.67 |
| 3732.00 | -0.67 |
| 3734.00 | -0.67 |
| 3736.00 | -0.67 |
| 3738.00 | -0.67 |
| 3740.00 | -0.67 |



CHM 003 1259

| Elapsed Time | Value |
|---|---|
| 3742.00 | -0.67 |
| 3744.00 | -0.67 |
| 3746.00 | -0.67 |
| 3748.00 | -0.67 |
| 3750.00 | -0.67 |
| 3752.00 | -0.67 |
| 3754.00 | -0.66 |
| 3756.00 | -0.67 |
| 3758.00 | -0.66 |
| 3760.00 | -0.66 |
| 3762.00 | -0.66 |
| 3764.00 | -0.66 |
| 3766.00 | -0.66 |
| 3768.00 | -0.66 |
| 3770.00 | -0.66 |
| 3772.00 | -0.66 |
| 3774.00 | -0.66 |
| 3776.00 | -0.66 |
| 3778.00 | -0.66 |
| 3780.00 | -0.66 |
| 3782.00 | -0.66 |
| 3784.00 | -0.66 |
| 3786.00 | -0.66 |
| 3788.00 | -0.66 |
| 3790.00 | -0.66 |
| 3792.00 | -0.66 |
| 3794.00 | -0.66 |
| 3796.00 | -0.66 |
| 3798.00 | -0.66 |
| 3800.00 | -0.66 |
| 3802.00 | -0.66 |
| 3804.00 | -0.66 |
| 3806.00 | -0.66 |
| 3808.00 | -0.66 |
| 3810.00 | -0.66 |
| 3812.00 | -0.66 |
| 3814.00 | -0.66 |
| 3816.00 | -0.65 |
| 3818.00 | -0.65 |
| 3820.00 | -0.65 |
| 3822.00 | -0.65 |
| 3824.00 | -0.65 |
| 3826.00 | -0.65 |
| 3828.00 | -0.65 |
| 3830.00 | -0.65 |
| 3832.00 | -0.65 |
| 3834.00 | -0.65 |
| 3836.00 | -0.65 |
| 3838.00 | -0.65 |
| 3840.00 | -0.65 |
| 3842.00 | -0.65 |
| 3844.00 | -0.65 |
| 3846.00 | -0.65 |
| 3848.00 | -0.65 |



CHM 003 1260

| Elapsed Time | Value |
|---|---|
| 3850.00 | -0.65 |
| 3852.00 | -0.64 |
| 3854.00 | -0.64 |
| 3856.00 | -0.64 |
| 3858.00 | -0.65 |
| 3860.00 | -0.64 |
| 3862.00 | -0.64 |
| 3864.00 | -0.64 |
| 3866.00 | -0.64 |
| 3868.00 | -0.64 |
| 3870.00 | -0.64 |
| 3872.00 | -0.64 |
| 3874.00 | -0.64 |
| 3876.00 | -0.63 |
| 3878.00 | -0.64 |
| 3880.00 | -0.64 |
| 3882.00 | -0.64 |
| 3884.00 | -0.64 |
| 3886.00 | -0.63 |
| 3888.00 | -0.64 |
| 3890.00 | -0.64 |
| 3892.00 | -0.64 |
| 3894.00 | -0.64 |
| 3896.00 | -0.64 |
| 3898.00 | -0.64 |
| 3900.00 | -0.63 |
| 3902.00 | -0.64 |
| 3904.00 | -0.64 |
| 3906.00 | -0.63 |
| 3908.00 | -0.63 |
| 3910.00 | -0.63 |
| 3912.00 | -0.63 |
| 3914.00 | -0.63 |
| 3916.00 | -0.63 |
| 3918.00 | -0.63 |
| 3920.00 | -0.63 |
| 3922.00 | -0.63 |
| 3924.00 | -0.63 |
| 3926.00 | -0.63 |
| 3928.00 | -0.63 |
| 3930.00 | -0.63 |
| 3932.00 | -0.63 |
| 3934.00 | -0.62 |
| 3936.00 | -0.63 |
| 3938.00 | -0.62 |
| 3940.00 | -0.62 |
| 3942.00 | -0.62 |
| 3944.00 | -0.62 |
| 3946.00 | -0.62 |
| 3948.00 | -0.62 |
| 3950.00 | -0.62 |
| 3952.00 | -0.62 |
| 3954.00 | -0.62 |
| 3956.00 | -0.62 |



CHM 003 1261

| Elapsed Time | Value |
|---|---|
| 3958.00 | -0.63 |
| 3960.00 | -0.62 |
| 3962.00 | -0.62 |
| 3964.00 | -0.62 |
| 3966.00 | -0.62 |
| 3968.00 | -0.62 |
| 3970.00 | -0.63 |
| 3972.00 | -0.63 |
| 3974.00 | -0.63 |
| 3976.00 | -0.63 |
| 3978.00 | -0.63 |
| 3980.00 | -0.63 |
| 3982.00 | -0.63 |
| 3984.00 | -0.63 |
| 3986.00 | -0.62 |
| 3988.00 | -0.63 |
| 3990.00 | -0.62 |
| 3992.00 | -0.62 |
| 3994.00 | -0.62 |
| 3996.00 | -0.62 |
| 3998.00 | -0.62 |
| 4000.00 | -0.62 |
| 4002.00 | -0.62 |
| 4004.00 | -0.62 |
| 4006.00 | -0.62 |
| 4008.00 | -0.62 |
| 4010.00 | -0.62 |
| 4012.00 | -0.62 |
| 4014.00 | -0.62 |
| 4016.00 | -0.62 |
| 4018.00 | -0.62 |
| 4020.00 | -0.62 |
| 4022.00 | -0.62 |
| 4024.00 | -0.62 |
| 4026.00 | -0.62 |
| 4028.00 | -0.62 |
| 4030.00 | -0.62 |
| 4032.00 | -0.62 |
| 4034.00 | -0.62 |
| 4036.00 | -0.61 |
| 4038.00 | -0.61 |
| 4040.00 | -0.61 |
| 4042.00 | -0.61 |
| 4044.00 | -0.61 |
| 4046.00 | -0.61 |
| 4048.00 | -0.61 |
| 4050.00 | -0.61 |
| 4052.00 | -0.61 |
| 4054.00 | -0.61 |
| 4056.00 | -0.61 |
| 4058.00 | -0.61 |
| 4060.00 | -0.62 |
| 4062.00 | -0.62 |
| 4064.00 | -0.62 |



CHM 003 1262

| Elapsed Time | Value |
|---|---|
| 4066.00 | -0.62 |
| 4068.00 | -0.62 |
| 4070.00 | -0.62 |
| 4072.00 | -0.62 |
| 4074.00 | -0.62 |
| 4076.00 | -0.62 |
| 4078.00 | -0.62 |
| 4080.00 | -0.62 |
| 4082.00 | -0.62 |
| 4084.00 | -0.61 |
| 4086.00 | -0.61 |
| 4088.00 | -0.61 |
| 4090.00 | -0.61 |
| 4092.00 | -0.61 |
| 4094.00 | -0.61 |
| 4096.00 | -0.61 |
| 4098.00 | -0.61 |
| 4100.00 | -0.61 |
| 4102.00 | -0.60 |
| 4104.00 | -0.61 |
| 4106.00 | -0.61 |
| 4108.00 | -0.61 |
| 4110.00 | -0.60 |
| 4112.00 | -0.60 |
| 4114.00 | -0.61 |
| 4116.00 | -0.60 |
| 4118.00 | -0.60 |
| 4120.00 | -0.60 |
| 4122.00 | -0.60 |
| 4124.00 | -0.60 |
| 4126.00 | -0.60 |
| 4128.00 | -0.60 |
| 4130.00 | -0.60 |
| 4132.00 | -0.60 |
| 4134.00 | -0.60 |
| 4136.00 | -0.60 |
| 4138.00 | -0.60 |
| 4140.00 | -0.60 |
| 4142.00 | -0.60 |
| 4144.00 | -0.60 |
| 4146.00 | -0.60 |
| 4148.00 | -0.60 |
| 4150.00 | -0.60 |
| 4152.00 | -0.60 |
| 4154.00 | -0.60 |
| 4156.00 | -0.60 |
| 4158.00 | -0.60 |
| 4160.00 | -0.60 |
| 4162.00 | -0.60 |
| 4164.00 | -0.60 |
| 4166.00 | -0.60 |
| 4168.00 | -0.60 |
| 4170.00 | -0.59 |
| 4172.00 | -0.59 |



CHM 003 1263

| Elapsed Time | Value |
|---|---|
| 4174.00 | -0.59 |
| 4176.00 | -0.59 |
| 4178.00 | -0.59 |
| 4180.00 | -0.59 |
| 4182.00 | -0.59 |
| 4184.00 | -0.59 |
| 4186.00 | -0.61 |
| 4188.00 | -0.62 |
| 4190.00 | -0.61 |
| 4192.00 | -0.63 |
| 4194.00 | -0.62 |
| 4196.00 | -0.62 |
| 4198.00 | -0.62 |
| 4200.00 | -0.61 |
| 4202.00 | -0.61 |
| 4204.00 | -0.60 |
| 4206.00 | -0.60 |
| 4208.00 | -0.61 |
| 4210.00 | -0.61 |
| 4212.00 | -0.60 |
| 4214.00 | -0.60 |
| 4216.00 | -0.60 |
| 4218.00 | -0.60 |
| 4220.00 | -0.60 |
| 4222.00 | -0.60 |
| 4224.00 | -0.60 |
| 4226.00 | -0.60 |
| 4228.00 | -0.60 |
| 4230.00 | -0.59 |
| 4232.00 | -0.60 |
| 4234.00 | -0.59 |
| 4236.00 | -0.59 |
| 4238.00 | -0.58 |
| 4240.00 | -0.58 |
| 4242.00 | -0.58 |
| 4244.00 | -0.58 |
| 4246.00 | -0.58 |
| 4248.00 | -0.58 |
| 4250.00 | -0.57 |
| 4252.00 | -0.57 |
| 4254.00 | -0.58 |
| 4256.00 | -0.59 |
| 4258.00 | -0.59 |
| 4260.00 | -0.58 |
| 4262.00 | -0.58 |
| 4264.00 | -0.57 |
| 4266.00 | -0.57 |
| 4268.00 | -0.57 |
| 4270.00 | -0.57 |
| 4272.00 | -0.56 |
| 4274.00 | -0.56 |
| 4276.00 | -0.53 |
| 4278.00 | -0.51 |
| 4280.00 | -0.51 |



CHM 003 1264

| Elapsed Time | Value |
|---|---|
| 4282.00 | -0.48 |
| 4284.00 | -0.44 |
| 4286.00 | -0.39 |
| 4288.00 | -0.36 |
| 4290.00 | -0.35 |
| 4292.00 | -0.33 |
| 4294.00 | -0.31 |
| 4296.00 | -0.29 |
| 4298.00 | -0.27 |
| 4300.00 | -0.26 |
| 4302.00 | -0.25 |
| 4304.00 | -0.24 |
| 4306.00 | -0.24 |
| 4308.00 | -0.23 |
| 4310.00 | -0.22 |
| 4312.00 | -0.21 |
| 4314.00 | -0.21 |
| 4316.00 | -0.20 |
| 4318.00 | -0.20 |
| 4320.00 | -0.19 |
| 4322.00 | -0.19 |
| 4324.00 | -0.18 |
| 4326.00 | -0.17 |
| 4328.00 | -0.17 |
| 4330.00 | -0.17 |
| 4332.00 | -0.17 |
| 4334.00 | -0.17 |
| 4336.00 | -0.16 |
| 4338.00 | -0.16 |
| 4340.00 | -0.16 |
| 4342.00 | -0.15 |
| 4344.00 | -0.15 |
| 4346.00 | -0.14 |
| 4348.00 | -0.14 |
| 4350.00 | -0.14 |
| 4352.00 | -0.13 |
| 4354.00 | -0.13 |
| 4356.00 | -0.11 |
| 4358.00 | -0.10 |
| 4360.00 | -0.09 |
| 4362.00 | -0.08 |
| 4364.00 | -0.07 |
| 4366.00 | -0.07 |
| 4368.00 | -0.06 |
| 4370.00 | -0.05 |
| 4372.00 | -0.05 |
| 4374.00 | -0.04 |
| 4376.00 | -0.05 |
| 4378.00 | -0.05 |
| 4380.00 | -0.04 |
| 4382.00 | -0.02 |
| 4384.00 | -0.01 |
| 4386.00 | -0.00 |
| 4388.00 | 0.00 |



CHM 003 1265

| Elapsed Time | Value |
|---|---|
| 4390.00 | 0.00 |
| 4392.00 | 0.00 |
| 4394.00 | 0.01 |
| 4396.00 | 0.02 |
| 4398.00 | 0.03 |
| 4400.00 | 0.03 |
| 4402.00 | 0.04 |
| 4404.00 | 0.04 |
| 4406.00 | 0.03 |
| 4408.00 | -0.00 |
| 4410.00 | -0.06 |
| 4412.00 | -0.10 |
| 4414.00 | -0.13 |
| 4416.00 | -0.16 |
| 4418.00 | -0.17 |
| 4420.00 | -0.19 |
| 4422.00 | -0.21 |
| 4424.00 | -0.23 |
| 4426.00 | -0.24 |
| 4428.00 | -0.25 |
| 4430.00 | -0.27 |
| 4432.00 | -0.28 |
| 4434.00 | -0.29 |
| 4436.00 | -0.30 |
| 4438.00 | -0.31 |
| 4440.00 | -0.32 |
| 4442.00 | -0.32 |
| 4444.00 | -0.33 |
| 4446.00 | -0.33 |
| 4448.00 | -0.34 |
| 4450.00 | -0.34 |
| 4452.00 | -0.34 |
| 4454.00 | -0.34 |
| 4456.00 | -0.34 |
| 4458.00 | -0.34 |
| 4460.00 | -0.35 |
| 4462.00 | -0.35 |
| 4464.00 | -0.35 |
| 4466.00 | -0.35 |
| 4468.00 | -0.34 |
| 4470.00 | -0.35 |
| 4472.00 | -0.35 |
| 4474.00 | -0.35 |
| 4476.00 | -0.36 |
| 4478.00 | -0.37 |
| 4480.00 | -0.37 |
| 4482.00 | -0.38 |
| 4484.00 | -0.38 |
| 4486.00 | -0.38 |
| 4488.00 | -0.39 |
| 4490.00 | -0.39 |
| 4492.00 | -0.39 |
| 4494.00 | -0.39 |
| 4496.00 | -0.40 |



CHM 003 1266

| Elapsed Time | Value |
|---|---|
| 4498.00 | -0.40 |
| 4500.00 | -0.40 |
| 4502.00 | -0.41 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 6 PUMP ZONE: 267' - 287' IN C-2

WELL ID: DMW-1

SE1000B
Environmental Logger
12/06 13:16

Unit# 01010 Test# 0

INPUT 1: Level (F) TOC

Reference 0.00
Scale factor 20.05
Offset - 0.04

Step# 0 12/03 09:40

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | -0.00 |
| 12.0000 | -0.00 |
| 14.0000 | -0.00 |
| 16.0000 | -0.00 |
| 18.0000 | -0.00 |
| 20.0000 | -0.00 |
| 22.0000 | -0.00 |
| 24.0000 | -0.00 |
| 26.0000 | -0.00 |
| 28.0000 | -0.00 |
| 30.0000 | -0.00 |
| 32.0000 | -0.01 |
| 34.0000 | -0.00 |
| 36.0000 | -0.00 |
| 38.0000 | -0.00 |
| 40.0000 | -0.01 |
| 42.0000 | -0.01 |
| 44.0000 | -0.01 |
| 46.0000 | -0.01 |
| 48.0000 | -0.01 |
| 50.0000 | -0.01 |
| 52.0000 | -0.01 |
| 54.0000 | -0.01 |
| 56.0000 | -0.01 |
| 58.0000 | -0.00 |
| 60.0000 | -0.01 |
| 62.0000 | -0.01 |
| 64.0000 | -0.00 |
| 66.0000 | -0.01 |
| 68.0000 | -0.01 |

| Elapsed Time | Value |
|---|---|
| 70.0000 | -0.00 |
| 72.0000 | -0.00 |
| 74.0000 | -0.01 |
| 76.0000 | -0.01 |
| 78.0000 | -0.00 |
| 80.0000 | -0.01 |
| 82.0000 | -0.01 |
| 84.0000 | -0.00 |
| 86.0000 | -0.01 |
| 88.0000 | -0.01 |
| 90.0000 | -0.01 |
| 92.0000 | -0.00 |
| 94.0000 | -0.00 |
| 96.0000 | -0.01 |
| 98.0000 | -0.01 |
| 100.000 | -0.01 |
| 102.000 | -0.01 |
| 104.000 | -0.01 |
| 106.000 | -0.00 |
| 108.000 | -0.01 |
| 110.000 | -0.01 |
| 112.000 | -0.01 |
| 114.000 | -0.01 |
| 116.000 | -0.01 |
| 118.000 | -0.01 |
| 120.000 | -0.01 |
| 122.000 | -0.01 |
| 124.000 | -0.01 |
| 126.000 | -0.01 |
| 128.000 | -0.01 |
| 130.000 | -0.00 |
| 132.000 | -0.01 |
| 134.000 | -0.00 |
| 136.000 | -0.00 |
| 138.000 | -0.00 |
| 140.000 | -0.01 |
| 142.000 | -0.00 |
| 144.000 | -0.01 |
| 146.000 | -0.01 |
| 148.000 | -0.00 |
| 150.000 | -0.00 |
| 152.000 | -0.00 |
| 154.000 | -0.00 |
| 156.000 | -0.00 |
| 158.000 | -0.00 |
| 160.000 | -0.00 |
| 162.000 | -0.00 |
| 164.000 | -0.00 |
| 166.000 | -0.00 |
| 168.000 | -0.00 |
| 170.000 | 0.00 |
| 172.000 | 0.00 |
| 174.000 | 0.00 |
| 176.000 | -0.00 |



CHM 003 1269

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.00 |
| 180.000 | -0.00 |
| 182.000 | 0.00 |
| 184.000 | 0.00 |
| 186.000 | 0.00 |
| 188.000 | 0.00 |
| 190.000 | 0.00 |
| 192.000 | 0.00 |
| 194.000 | 0.00 |
| 196.000 | 0.00 |
| 198.000 | 0.00 |
| 200.000 | 0.00 |
| 202.000 | 0.00 |
| 204.000 | 0.00 |
| 206.000 | 0.00 |
| 208.000 | 0.00 |
| 210.000 | 0.00 |
| 212.000 | 0.00 |
| 214.000 | [illegible] |
| 216.000 | 0.00 |
| 218.000 | 0.00 |
| 220.000 | 0.00 |
| 222.000 | 0.00 |
| 224.000 | 0.00 |
| 226.000 | 0.00 |
| 228.000 | 0.00 |
| 230.000 | 0.00 |
| 232.000 | 0.00 |
| 234.000 | 0.00 |
| 236.000 | 0.00 |
| 238.000 | 0.00 |
| 240.000 | 0.00 |
| 242.000 | 0.00 |
| 244.000 | 0.00 |
| 246.000 | 0.00 |
| 248.000 | 0.00 |
| 250.000 | 0.00 |
| 252.000 | 0.00 |
| 254.000 | 0.00 |
| 256.000 | 0.00 |
| 258.000 | 0.00 |
| 260.000 | 0.00 |
| 262.000 | 0.00 |
| 264.000 | 0.00 |
| 266.000 | 0.00 |
| 268.000 | 0.00 |
| 270.000 | 0.00 |
| 272.000 | 0.00 |
| 274.000 | 0.00 |
| 276.000 | 0.01 |
| 278.000 | 0.01 |
| 280.000 | 0.01 |
| 282.000 | 0.01 |
| 284.000 | 0.01 |



CHM 003 1270

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.01 |
| 288.000 | 0.01 |
| 290.000 | 0.00 |
| 292.000 | 0.00 |
| 294.000 | 0.00 |
| 296.000 | 0.01 |
| 298.000 | 0.01 |
| 300.000 | 0.00 |
| 302.000 | 0.00 |
| 304.000 | 0.00 |
| 306.000 | 0.01 |
| 308.000 | 0.01 |
| 310.000 | 0.00 |
| 312.000 | 0.01 |
| 314.000 | 0.01 |
| 316.000 | 0.00 |
| 318.000 | 0.00 |
| 320.000 | 0.01 |
| 322.000 | 0.00 |
| 324.000 | 0.00 |
| 326.000 | 0.01 |
| 328.000 | 0.01 |
| 330.000 | 0.01 |
| 332.000 | 0.01 |
| 334.000 | 0.01 |
| 336.000 | 0.01 |
| 338.000 | 0.01 |
| 340.000 | 0.01 |
| 342.000 | 0.01 |
| 344.000 | 0.01 |
| 346.000 | 0.01 |
| 348.000 | 0.01 |
| 350.000 | 0.01 |
| 352.000 | 0.01 |
| 354.000 | 0.01 |
| 356.000 | 0.01 |
| 358.000 | 0.01 |
| 360.000 | 0.01 |
| 362.000 | 0.01 |
| 364.000 | 0.01 |
| 366.000 | 0.01 |
| 368.000 | 0.01 |
| 370.000 | 0.01 |
| 372.000 | 0.01 |
| 374.000 | 0.01 |
| 376.000 | 0.01 |
| 378.000 | 0.01 |
| 380.000 | 0.01 |
| 382.000 | 0.01 |
| 384.000 | 0.01 |
| 386.000 | 0.01 |
| 388.000 | 0.01 |
| 390.000 | 0.01 |
| 392.000 | 0.01 |



CHM 003 1271

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.01 |
| 396.000 | 0.01 |
| 398.000 | 0.01 |
| 400.000 | 0.01 |
| 402.000 | 0.01 |
| 404.000 | 0.01 |
| 406.000 | 0.01 |
| 408.000 | 0.01 |
| 410.000 | 0.01 |
| 412.000 | 0.01 |
| 414.000 | 0.01 |
| 416.000 | 0.01 |
| 418.000 | 0.01 |
| 420.000 | 0.01 |
| 422.000 | 0.01 |
| 424.000 | 0.01 |
| 426.000 | 0.01 |
| 428.000 | 0.01 |
| 430.000 | 0.01 |
| 432.000 | 0.01 |
| 434.000 | 0.01 |
| 436.000 | 0.01 |
| 438.000 | 0.01 |
| 440.000 | 0.01 |
| 442.000 | 0.01 |
| 444.000 | 0.01 |
| 446.000 | 0.01 |
| 448.000 | 0.01 |
| 450.000 | 0.01 |
| 452.000 | 0.01 |
| 454.000 | 0.01 |
| 456.000 | 0.01 |
| 458.000 | 0.01 |
| 460.000 | 0.01 |
| 462.000 | 0.01 |
| 464.000 | 0.01 |
| 466.000 | 0.01 |
| 468.000 | 0.01 |
| 470.000 | 0.01 |
| 472.000 | 0.01 |
| 474.000 | 0.01 |
| 476.000 | 0.01 |
| 478.000 | 0.01 |
| 480.000 | 0.02 |
| 482.000 | 0.01 |
| 484.000 | 0.01 |
| 486.000 | 0.02 |
| 488.000 | 0.02 |
| 490.000 | 0.02 |
| 492.000 | 0.01 |
| 494.000 | 0.02 |
| 496.000 | 0.01 |
| 498.000 | 0.01 |
| 500.000 | 0.01 |

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.02 |
| 504.000 | 0.02 |
| 506.000 | 0.02 |
| 508.000 | 0.02 |
| 510.000 | 0.02 |
| 512.000 | 0.02 |
| 514.000 | 0.02 |
| 516.000 | 0.02 |
| 518.000 | 0.02 |
| 520.000 | 0.02 |
| 522.000 | 0.02 |
| 524.000 | 0.02 |
| 526.000 | 0.02 |
| 528.000 | 0.02 |
| 530.000 | 0.02 |
| 532.000 | 0.02 |
| 534.000 | 0.02 |
| 536.000 | 0.02 |
| 538.000 | 0.02 |
| 540.000 | 0.02 |
| 542.000 | 0.02 |
| 544.000 | 0.02 |
| 546.000 | 0.02 |
| 548.000 | 0.02 |
| 550.000 | 0.02 |
| 552.000 | 0.02 |
| 554.000 | 0.02 |
| 556.000 | 0.02 |
| 558.000 | 0.02 |
| 560.000 | 0.02 |
| 562.000 | 0.02 |
| 564.000 | 0.03 |
| 566.000 | 0.02 |
| 568.000 | 0.02 |
| 570.000 | 0.03 |
| 572.000 | 0.03 |
| 574.000 | 0.03 |
| 576.000 | 0.02 |
| 578.000 | 0.03 |
| 580.000 | 0.03 |
| 582.000 | 0.03 |
| 584.000 | 0.03 |
| 586.000 | 0.03 |
| 588.000 | 0.03 |
| 590.000 | 0.03 |
| 592.000 | 0.03 |
| 594.000 | 0.03 |
| 596.000 | 0.03 |
| 598.000 | 0.03 |
| 600.000 | 0.03 |
| 602.000 | 0.03 |
| 604.000 | 0.03 |
| 606.000 | 0.03 |
| 608.000 | 0.03 |



CHM 003 1273

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.03 |
| 612.000 | 0.03 |
| 614.000 | 0.03 |
| 616.000 | 0.03 |
| 618.000 | 0.03 |
| 620.000 | 0.03 |
| 622.000 | 0.03 |
| 624.000 | 0.03 |
| 626.000 | 0.03 |
| 628.000 | 0.03 |
| 630.000 | 0.03 |
| 632.000 | 0.03 |
| 634.000 | 0.03 |
| 636.000 | 0.03 |
| 638.000 | 0.03 |
| 640.000 | 0.03 |
| 642.000 | 0.03 |
| 644.000 | 0.03 |
| 646.000 | 0.03 |
| 648.000 | 0.03 |
| 650.000 | 0.03 |
| 652.000 | 0.03 |
| 654.000 | 0.03 |
| 656.000 | 0.03 |
| 658.000 | 0.03 |
| 660.000 | 0.03 |
| 662.000 | 0.03 |
| 664.000 | 0.03 |
| 666.000 | 0.03 |
| 668.000 | 0.03 |
| 670.000 | 0.03 |
| 672.000 | 0.03 |
| 674.000 | 0.03 |
| 676.000 | 0.03 |
| 678.000 | 0.03 |
| 680.000 | 0.03 |
| 682.000 | 0.03 |
| 684.000 | 0.03 |
| 686.000 | 0.03 |
| 688.000 | 0.03 |
| 690.000 | 0.03 |
| 692.000 | 0.03 |
| 694.000 | 0.03 |
| 696.000 | 0.03 |
| 698.000 | 0.03 |
| 700.000 | 0.03 |
| 702.000 | 0.03 |
| 704.000 | 0.03 |
| 706.000 | 0.03 |
| 708.000 | 0.03 |
| 710.000 | 0.03 |
| 712.000 | 0.03 |
| 714.000 | 0.03 |
| 716.000 | 0.03 |

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.04 |
| 720.000 | 0.04 |
| 722.000 | 0.04 |
| 724.000 | 0.04 |
| 726.000 | 0.04 |
| 728.000 | 0.04 |
| 730.000 | 0.04 |
| 732.000 | 0.04 |
| 734.000 | 0.04 |
| 736.000 | 0.04 |
| 738.000 | 0.04 |
| 740.000 | 0.04 |
| 742.000 | 0.04 |
| 744.000 | 0.04 |
| 746.000 | 0.04 |
| 748.000 | 0.04 |
| 750.000 | 0.04 |
| 752.000 | 0.04 |
| 754.000 | 0.04 |
| 756.000 | 0.04 |
| 758.000 | 0.04 |
| 760.000 | 0.04 |
| 762.000 | 0.04 |
| 764.000 | 0.04 |
| 766.000 | 0.05 |
| 768.000 | 0.05 |
| 770.000 | 0.05 |
| 772.000 | 0.05 |
| 774.000 | 0.05 |
| 776.000 | 0.05 |
| 778.000 | 0.05 |
| 780.000 | 0.05 |
| 782.000 | 0.05 |
| 784.000 | 0.05 |
| 786.000 | 0.05 |
| 788.000 | 0.05 |
| 790.000 | 0.05 |
| 792.000 | 0.05 |
| 794.000 | 0.05 |
| 796.000 | 0.05 |
| 798.000 | 0.05 |
| 800.000 | 0.05 |
| 802.000 | 0.05 |
| 804.000 | 0.05 |
| 806.000 | 0.05 |
| 808.000 | 0.05 |
| 810.000 | 0.05 |
| 812.000 | 0.05 |
| 814.000 | 0.05 |
| 816.000 | 0.05 |
| 818.000 | 0.05 |
| 820.000 | 0.05 |
| 822.000 | 0.05 |
| 824.000 | 0.05 |



CHM 003 1275

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.05 |
| 828.000 | 0.05 |
| 830.000 | 0.05 |
| 832.000 | 0.05 |
| 834.000 | 0.05 |
| 836.000 | 0.05 |
| 838.000 | 0.05 |
| 840.000 | 0.05 |
| 842.000 | 0.05 |
| 844.000 | 0.05 |
| 846.000 | 0.05 |
| 848.000 | 0.05 |
| 850.000 | 0.05 |
| 852.000 | 0.05 |
| 854.000 | 0.05 |
| 856.000 | 0.05 |
| 858.000 | 0.05 |
| 860.000 | 0.05 |
| 862.000 | 0.05 |
| 864.000 | 0.05 |
| 866.000 | 0.05 |
| 868.000 | 0.05 |
| 870.000 | 0.05 |
| 872.000 | 0.05 |
| 874.000 | 0.05 |
| 876.000 | 0.05 |
| 878.000 | 0.05 |
| 880.000 | 0.05 |
| 882.000 | 0.05 |
| 884.000 | 0.05 |
| 886.000 | 0.06 |
| 888.000 | 0.05 |
| 890.000 | 0.05 |
| 892.000 | 0.05 |
| 894.000 | 0.05 |
| 896.000 | 0.06 |
| 898.000 | 0.05 |
| 900.000 | 0.05 |
| 902.000 | 0.05 |
| 904.000 | 0.05 |
| 906.000 | 0.05 |
| 908.000 | 0.05 |
| 910.000 | 0.05 |
| 912.000 | 0.05 |
| 914.000 | 0.05 |
| 916.000 | 0.05 |
| 918.000 | 0.05 |
| 920.000 | 0.05 |
| 922.000 | 0.05 |
| 924.000 | 0.05 |
| 926.000 | 0.06 |
| 928.000 | 0.06 |
| 930.000 | 0.05 |
| 932.000 | 0.06 |

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.06 |
| 936.000 | 0.06 |
| 938.000 | 0.06 |
| 940.000 | 0.06 |
| 942.000 | 0.06 |
| 944.000 | 0.06 |
| 946.000 | 0.06 |
| 948.000 | 0.06 |
| 950.000 | 0.05 |
| 952.000 | 0.06 |
| 954.000 | 0.06 |
| 956.000 | 0.06 |
| 958.000 | 0.06 |
| 960.000 | 0.06 |
| 962.000 | 0.06 |
| 964.000 | 0.06 |
| 966.000 | 0.06 |
| 968.000 | 0.06 |
| 970.000 | 0.06 |
| 972.000 | 0.06 |
| 974.000 | 0.06 |
| 976.000 | 0.06 |
| 978.000 | 0.06 |
| 980.000 | 0.06 |
| 982.000 | 0.06 |
| 984.000 | 0.06 |
| 986.000 | 0.06 |
| 988.000 | 0.06 |
| 990.000 | 0.06 |
| 992.000 | 0.06 |
| 994.000 | 0.06 |
| 996.000 | 0.06 |
| 998.000 | 0.06 |
| 1000.00 | 0.06 |
| 1002.00 | 0.06 |
| 1004.00 | 0.06 |
| 1006.00 | 0.06 |
| 1008.00 | 0.06 |
| 1010.00 | 0.06 |
| 1012.00 | 0.06 |
| 1014.00 | 0.05 |
| 1016.00 | 0.05 |
| 1018.00 | 0.05 |
| 1020.00 | 0.05 |
| 1022.00 | 0.05 |
| 1024.00 | 0.05 |
| 1026.00 | 0.05 |
| 1028.00 | 0.05 |
| 1030.00 | 0.05 |
| 1032.00 | 0.05 |
| 1034.00 | 0.05 |
| 1036.00 | 0.05 |
| 1038.00 | 0.05 |
| 1040.00 | 0.05 |

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.05 |
| 1044.00 | 0.05 |
| 1046.00 | 0.05 |
| 1048.00 | 0.05 |
| 1050.00 | 0.05 |
| 1052.00 | 0.05 |
| 1054.00 | 0.05 |
| 1056.00 | 0.05 |
| 1058.00 | 0.05 |
| 1060.00 | 0.05 |
| 1062.00 | 0.05 |
| 1064.00 | 0.05 |
| 1066.00 | 0.05 |
| 1068.00 | 0.05 |
| 1070.00 | 0.05 |
| 1072.00 | 0.04 |
| 1074.00 | 0.04 |
| 1076.00 | 0.04 |
| 1078.00 | 0.04 |
| 1080.00 | 0.04 |
| 1082.00 | 0.04 |
| 1084.00 | 0.04 |
| 1086.00 | 0.04 |
| 1088.00 | 0.04 |
| 1090.00 | 0.04 |
| 1092.00 | 0.04 |
| 1094.00 | 0.04 |
| 1096.00 | 0.04 |
| 1098.00 | 0.04 |
| 1100.00 | 0.04 |
| 1102.00 | 0.04 |
| 1104.00 | 0.04 |
| 1106.00 | 0.03 |
| 1108.00 | 0.03 |
| 1110.00 | 0.03 |
| 1112.00 | 0.03 |
| 1114.00 | 0.03 |
| 1116.00 | 0.03 |
| 1118.00 | 0.03 |
| 1120.00 | 0.03 |
| 1122.00 | 0.03 |
| 1124.00 | 0.03 |
| 1126.00 | 0.03 |
| 1128.00 | 0.03 |
| 1130.00 | 0.03 |
| 1132.00 | 0.03 |
| 1134.00 | 0.03 |
| 1136.00 | 0.03 |
| 1138.00 | 0.03 |
| 1140.00 | 0.03 |
| 1142.00 | 0.03 |
| 1144.00 | 0.03 |
| 1146.00 | 0.03 |
| 1148.00 | 0.03 |

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.03 |
| 1152.00 | 0.03 |
| 1154.00 | 0.03 |
| 1156.00 | 0.02 |
| 1158.00 | 0.03 |
| 1160.00 | 0.02 |
| 1162.00 | 0.02 |
| 1164.00 | 0.02 |
| 1166.00 | 0.02 |
| 1168.00 | 0.02 |
| 1170.00 | 0.02 |
| 1172.00 | 0.02 |
| 1174.00 | 0.02 |
| 1176.00 | 0.02 |
| 1178.00 | 0.02 |
| 1180.00 | 0.01 |
| 1182.00 | 0.01 |
| 1184.00 | 0.01 |
| 1186.00 | 0.01 |
| 1188.00 | 0.01 |
| 1190.00 | 0.01 |
| 1192.00 | 0.01 |
| 1194.00 | 0.01 |
| 1196.00 | 0.01 |
| 1198.00 | 0.01 |
| 1200.00 | 0.01 |
| 1202.00 | 0.01 |
| 1204.00 | 0.01 |
| 1206.00 | 0.01 |
| 1208.00 | 0.01 |
| 1210.00 | 0.01 |
| 1212.00 | 0.01 |
| 1214.00 | 0.01 |
| 1216.00 | 0.01 |
| 1218.00 | 0.00 |
| 1220.00 | 0.00 |
| 1222.00 | 0.00 |
| 1224.00 | 0.00 |
| 1226.00 | 0.00 |
| 1228.00 | 0.00 |
| 1230.00 | 0.00 |
| 1232.00 | 0.00 |
| 1234.00 | 0.00 |
| 1236.00 | 0.00 |
| 1238.00 | 0.00 |
| 1240.00 | 0.00 |
| 1242.00 | 0.00 |
| 1244.00 | 0.00 |
| 1246.00 | 0.00 |
| 1248.00 | 0.00 |
| 1250.00 | 0.00 |
| 1252.00 | 0.00 |
| 1254.00 | 0.00 |
| 1256.00 | 0.00 |



CHM 003 1279

| Elapsed Time | Value |
|---|---|
| 1258.00 | -0.00 |
| 1260.00 | -0.00 |
| 1262.00 | -0.00 |
| 1264.00 | -0.00 |
| 1266.00 | -0.00 |
| 1268.00 | -0.00 |
| 1270.00 | -0.00 |
| 1272.00 | -0.00 |
| 1274.00 | -0.00 |
| 1276.00 | -0.00 |
| 1278.00 | -0.00 |
| 1280.00 | -0.00 |
| 1282.00 | -0.00 |
| 1284.00 | -0.01 |
| 1286.00 | -0.01 |
| 1288.00 | -0.01 |
| 1290.00 | -0.01 |
| 1292.00 | -0.01 |
| 1294.00 | -0.01 |
| 1296.00 | -0.01 |
| 1298.00 | -0.01 |
| 1300.00 | -0.01 |
| 1302.00 | -0.01 |
| 1304.00 | -0.01 |
| 1306.00 | -0.01 |
| 1308.00 | -0.01 |
| 1310.00 | -0.01 |
| 1312.00 | -0.01 |
| 1314.00 | -0.01 |
| 1316.00 | -0.01 |
| 1318.00 | -0.01 |
| 1320.00 | -0.01 |
| 1322.00 | -0.01 |
| 1324.00 | -0.01 |
| 1326.00 | -0.01 |
| 1328.00 | -0.01 |
| 1330.00 | -0.01 |
| 1332.00 | -0.01 |
| 1334.00 | -0.01 |
| 1336.00 | -0.02 |
| 1338.00 | -0.01 |
| 1340.00 | -0.02 |
| 1342.00 | -0.02 |
| 1344.00 | -0.02 |
| 1346.00 | -0.02 |
| 1348.00 | -0.02 |
| 1350.00 | -0.02 |
| 1352.00 | -0.02 |
| 1354.00 | -0.02 |
| 1356.00 | -0.02 |
| 1358.00 | -0.02 |
| 1360.00 | -0.02 |
| 1362.00 | -0.02 |
| 1364.00 | -0.02 |

| Elapsed Time | Value |
|---|---|
| 1366.00 | -0.03 |
| 1368.00 | -0.03 |
| 1370.00 | -0.03 |
| 1372.00 | -0.02 |
| 1374.00 | -0.03 |
| 1376.00 | -0.03 |
| 1378.00 | -0.03 |
| 1380.00 | -0.03 |
| 1382.00 | -0.03 |
| 1384.00 | -0.03 |
| 1386.00 | -0.03 |
| 1388.00 | -0.03 |
| 1390.00 | -0.03 |
| 1392.00 | -0.03 |
| 1394.00 | -0.03 |
| 1396.00 | -0.03 |
| 1398.00 | -0.03 |
| 1400.00 | -0.03 |
| 1402.00 | -0.03 |
| 1404.00 | -0.03 |
| 1406.00 | -0.03 |
| 1408.00 | -0.03 |
| 1410.00 | -0.02 |
| 1412.00 | -0.03 |
| 1414.00 | -0.03 |
| 1416.00 | -0.03 |
| 1418.00 | -0.03 |
| 1420.00 | -0.03 |
| 1422.00 | -0.03 |
| 1424.00 | -0.03 |
| 1426.00 | -0.03 |
| 1428.00 | -0.03 |
| 1430.00 | -0.03 |
| 1432.00 | -0.03 |
| 1434.00 | -0.03 |
| 1436.00 | -0.03 |
| 1438.00 | -0.03 |
| 1440.00 | -0.03 |
| 1442.00 | -0.03 |
| 1444.00 | -0.03 |
| 1446.00 | -0.03 |
| 1448.00 | -0.03 |
| 1450.00 | -0.03 |
| 1452.00 | -0.03 |
| 1454.00 | -0.03 |
| 1456.00 | -0.03 |
| 1458.00 | -0.03 |
| 1460.00 | -0.03 |
| 1462.00 | -0.03 |
| 1464.00 | -0.03 |
| 1466.00 | -0.03 |
| 1468.00 | -0.03 |
| 1470.00 | -0.03 |
| 1472.00 | -0.03 |



CHM 003 1281

| Elapsed Time | Value |
|---|---|
| 1474.00 | -0.03 |
| 1476.00 | -0.03 |
| 1478.00 | -0.03 |
| 1480.00 | -0.03 |
| 1482.00 | -0.03 |
| 1484.00 | -0.03 |
| 1486.00 | -0.03 |
| 1488.00 | -0.03 |
| 1490.00 | -0.03 |
| 1492.00 | -0.03 |
| 1494.00 | -0.03 |
| 1496.00 | -0.03 |
| 1498.00 | -0.03 |
| 1500.00 | -0.03 |
| 1502.00 | -0.03 |
| 1504.00 | -0.03 |
| 1506.00 | -0.03 |
| 1508.00 | -0.03 |
| 1510.00 | -0.03 |
| 1512.00 | -0.03 |
| 1514.00 | -0.03 |
| 1516.00 | -0.03 |
| 1518.00 | -0.03 |
| 1520.00 | -0.03 |
| 1522.00 | -0.04 |
| 1524.00 | -0.03 |
| 1526.00 | -0.04 |
| 1528.00 | -0.04 |
| 1530.00 | -0.04 |
| 1532.00 | -0.04 |
| 1534.00 | -0.04 |
| 1536.00 | -0.04 |
| 1538.00 | -0.04 |
| 1540.00 | -0.04 |
| 1542.00 | -0.04 |
| 1544.00 | -0.04 |
| 1546.00 | -0.04 |
| 1548.00 | -0.04 |
| 1550.00 | -0.04 |
| 1552.00 | -0.04 |
| 1554.00 | -0.04 |
| 1556.00 | -0.04 |
| 1558.00 | -0.04 |
| 1560.00 | -0.04 |
| 1562.00 | -0.05 |
| 1564.00 | -0.05 |
| 1566.00 | -0.05 |
| 1568.00 | -0.05 |
| 1570.00 | -0.05 |
| 1572.00 | -0.05 |
| 1574.00 | -0.05 |
| 1576.00 | -0.05 |
| 1578.00 | -0.05 |
| 1580.00 | -0.05 |



CHM 003 1282

| Elapsed Time | Value |
|---|---|
| 1582.00 | -0.05 |
| 1584.00 | -0.05 |
| 1586.00 | -0.05 |
| 1588.00 | -0.05 |
| 1590.00 | -0.05 |
| 1592.00 | -0.05 |
| 1594.00 | -0.05 |
| 1596.00 | -0.05 |
| 1598.00 | -0.05 |
| 1600.00 | -0.05 |
| 1602.00 | -0.05 |
| 1604.00 | -0.05 |
| 1606.00 | -0.05 |
| 1608.00 | -0.06 |
| 1610.00 | -0.05 |
| 1612.00 | -0.05 |
| 1614.00 | -0.06 |
| 1616.00 | -0.06 |
| 1618.00 | -0.06 |
| 1620.00 | -0.06 |
| 1622.00 | -0.06 |
| 1624.00 | -0.06 |
| 1626.00 | -0.06 |
| 1628.00 | -0.06 |
| 1630.00 | -0.06 |
| 1632.00 | -0.06 |
| 1634.00 | -0.06 |
| 1636.00 | -0.06 |
| 1638.00 | -0.06 |
| 1640.00 | -0.06 |
| 1642.00 | -0.06 |
| 1644.00 | -0.06 |
| 1646.00 | -0.06 |
| 1648.00 | -0.06 |
| 1650.00 | -0.06 |
| 1652.00 | -0.06 |
| 1654.00 | -0.06 |
| 1656.00 | -0.06 |
| 1658.00 | -0.06 |
| 1660.00 | -0.06 |
| 1662.00 | -0.06 |
| 1664.00 | -0.06 |
| 1666.00 | -0.06 |
| 1668.00 | -0.06 |
| 1670.00 | -0.06 |
| 1672.00 | -0.06 |
| 1674.00 | -0.06 |
| 1676.00 | -0.06 |
| 1678.00 | -0.06 |
| 1680.00 | -0.06 |
| 1682.00 | -0.06 |
| 1684.00 | -0.07 |
| 1686.00 | -0.06 |
| 1688.00 | -0.06 |



CHM 003 1283

| Elapsed Time | Value |
|---|---|
| 1690.00 | -0.06 |
| 1692.00 | -0.06 |
| 1694.00 | -0.07 |
| 1696.00 | -0.07 |
| 1698.00 | -0.07 |
| 1700.00 | -0.07 |
| 1702.00 | -0.07 |
| 1704.00 | -0.07 |
| 1706.00 | -0.07 |
| 1708.00 | -0.07 |
| 1710.00 | -0.07 |
| 1712.00 | -0.07 |
| 1714.00 | -0.07 |
| 1716.00 | -0.07 |
| 1718.00 | -0.07 |
| 1720.00 | -0.07 |
| 1722.00 | -0.07 |
| 1724.00 | -0.08 |
| 1726.00 | -0.07 |
| 1728.00 | -0.07 |
| 1730.00 | -0.08 |
| 1732.00 | -0.08 |
| 1734.00 | -0.08 |
| 1736.00 | -0.08 |
| 1738.00 | -0.08 |
| 1740.00 | -0.08 |
| 1742.00 | -0.08 |
| 1744.00 | -0.08 |
| 1746.00 | -0.08 |
| 1748.00 | -0.08 |
| 1750.00 | -0.08 |
| 1752.00 | -0.08 |
| 1754.00 | -0.08 |
| 1756.00 | -0.08 |
| 1758.00 | -0.08 |
| 1760.00 | -0.08 |
| 1762.00 | -0.08 |
| 1764.00 | -0.08 |
| 1766.00 | -0.08 |
| 1768.00 | -0.08 |
| 1770.00 | -0.08 |
| 1772.00 | -0.08 |
| 1774.00 | -0.08 |
| 1776.00 | -0.08 |
| 1778.00 | -0.09 |
| 1780.00 | -0.09 |
| 1782.00 | -0.09 |
| 1784.00 | -0.09 |
| 1786.00 | -0.09 |
| 1788.00 | -0.09 |
| 1790.00 | -0.09 |
| 1792.00 | -0.09 |
| 1794.00 | -0.09 |
| 1796.00 | -0.09 |

| Elapsed Time | Value |
|---|---|
| 1798.00 | -0.09 |
| 1800.00 | -0.09 |
| 1802.00 | -0.10 |
| 1804.00 | -0.10 |
| 1806.00 | -0.10 |
| 1808.00 | -0.10 |
| 1810.00 | -0.10 |
| 1812.00 | -0.10 |
| 1814.00 | -0.10 |
| 1816.00 | -0.10 |
| 1818.00 | -0.10 |
| 1820.00 | -0.10 |
| 1822.00 | -0.10 |
| 1824.00 | -0.10 |
| 1826.00 | -0.10 |
| 1828.00 | -0.10 |
| 1830.00 | -0.10 |
| 1832.00 | -0.10 |
| 1834.00 | -0.10 |
| 1836.00 | -0.10 |
| 1838.00 | -0.10 |
| 1840.00 | -0.10 |
| 1842.00 | -0.10 |
| 1844.00 | -0.10 |
| 1846.00 | -0.10 |
| 1848.00 | -0.10 |
| 1850.00 | -0.10 |
| 1852.00 | -0.11 |
| 1854.00 | -0.11 |
| 1856.00 | -0.11 |
| 1858.00 | -0.11 |
| 1860.00 | -0.11 |
| 1862.00 | -0.11 |
| 1864.00 | -0.11 |
| 1866.00 | -0.11 |
| 1868.00 | -0.11 |
| 1870.00 | -0.11 |
| 1872.00 | -0.11 |
| 1874.00 | -0.12 |
| 1876.00 | -0.12 |
| 1878.00 | -0.12 |
| 1880.00 | -0.12 |
| 1882.00 | -0.12 |
| 1884.00 | -0.12 |
| 1886.00 | -0.12 |
| 1888.00 | -0.12 |
| 1890.00 | -0.12 |
| 1892.00 | -0.12 |
| 1894.00 | -0.12 |
| 1896.00 | -0.12 |
| 1898.00 | -0.12 |
| 1900.00 | -0.12 |
| 1902.00 | -0.12 |
| 1904.00 | -0.12 |



CHM 003 1285

| Elapsed Time | Value |
|---|---|
| 1906.00 | -0.12 |
| 1908.00 | -0.12 |
| 1910.00 | -0.12 |
| 1912.00 | -0.12 |
| 1914.00 | -0.12 |
| 1916.00 | -0.13 |
| 1918.00 | -0.13 |
| 1920.00 | -0.13 |
| 1922.00 | -0.13 |
| 1924.00 | -0.13 |
| 1926.00 | -0.13 |
| 1928.00 | -0.13 |
| 1930.00 | -0.13 |
| 1932.00 | -0.13 |
| 1934.00 | -0.13 |
| 1936.00 | -0.13 |
| 1938.00 | -0.13 |
| 1940.00 | -0.13 |
| 1942.00 | -0.13 |
| 1944.00 | -0.13 |
| 1946.00 | -0.13 |
| 1948.00 | -0.14 |
| 1950.00 | -0.14 |
| 1952.00 | -0.14 |
| 1954.00 | -0.14 |
| 1956.00 | -0.14 |
| 1958.00 | -0.14 |
| 1960.00 | -0.14 |
| 1962.00 | -0.14 |
| 1964.00 | -0.14 |
| 1966.00 | -0.14 |
| 1968.00 | -0.14 |
| 1970.00 | -0.15 |
| 1972.00 | -0.15 |
| 1974.00 | -0.15 |
| 1976.00 | -0.15 |
| 1978.00 | -0.15 |
| 1980.00 | -0.15 |
| 1982.00 | -0.15 |
| 1984.00 | -0.15 |
| 1986.00 | -0.15 |
| 1988.00 | -0.15 |
| 1990.00 | -0.15 |
| 1992.00 | -0.15 |
| 1994.00 | -0.15 |
| 1996.00 | -0.15 |
| 1998.00 | -0.15 |
| 2000.00 | -0.15 |
| 2002.00 | -0.15 |
| 2004.00 | -0.16 |
| 2006.00 | -0.16 |
| 2008.00 | -0.16 |
| 2010.00 | -0.16 |
| 2012.00 | -0.16 |



CHM 003 1286

| Elapsed Time | Value |
|---|---|
| 2014.00 | -0.16 |
| 2016.00 | -0.16 |
| 2018.00 | -0.16 |
| 2020.00 | -0.16 |
| 2022.00 | -0.17 |
| 2024.00 | -0.17 |
| 2026.00 | -0.17 |
| 2028.00 | -0.17 |
| 2030.00 | -0.17 |
| 2032.00 | -0.17 |
| 2034.00 | -0.17 |
| 2036.00 | -0.17 |
| 2038.00 | -0.17 |
| 2040.00 | -0.17 |
| 2042.00 | -0.17 |
| 2044.00 | -0.17 |
| 2046.00 | -0.17 |
| 2048.00 | -0.17 |
| 2050.00 | -0.17 |
| 2052.00 | -0.17 |
| 2054.00 | -0.18 |
| 2056.00 | -0.18 |
| 2058.00 | -0.18 |
| 2060.00 | -0.18 |
| 2062.00 | -0.18 |
| 2064.00 | -0.18 |
| 2066.00 | -0.18 |
| 2068.00 | -0.18 |
| 2070.00 | -0.18 |
| 2072.00 | -0.18 |
| 2074.00 | -0.19 |
| 2076.00 | -0.19 |
| 2078.00 | -0.19 |
| 2080.00 | -0.19 |
| 2082.00 | -0.19 |
| 2084.00 | -0.19 |
| 2086.00 | -0.19 |
| 2088.00 | -0.19 |
| 2090.00 | -0.19 |
| 2092.00 | -0.19 |
| 2094.00 | -0.19 |
| 2096.00 | -0.19 |
| 2098.00 | -0.19 |
| 2100.00 | -0.19 |
| 2102.00 | -0.19 |
| 2104.00 | -0.19 |
| 2106.00 | -0.19 |
| 2108.00 | -0.19 |
| 2110.00 | -0.19 |
| 2112.00 | -0.20 |
| 2114.00 | -0.19 |
| 2116.00 | -0.20 |
| 2118.00 | -0.20 |
| 2120.00 | -0.20 |



CHM 003 1287

| Elapsed Time | Value |
|---|---|
| 2122.00 | -0.20 |
| 2124.00 | -0.20 |
| 2126.00 | -0.20 |
| 2128.00 | -0.20 |
| 2130.00 | -0.20 |
| 2132.00 | -0.20 |
| 2134.00 | -0.20 |
| 2136.00 | -0.20 |
| 2138.00 | -0.20 |
| 2140.00 | -0.20 |
| 2142.00 | -0.20 |
| 2144.00 | -0.20 |
| 2146.00 | -0.20 |
| 2148.00 | -0.20 |
| 2150.00 | -0.20 |
| 2152.00 | -0.20 |
| 2154.00 | -0.21 |
| 2156.00 | -0.20 |
| 2158.00 | -0.20 |
| 2160.00 | -0.21 |
| 2162.00 | -0.21 |
| 2164.00 | -0.21 |
| 2166.00 | -0.21 |
| 2168.00 | -0.21 |
| 2170.00 | -0.21 |
| 2172.00 | -0.21 |
| 2174.00 | -0.22 |
| 2176.00 | -0.22 |
| 2178.00 | -0.22 |
| 2180.00 | -0.22 |
| 2182.00 | -0.22 |
| 2184.00 | -0.22 |
| 2186.00 | -0.22 |
| 2188.00 | -0.22 |
| 2190.00 | -0.22 |
| 2192.00 | -0.22 |
| 2194.00 | -0.22 |
| 2196.00 | -0.22 |
| 2198.00 | -0.22 |
| 2200.00 | -0.22 |
| 2202.00 | -0.22 |
| 2204.00 | -0.23 |
| 2206.00 | -0.23 |
| 2208.00 | -0.23 |
| 2210.00 | -0.23 |
| 2212.00 | -0.23 |
| 2214.00 | -0.23 |
| 2216.00 | -0.23 |
| 2218.00 | -0.23 |
| 2220.00 | -0.23 |
| 2222.00 | -0.24 |
| 2224.00 | -0.24 |
| 2226.00 | -0.24 |
| 2228.00 | -0.24 |



CHM 003 1288

| Elapsed Time | Value |
|---|---|
| 2230.00 | -0.24 |
| 2232.00 | -0.24 |
| 2234.00 | -0.24 |
| 2236.00 | -0.24 |
| 2238.00 | -0.24 |
| 2240.00 | -0.24 |
| 2242.00 | -0.24 |
| 2244.00 | -0.24 |
| 2246.00 | -0.24 |
| 2248.00 | -0.24 |
| 2250.00 | -0.24 |
| 2252.00 | -0.24 |
| 2254.00 | -0.24 |
| 2256.00 | -0.24 |
| 2258.00 | -0.24 |
| 2260.00 | -0.24 |
| 2262.00 | -0.25 |
| 2264.00 | -0.25 |
| 2266.00 | -0.25 |
| 2268.00 | -0.25 |
| 2270.00 | -0.25 |
| 2272.00 | -0.25 |
| 2274.00 | -0.25 |
| 2276.00 | -0.26 |
| 2278.00 | -0.26 |
| 2280.00 | -0.26 |
| 2282.00 | -0.26 |
| 2284.00 | -0.26 |
| 2286.00 | -0.26 |
| 2288.00 | -0.26 |
| 2290.00 | -0.26 |
| 2292.00 | -0.26 |
| 2294.00 | -0.26 |
| 2296.00 | -0.26 |
| 2298.00 | -0.26 |
| 2300.00 | -0.26 |
| 2302.00 | -0.26 |
| 2304.00 | -0.26 |
| 2306.00 | -0.26 |
| 2308.00 | -0.26 |
| 2310.00 | -0.26 |
| 2312.00 | -0.26 |
| 2314.00 | -0.26 |
| 2316.00 | -0.26 |
| 2318.00 | -0.26 |
| 2320.00 | -0.26 |
| 2322.00 | -0.26 |
| 2324.00 | -0.27 |
| 2326.00 | -0.27 |
| 2328.00 | -0.27 |
| 2330.00 | -0.27 |
| 2332.00 | -0.27 |
| 2334.00 | -0.27 |
| 2336.00 | -0.27 |



CHM 003 1289

| Elapsed Time | Value |
|---|---|
| 2338.00 | -0.27 |
| 2340.00 | -0.27 |
| 2342.00 | -0.27 |
| 2344.00 | -0.27 |
| 2346.00 | -0.27 |
| 2348.00 | -0.27 |
| 2350.00 | -0.27 |
| 2352.00 | -0.27 |
| 2354.00 | -0.27 |
| 2356.00 | -0.27 |
| 2358.00 | -0.27 |
| 2360.00 | -0.27 |
| 2362.00 | -0.28 |
| 2364.00 | -0.28 |
| 2366.00 | -0.28 |
| 2368.00 | -0.28 |
| 2370.00 | -0.28 |
| 2372.00 | -0.28 |
| 2374.00 | -0.29 |
| 2376.00 | -0.29 |
| 2378.00 | -0.29 |
| 2380.00 | -0.29 |
| 2382.00 | -0.29 |
| 2384.00 | -0.29 |
| 2386.00 | -0.29 |
| 2388.00 | -0.29 |
| 2390.00 | -0.29 |
| 2392.00 | -0.29 |
| 2394.00 | -0.29 |
| 2396.00 | -0.29 |
| 2398.00 | -0.29 |
| 2400.00 | -0.29 |
| 2402.00 | -0.29 |
| 2404.00 | -0.29 |
| 2406.00 | -0.30 |
| 2408.00 | -0.30 |
| 2410.00 | -0.30 |
| 2412.00 | -0.30 |
| 2414.00 | -0.30 |
| 2416.00 | -0.30 |
| 2418.00 | -0.30 |
| 2420.00 | -0.30 |
| 2422.00 | -0.31 |
| 2424.00 | -0.31 |
| 2426.00 | -0.31 |
| 2428.00 | -0.31 |
| 2430.00 | -0.31 |
| 2432.00 | -0.31 |
| 2434.00 | -0.31 |
| 2436.00 | -0.31 |
| 2438.00 | -0.31 |
| 2440.00 | -0.31 |
| 2442.00 | -0.32 |
| 2444.00 | -0.32 |



CHM 003 1290

| Elapsed Time | Value |
|---|---|
| 2446.00 | -0.32 |
| 2448.00 | -0.32 |
| 2450.00 | -0.32 |
| 2452.00 | -0.32 |
| 2454.00 | -0.32 |
| 2456.00 | -0.32 |
| 2458.00 | -0.32 |
| 2460.00 | -0.32 |
| 2462.00 | -0.33 |
| 2464.00 | -0.33 |
| 2466.00 | -0.33 |
| 2468.00 | -0.33 |
| 2470.00 | -0.33 |
| 2472.00 | -0.34 |
| 2474.00 | -0.34 |
| 2476.00 | -0.34 |
| 2478.00 | -0.34 |
| 2480.00 | -0.34 |
| 2482.00 | -0.34 |
| 2484.00 | -0.34 |
| 2486.00 | -0.34 |
| 2488.00 | -0.35 |
| 2490.00 | -0.34 |
| 2492.00 | -0.35 |
| 2494.00 | -0.35 |
| 2496.00 | -0.35 |
| 2498.00 | -0.36 |
| 2500.00 | -0.36 |
| 2502.00 | -0.36 |
| 2504.00 | -0.36 |
| 2506.00 | -0.36 |
| 2508.00 | -0.36 |
| 2510.00 | -0.36 |
| 2512.00 | -0.36 |
| 2514.00 | -0.36 |
| 2516.00 | -0.37 |
| 2518.00 | -0.37 |
| 2520.00 | -0.37 |
| 2522.00 | -0.37 |
| 2524.00 | -0.37 |
| 2526.00 | -0.37 |
| 2528.00 | -0.38 |
| 2530.00 | -0.38 |
| 2532.00 | -0.38 |
| 2534.00 | -0.38 |
| 2536.00 | -0.38 |
| 2538.00 | -0.38 |
| 2540.00 | -0.38 |
| 2542.00 | -0.38 |
| 2544.00 | -0.38 |
| 2546.00 | -0.39 |
| 2548.00 | -0.39 |
| 2550.00 | -0.39 |
| 2552.00 | -0.39 |

| Elapsed Time | Value |
|---|---|
| 2554.00 | -0.39 |
| 2556.00 | -0.40 |
| 2558.00 | -0.40 |
| 2560.00 | -0.41 |
| 2562.00 | -0.41 |
| 2564.00 | -0.41 |
| 2566.00 | -0.41 |
| 2568.00 | -0.41 |
| 2570.00 | -0.41 |
| 2572.00 | -0.42 |
| 2574.00 | -0.42 |
| 2576.00 | -0.42 |
| 2578.00 | -0.42 |
| 2580.00 | -0.42 |
| 2582.00 | -0.42 |
| 2584.00 | -0.43 |
| 2586.00 | -0.43 |
| 2588.00 | -0.43 |
| 2590.00 | -0.43 |
| 2592.00 | -0.43 |
| 2594.00 | -0.43 |
| 2596.00 | -0.43 |
| 2598.00 | -0.43 |
| 2600.00 | -0.43 |
| 2602.00 | -0.44 |
| 2604.00 | -0.43 |
| 2606.00 | -0.44 |
| 2608.00 | -0.44 |
| 2610.00 | -0.44 |
| 2612.00 | -0.44 |
| 2614.00 | -0.45 |
| 2616.00 | -0.45 |
| 2618.00 | -0.45 |
| 2620.00 | -0.45 |
| 2622.00 | -0.45 |
| 2624.00 | -0.45 |
| 2626.00 | -0.45 |
| 2628.00 | -0.45 |
| 2630.00 | -0.45 |
| 2632.00 | -0.46 |
| 2634.00 | -0.46 |
| 2636.00 | -0.46 |
| 2638.00 | -0.46 |
| 2640.00 | -0.46 |
| 2642.00 | -0.46 |
| 2644.00 | -0.46 |
| 2646.00 | -0.46 |
| 2648.00 | -0.46 |
| 2650.00 | -0.46 |
| 2652.00 | -0.46 |
| 2654.00 | -0.47 |
| 2656.00 | -0.47 |
| 2658.00 | -0.48 |
| 2660.00 | -0.48 |



CHM 003 1292

| Elapsed Time | Value |
|---|---|
| 2662.00 | -0.48 |
| 2664.00 | -0.48 |
| 2666.00 | -0.48 |
| 2668.00 | -0.48 |
| 2670.00 | -0.48 |
| 2672.00 | -0.48 |
| 2674.00 | -0.48 |
| 2676.00 | -0.48 |
| 2678.00 | -0.48 |
| 2680.00 | -0.49 |
| 2682.00 | -0.49 |
| 2684.00 | -0.49 |
| 2686.00 | -0.49 |
| 2688.00 | -0.49 |
| 2690.00 | -0.49 |
| 2692.00 | -0.49 |
| 2694.00 | -0.49 |
| 2696.00 | -0.50 |
| 2698.00 | -0.50 |
| 2700.00 | -0.50 |
| 2702.00 | -0.50 |
| 2704.00 | -0.50 |
| 2706.00 | -0.50 |
| 2708.00 | -0.50 |
| 2710.00 | -0.50 |
| 2712.00 | -0.50 |
| 2714.00 | -0.51 |
| 2716.00 | -0.51 |
| 2718.00 | -0.51 |
| 2720.00 | -0.51 |
| 2722.00 | -0.52 |
| 2724.00 | -0.52 |
| 2726.00 | -0.52 |
| 2728.00 | -0.52 |
| 2730.00 | -0.52 |
| 2732.00 | -0.52 |
| 2734.00 | -0.52 |
| 2736.00 | -0.52 |
| 2738.00 | -0.52 |
| 2740.00 | -0.53 |
| 2742.00 | -0.53 |
| 2744.00 | -0.53 |
| 2746.00 | -0.53 |
| 2748.00 | -0.53 |
| 2750.00 | -0.53 |
| 2752.00 | -0.53 |
| 2754.00 | -0.53 |
| 2756.00 | -0.53 |
| 2758.00 | -0.53 |
| 2760.00 | -0.54 |
| 2762.00 | -0.54 |
| 2764.00 | -0.54 |
| 2766.00 | -0.54 |
| 2768.00 | -0.54 |

| Elapsed Time | Value |
|---|---|
| 2770.00 | -0.55 |
| 2772.00 | -0.55 |
| 2774.00 | -0.55 |
| 2776.00 | -0.55 |
| 2778.00 | -0.55 |
| 2780.00 | -0.55 |
| 2782.00 | -0.55 |
| 2784.00 | -0.56 |
| 2786.00 | -0.56 |
| 2788.00 | -0.56 |
| 2790.00 | -0.56 |
| 2792.00 | -0.57 |
| 2794.00 | -0.57 |
| 2796.00 | -0.57 |
| 2798.00 | -0.57 |
| 2800.00 | -0.57 |
| 2802.00 | -0.57 |
| 2804.00 | -0.57 |
| 2806.00 | -0.57 |
| 2808.00 | -0.57 |
| 2810.00 | -0.57 |
| 2812.00 | -0.57 |
| 2814.00 | -0.57 |
| 2816.00 | -0.57 |
| 2818.00 | -0.58 |
| 2820.00 | -0.58 |
| 2822.00 | -0.58 |
| 2824.00 | -0.58 |
| 2826.00 | -0.58 |
| 2828.00 | -0.58 |
| 2830.00 | -0.58 |
| 2832.00 | -0.58 |
| 2834.00 | -0.59 |
| 2836.00 | -0.58 |
| 2838.00 | -0.58 |
| 2840.00 | -0.58 |
| 2842.00 | -0.59 |
| 2844.00 | -0.59 |
| 2846.00 | -0.59 |
| 2848.00 | -0.59 |
| 2850.00 | -0.59 |
| 2852.00 | -0.60 |
| 2854.00 | -0.60 |
| 2856.00 | -0.60 |
| 2858.00 | -0.60 |
| 2860.00 | -0.60 |
| 2862.00 | -0.60 |
| 2864.00 | -0.60 |
| 2866.00 | -0.60 |
| 2868.00 | -0.60 |
| 2870.00 | -0.60 |
| 2872.00 | -0.60 |
| 2874.00 | -0.60 |
| 2876.00 | -0.60 |



CHM 003 1294

| Elapsed Time | Value |
|---|---|
| 2878.00 | -0.60 |
| 2880.00 | -0.61 |
| 2882.00 | -0.61 |
| 2884.00 | -0.61 |
| 2886.00 | -0.61 |
| 2888.00 | -0.61 |
| 2890.00 | -0.62 |
| 2892.00 | -0.61 |
| 2894.00 | -0.62 |
| 2896.00 | -0.62 |
| 2898.00 | -0.62 |
| 2900.00 | -0.62 |
| 2902.00 | -0.62 |
| 2904.00 | -0.62 |
| 2906.00 | -0.62 |
| 2908.00 | -0.62 |
| 2910.00 | -0.62 |
| 2912.00 | -0.63 |
| 2914.00 | -0.62 |
| 2916.00 | -0.63 |
| 2918.00 | -0.63 |
| 2920.00 | -0.64 |
| 2922.00 | -0.63 |
| 2924.00 | -0.63 |
| 2926.00 | -0.64 |
| 2928.00 | -0.64 |
| 2930.00 | -0.64 |
| 2932.00 | -0.64 |
| 2934.00 | -0.64 |
| 2936.00 | -0.64 |
| 2938.00 | -0.64 |
| 2940.00 | -0.64 |
| 2942.00 | -0.64 |
| 2944.00 | -0.64 |
| 2946.00 | -0.64 |
| 2948.00 | -0.65 |
| 2950.00 | -0.65 |
| 2952.00 | -0.65 |
| 2954.00 | -0.65 |
| 2956.00 | -0.65 |
| 2958.00 | -0.65 |
| 2960.00 | -0.65 |
| 2962.00 | -0.65 |
| 2964.00 | -0.65 |
| 2966.00 | -0.66 |
| 2968.00 | -0.66 |
| 2970.00 | -0.66 |
| 2972.00 | -0.66 |
| 2974.00 | -0.66 |
| 2976.00 | -0.66 |
| 2978.00 | -0.66 |
| 2980.00 | -0.66 |
| 2982.00 | -0.66 |
| 2984.00 | -0.66 |



CHM 003 1295

| Elapsed Time | Value |
|---|---|
| 2986.00 | -0.66 |
| 2988.00 | -0.66 |
| 2990.00 | -0.66 |
| 2992.00 | -0.67 |
| 2994.00 | -0.67 |
| 2996.00 | -0.67 |
| 2998.00 | -0.67 |
| 3000.00 | -0.67 |
| 3002.00 | -0.67 |
| 3004.00 | -0.67 |
| 3006.00 | -0.67 |
| 3008.00 | -0.67 |
| 3010.00 | -0.67 |
| 3012.00 | -0.67 |
| 3014.00 | -0.67 |
| 3016.00 | -0.67 |
| 3018.00 | -0.68 |
| 3020.00 | -0.67 |
| 3022.00 | -0.68 |
| 3024.00 | -0.69 |
| 3026.00 | -0.68 |
| 3028.00 | -0.68 |
| 3030.00 | -0.68 |
| 3032.00 | -0.68 |
| 3034.00 | -0.69 |
| 3036.00 | -0.69 |
| 3038.00 | -0.69 |
| 3040.00 | -0.69 |
| 3042.00 | -0.69 |
| 3044.00 | -0.69 |
| 3046.00 | -0.69 |
| 3048.00 | -0.69 |
| 3050.00 | -0.69 |
| 3052.00 | -0.69 |
| 3054.00 | -0.69 |
| 3056.00 | -0.69 |
| 3058.00 | -0.70 |
| 3060.00 | -0.69 |
| 3062.00 | -0.70 |
| 3064.00 | -0.70 |
| 3066.00 | -0.71 |
| 3068.00 | -0.71 |
| 3070.00 | -0.70 |
| 3072.00 | -0.71 |
| 3074.00 | -0.70 |
| 3076.00 | -0.71 |
| 3078.00 | -0.71 |
| 3080.00 | -0.71 |
| 3082.00 | -0.71 |
| 3084.00 | -0.71 |
| 3086.00 | -0.71 |
| 3088.00 | -0.71 |
| 3090.00 | -0.71 |
| 3092.00 | -0.71 |

| Elapsed Time | Value |
|---|---|
| 3094.00 | -0.72 |
| 3096.00 | -0.71 |
| 3098.00 | -0.71 |
| 3100.00 | -0.71 |
| 3102.00 | -0.71 |
| 3104.00 | -0.72 |
| 3106.00 | -0.72 |
| 3108.00 | -0.72 |
| 3110.00 | -0.72 |
| 3112.00 | -0.72 |
| 3114.00 | -0.72 |
| 3116.00 | -0.72 |
| 3118.00 | -0.72 |
| 3120.00 | -0.72 |
| 3122.00 | -0.72 |
| 3124.00 | -0.72 |
| 3126.00 | -0.72 |
| 3128.00 | -0.72 |
| 3130.00 | -0.72 |
| 3132.00 | -0.72 |
| 3134.00 | -0.72 |
| 3136.00 | -0.72 |
| 3138.00 | -0.72 |
| 3140.00 | -0.72 |
| 3142.00 | -0.72 |
| 3144.00 | -0.74 |
| 3146.00 | -0.73 |
| 3148.00 | -0.73 |
| 3150.00 | -0.73 |
| 3152.00 | -0.73 |
| 3154.00 | -0.72 |
| 3156.00 | -0.72 |
| 3158.00 | -0.72 |
| 3160.00 | -0.73 |
| 3162.00 | -0.72 |
| 3164.00 | -0.72 |
| 3166.00 | -0.72 |
| 3168.00 | -0.72 |
| 3170.00 | -0.73 |
| 3172.00 | -0.73 |
| 3174.00 | -0.73 |
| 3176.00 | -0.73 |
| 3178.00 | -0.72 |
| 3180.00 | -0.73 |
| 3182.00 | -0.73 |
| 3184.00 | -0.72 |
| 3186.00 | -0.72 |
| 3188.00 | -0.72 |
| 3190.00 | -0.73 |
| 3192.00 | -0.72 |
| 3194.00 | -0.72 |
| 3196.00 | -0.72 |
| 3198.00 | -0.72 |
| 3200.00 | -0.72 |

| Elapsed Time | Value |
|---|---|
| 3202.00 | -0.72 |
| 3204.00 | -0.72 |
| 3206.00 | -0.72 |
| 3208.00 | -0.72 |
| 3210.00 | -0.72 |
| 3212.00 | -0.72 |
| 3214.00 | -0.72 |
| 3216.00 | -0.72 |
| 3218.00 | -0.72 |
| 3220.00 | -0.72 |
| 3222.00 | -0.72 |
| 3224.00 | -0.72 |
| 3226.00 | -0.72 |
| 3228.00 | -0.72 |
| 3230.00 | -0.72 |
| 3232.00 | -0.71 |
| 3234.00 | -0.72 |
| 3236.00 | -0.72 |
| 3238.00 | -0.72 |
| 3240.00 | -0.72 |
| 3242.00 | -0.72 |
| 3244.00 | -0.72 |
| 3246.00 | -0.72 |
| 3248.00 | -0.72 |
| 3250.00 | -0.72 |
| 3252.00 | -0.72 |
| 3254.00 | -0.72 |
| 3256.00 | -0.72 |
| 3258.00 | -0.72 |
| 3260.00 | -0.72 |
| 3262.00 | -0.71 |
| 3264.00 | -0.71 |
| 3266.00 | -0.71 |
| 3268.00 | -0.71 |
| 3270.00 | -0.71 |
| 3272.00 | -0.71 |
| 3274.00 | -0.71 |
| 3276.00 | -0.71 |
| 3278.00 | -0.71 |
| 3280.00 | -0.71 |
| 3282.00 | -0.71 |
| 3284.00 | -0.71 |
| 3286.00 | -0.71 |
| 3288.00 | -0.71 |
| 3290.00 | -0.71 |
| 3292.00 | -0.71 |
| 3294.00 | -0.71 |
| 3296.00 | -0.71 |
| 3298.00 | -0.71 |
| 3300.00 | -0.71 |
| 3302.00 | -0.71 |
| 3304.00 | -0.71 |
| 3306.00 | -0.71 |
| 3308.00 | -0.71 |



CHM 003 1298

| Elapsed Time | Value |
|---|---|
| 3310.00 | -0.71 |
| 3312.00 | -0.71 |
| 3314.00 | -0.71 |
| 3316.00 | -0.71 |
| 3318.00 | -0.70 |
| 3320.00 | -0.70 |
| 3322.00 | -0.70 |
| 3324.00 | -0.70 |
| 3326.00 | -0.70 |
| 3328.00 | -0.70 |
| 3330.00 | -0.70 |
| 3332.00 | -0.70 |
| 3334.00 | -0.70 |
| 3336.00 | -0.70 |
| 3338.00 | -0.70 |
| 3340.00 | -0.70 |
| 3342.00 | -0.70 |
| 3344.00 | -0.70 |
| 3346.00 | -0.70 |
| 3348.00 | -0.70 |
| 3350.00 | -0.69 |
| 3352.00 | -0.69 |
| 3354.00 | -0.69 |
| 3356.00 | -0.69 |
| 3358.00 | -0.69 |
| 3360.00 | -0.69 |
| 3362.00 | -0.69 |
| 3364.00 | -0.69 |
| 3366.00 | -0.69 |
| 3368.00 | -0.69 |
| 3370.00 | -0.69 |
| 3372.00 | -0.69 |
| 3374.00 | -0.69 |
| 3376.00 | -0.69 |
| 3378.00 | -0.69 |
| 3380.00 | -0.69 |
| 3382.00 | -0.69 |
| 3384.00 | -0.69 |
| 3386.00 | -0.69 |
| 3388.00 | -0.69 |
| 3390.00 | -0.69 |
| 3392.00 | -0.69 |
| 3394.00 | -0.69 |
| 3396.00 | -0.69 |
| 3398.00 | -0.68 |
| 3400.00 | -0.69 |
| 3402.00 | -0.69 |
| 3404.00 | -0.69 |
| 3406.00 | -0.68 |
| 3408.00 | -0.68 |
| 3410.00 | -0.68 |
| 3412.00 | -0.68 |
| 3414.00 | -0.68 |
| 3416.00 | -0.68 |



CHM 003 1299

| Elapsed Time | Value |
|---|---|
| 3418.00 | -0.68 |
| 3420.00 | -0.68 |
| 3422.00 | -0.68 |
| 3424.00 | -0.68 |
| 3426.00 | -0.68 |
| 3428.00 | -0.68 |
| 3430.00 | -0.68 |
| 3432.00 | -0.68 |
| 3434.00 | -0.67 |
| 3436.00 | -0.68 |
| 3438.00 | -0.67 |
| 3440.00 | -0.68 |
| 3442.00 | -0.68 |
| 3444.00 | -0.68 |
| 3446.00 | -0.68 |
| 3448.00 | -0.67 |
| 3450.00 | -0.67 |
| 3452.00 | -0.67 |
| 3454.00 | -0.67 |
| 3456.00 | -0.67 |
| 3458.00 | -0.67 |
| 3460.00 | -0.67 |
| 3462.00 | -0.67 |
| 3464.00 | -0.67 |
| 3466.00 | -0.67 |
| 3468.00 | -0.67 |
| 3470.00 | -0.67 |
| 3472.00 | -0.67 |
| 3474.00 | -0.67 |
| 3476.00 | -0.67 |
| 3478.00 | -0.67 |
| 3480.00 | -0.67 |
| 3482.00 | -0.67 |
| 3484.00 | -0.67 |
| 3486.00 | -0.67 |
| 3488.00 | -0.66 |
| 3490.00 | -0.66 |
| 3492.00 | -0.66 |
| 3494.00 | -0.67 |
| 3496.00 | -0.67 |
| 3498.00 | -0.67 |
| 3500.00 | -0.66 |
| 3502.00 | -0.66 |
| 3504.00 | -0.66 |
| 3506.00 | -0.66 |
| 3508.00 | -0.66 |
| 3510.00 | -0.66 |
| 3512.00 | -0.66 |
| 3514.00 | -0.67 |
| 3516.00 | -0.66 |
| 3518.00 | -0.66 |
| 3520.00 | -0.66 |
| 3522.00 | -0.66 |
| 3524.00 | -0.66 |



CHM 003 1300

| Elapsed Time | Value |
|---|---|
| 3526.00 | -0.66 |
| 3528.00 | -0.66 |
| 3530.00 | -0.66 |
| 3532.00 | -0.66 |
| 3534.00 | -0.66 |
| 3536.00 | -0.66 |
| 3538.00 | -0.66 |
| 3540.00 | -0.65 |
| 3542.00 | -0.65 |
| 3544.00 | -0.65 |
| 3546.00 | -0.65 |
| 3548.00 | -0.65 |
| 3550.00 | -0.65 |
| 3552.00 | -0.65 |
| 3554.00 | -0.65 |
| 3556.00 | -0.65 |
| 3558.00 | -0.65 |
| 3560.00 | -0.65 |
| 3562.00 | -0.65 |
| 3564.00 | -0.65 |
| 3566.00 | -0.65 |
| 3568.00 | -0.65 |
| 3570.00 | -0.65 |
| 3572.00 | -0.65 |
| 3574.00 | -0.65 |
| 3576.00 | -0.65 |
| 3578.00 | -0.65 |
| 3580.00 | -0.65 |
| 3582.00 | -0.65 |
| 3584.00 | -0.65 |
| 3586.00 | -0.65 |
| 3588.00 | -0.65 |
| 3590.00 | -0.65 |
| 3592.00 | -0.65 |
| 3594.00 | -0.65 |
| 3596.00 | -0.65 |
| 3598.00 | -0.64 |
| 3600.00 | -0.65 |
| 3602.00 | -0.64 |
| 3604.00 | -0.64 |
| 3606.00 | -0.65 |
| 3608.00 | -0.64 |
| 3610.00 | -0.65 |
| 3612.00 | -0.64 |
| 3614.00 | -0.64 |
| 3616.00 | -0.64 |
| 3618.00 | -0.64 |
| 3620.00 | -0.64 |
| 3622.00 | -0.64 |
| 3624.00 | -0.64 |
| 3626.00 | -0.64 |
| 3628.00 | -0.64 |
| 3630.00 | -0.64 |
| 3632.00 | -0.64 |



CHM 003 1301

| Elapsed Time | Value |
|---|---|
| 3634.00 | -0.64 |
| 3636.00 | -0.64 |
| 3638.00 | -0.64 |
| 3640.00 | -0.64 |
| 3642.00 | -0.64 |
| 3644.00 | -0.64 |
| 3646.00 | -0.64 |
| 3648.00 | -0.64 |
| 3650.00 | -0.64 |
| 3652.00 | -0.64 |
| 3654.00 | -0.64 |
| 3656.00 | -0.64 |
| 3658.00 | -0.63 |
| 3660.00 | -0.63 |
| 3662.00 | -0.63 |
| 3664.00 | -0.63 |
| 3666.00 | -0.63 |
| 3668.00 | -0.63 |
| 3670.00 | -0.63 |
| 3672.00 | -0.63 |
| 3674.00 | -0.63 |
| 3676.00 | -0.63 |
| 3678.00 | -0.63 |
| 3680.00 | -0.63 |
| 3682.00 | -0.63 |
| 3684.00 | -0.62 |
| 3686.00 | -0.63 |
| 3688.00 | -0.62 |
| 3690.00 | -0.63 |
| 3692.00 | -0.62 |
| 3694.00 | -0.62 |
| 3696.00 | -0.62 |
| 3698.00 | -0.62 |
| 3700.00 | -0.62 |
| 3702.00 | -0.62 |
| 3704.00 | -0.62 |
| 3706.00 | -0.62 |
| 3708.00 | -0.62 |
| 3710.00 | -0.62 |
| 3712.00 | -0.62 |
| 3714.00 | -0.62 |
| 3716.00 | -0.62 |
| 3718.00 | -0.62 |
| 3720.00 | -0.62 |
| 3722.00 | -0.62 |
| 3724.00 | -0.62 |
| 3726.00 | -0.62 |
| 3728.00 | -0.62 |
| 3730.00 | -0.62 |
| 3732.00 | -0.62 |
| 3734.00 | -0.62 |
| 3736.00 | -0.62 |
| 3738.00 | -0.62 |
| 3740.00 | -0.62 |



CHM 003 1302

| Elapsed Time | Value |
|---|---|
| 3742.00 | -0.62 |
| 3744.00 | -0.62 |
| 3746.00 | -0.62 |
| 3748.00 | -0.62 |
| 3750.00 | -0.62 |
| 3752.00 | -0.62 |
| 3754.00 | -0.62 |
| 3756.00 | -0.62 |
| 3758.00 | -0.62 |
| 3760.00 | -0.62 |
| 3762.00 | -0.62 |
| 3764.00 | -0.61 |
| 3766.00 | -0.61 |
| 3768.00 | -0.61 |
| 3770.00 | -0.61 |
| 3772.00 | -0.61 |
| 3774.00 | -0.61 |
| 3776.00 | -0.61 |
| 3778.00 | -0.61 |
| 3780.00 | -0.60 |
| 3782.00 | -0.60 |
| 3784.00 | -0.60 |
| 3786.00 | -0.60 |
| 3788.00 | -0.61 |
| 3790.00 | -0.60 |
| 3792.00 | -0.60 |
| 3794.00 | -0.60 |
| 3796.00 | -0.60 |
| 3798.00 | -0.60 |
| 3800.00 | -0.60 |
| 3802.00 | -0.60 |
| 3804.00 | -0.60 |
| 3806.00 | -0.60 |
| 3808.00 | -0.60 |
| 3810.00 | -0.60 |
| 3812.00 | -0.60 |
| 3814.00 | -0.60 |
| 3816.00 | -0.60 |
| 3818.00 | -0.60 |
| 3820.00 | -0.60 |
| 3822.00 | -0.60 |
| 3824.00 | -0.60 |
| 3826.00 | -0.60 |
| 3828.00 | -0.60 |
| 3830.00 | -0.60 |
| 3832.00 | -0.60 |
| 3834.00 | -0.60 |
| 3836.00 | -0.60 |
| 3838.00 | -0.59 |
| 3840.00 | -0.59 |
| 3842.00 | -0.59 |
| 3844.00 | -0.60 |
| 3846.00 | -0.60 |
| 3848.00 | -0.59 |



CHM 003 1303

| Elapsed Time | Value |
|---|---|
| 3850.00 | -0.59 |
| 3852.00 | -0.59 |
| 3854.00 | -0.59 |
| 3856.00 | -0.59 |
| 3858.00 | -0.59 |
| 3860.00 | -0.59 |
| 3862.00 | -0.59 |
| 3864.00 | -0.58 |
| 3866.00 | -0.58 |
| 3868.00 | -0.58 |
| 3870.00 | -0.58 |
| 3872.00 | -0.58 |
| 3874.00 | -0.58 |
| 3876.00 | -0.58 |
| 3878.00 | -0.58 |
| 3880.00 | -0.58 |
| 3882.00 | -0.58 |
| 3884.00 | -0.58 |
| 3886.00 | -0.58 |
| 3888.00 | -0.58 |
| 3890.00 | -0.58 |
| 3892.00 | -0.58 |
| 3894.00 | -0.58 |
| 3896.00 | -0.58 |
| 3898.00 | -0.58 |
| 3900.00 | -0.58 |
| 3902.00 | -0.58 |
| 3904.00 | -0.58 |
| 3906.00 | -0.58 |
| 3908.00 | -0.58 |
| 3910.00 | -0.58 |
| 3912.00 | -0.58 |
| 3914.00 | -0.58 |
| 3916.00 | -0.58 |
| 3918.00 | -0.57 |
| 3920.00 | -0.57 |
| 3922.00 | -0.57 |
| 3924.00 | -0.57 |
| 3926.00 | -0.57 |
| 3928.00 | -0.57 |
| 3930.00 | -0.57 |
| 3932.00 | -0.57 |
| 3934.00 | -0.57 |
| 3936.00 | -0.57 |
| 3938.00 | -0.57 |
| 3940.00 | -0.57 |
| 3942.00 | -0.57 |
| 3944.00 | -0.57 |
| 3946.00 | -0.57 |
| 3948.00 | -0.57 |
| 3950.00 | -0.57 |
| 3952.00 | -0.57 |
| 3954.00 | -0.57 |
| 3956.00 | -0.57 |



CHM 003 1304

| Elapsed Time | Value |
|---|---|
| 3958.00 | -0.57 |
| 3960.00 | -0.57 |
| 3962.00 | -0.56 |
| 3964.00 | -0.57 |
| 3966.00 | -0.57 |
| 3968.00 | -0.57 |
| 3970.00 | -0.57 |
| 3972.00 | -0.57 |
| 3974.00 | -0.57 |
| 3976.00 | -0.57 |
| 3978.00 | -0.57 |
| 3980.00 | -0.57 |
| 3982.00 | -0.57 |
| 3984.00 | -0.57 |
| 3986.00 | -0.57 |
| 3988.00 | -0.57 |
| 3990.00 | -0.57 |
| 3992.00 | -0.57 |
| 3994.00 | -0.57 |
| 3996.00 | -0.57 |
| 3998.00 | -0.57 |
| 4000.00 | -0.57 |
| 4002.00 | -0.57 |
| 4004.00 | -0.57 |
| 4006.00 | -0.57 |
| 4008.00 | -0.56 |
| 4010.00 | -0.57 |
| 4012.00 | -0.56 |
| 4014.00 | -0.56 |
| 4016.00 | -0.56 |
| 4018.00 | -0.56 |
| 4020.00 | -0.56 |
| 4022.00 | -0.56 |
| 4024.00 | -0.56 |
| 4026.00 | -0.56 |
| 4028.00 | -0.56 |
| 4030.00 | -0.56 |
| 4032.00 | -0.55 |
| 4034.00 | -0.56 |
| 4036.00 | -0.55 |
| 4038.00 | -0.56 |
| 4040.00 | -0.56 |
| 4042.00 | -0.56 |
| 4044.00 | -0.56 |
| 4046.00 | -0.56 |
| 4048.00 | -0.55 |
| 4050.00 | -0.55 |
| 4052.00 | -0.55 |
| 4054.00 | -0.56 |
| 4056.00 | -0.55 |
| 4058.00 | -0.55 |
| 4060.00 | -0.55 |
| 4062.00 | -0.55 |
| 4064.00 | -0.55 |



CHM 003 1305

| Elapsed Time | Value |
|---|---|
| 4066.00 | -0.55 |
| 4068.00 | -0.56 |
| 4070.00 | -0.56 |
| 4072.00 | -0.56 |
| 4074.00 | -0.56 |
| 4076.00 | -0.56 |
| 4078.00 | -0.56 |
| 4080.00 | -0.56 |
| 4082.00 | -0.56 |
| 4084.00 | -0.56 |
| 4086.00 | -0.56 |
| 4088.00 | -0.56 |
| 4090.00 | -0.56 |
| 4092.00 | -0.56 |
| 4094.00 | -0.56 |
| 4096.00 | -0.55 |
| 4098.00 | -0.55 |
| 4100.00 | -0.55 |
| 4102.00 | -0.55 |
| 4104.00 | -0.55 |
| 4106.00 | -0.55 |
| 4108.00 | -0.55 |
| 4110.00 | -0.55 |
| 4112.00 | -0.55 |
| 4114.00 | -0.55 |
| 4116.00 | -0.55 |
| 4118.00 | -0.55 |
| 4120.00 | -0.55 |
| 4122.00 | -0.55 |
| 4124.00 | -0.55 |
| 4126.00 | -0.55 |
| 4128.00 | -0.55 |
| 4130.00 | -0.55 |
| 4132.00 | -0.55 |
| 4134.00 | -0.55 |
| 4136.00 | -0.55 |
| 4138.00 | -0.55 |
| 4140.00 | -0.55 |
| 4142.00 | -0.55 |
| 4144.00 | -0.55 |
| 4146.00 | -0.55 |
| 4148.00 | -0.55 |
| 4150.00 | -0.55 |
| 4152.00 | -0.55 |
| 4154.00 | -0.55 |
| 4156.00 | -0.55 |
| 4158.00 | -0.55 |
| 4160.00 | -0.55 |
| 4162.00 | -0.55 |
| 4164.00 | -0.55 |
| 4166.00 | -0.55 |
| 4168.00 | -0.55 |
| 4170.00 | -0.55 |
| 4172.00 | -0.55 |

| Elapsed Time | Value |
|---|---|
| 4174.00 | -0.55 |
| 4176.00 | -0.55 |
| 4178.00 | -0.55 |
| 4180.00 | -0.55 |
| 4182.00 | -0.55 |
| 4184.00 | -0.55 |
| 4186.00 | -0.55 |
| 4188.00 | -0.54 |
| 4190.00 | -0.54 |
| 4192.00 | -0.54 |
| 4194.00 | -0.54 |
| 4196.00 | -0.54 |
| 4198.00 | -0.54 |
| 4200.00 | -0.54 |
| 4202.00 | -0.54 |
| 4204.00 | -0.54 |
| 4206.00 | -0.54 |
| 4208.00 | -0.54 |
| 4210.00 | -0.54 |
| 4212.00 | -0.54 |
| 4214.00 | -0.54 |
| 4216.00 | -0.54 |
| 4218.00 | -0.54 |
| 4220.00 | -0.54 |
| 4222.00 | -0.54 |
| 4224.00 | -0.54 |
| 4226.00 | -0.54 |
| 4228.00 | -0.54 |
| 4230.00 | -0.54 |
| 4232.00 | -0.54 |
| 4234.00 | -0.54 |
| 4236.00 | -0.54 |
| 4238.00 | -0.54 |
| 4240.00 | -0.54 |
| 4242.00 | -0.54 |
| 4244.00 | -0.54 |
| 4246.00 | -0.54 |
| 4248.00 | -0.54 |
| 4250.00 | -0.54 |
| 4252.00 | -0.54 |
| 4254.00 | -0.53 |
| 4256.00 | -0.53 |
| 4258.00 | -0.54 |
| 4260.00 | -0.53 |
| 4262.00 | -0.53 |
| 4264.00 | -0.53 |
| 4266.00 | -0.53 |
| 4268.00 | -0.53 |
| 4270.00 | -0.53 |
| 4272.00 | -0.53 |
| 4274.00 | -0.53 |
| 4276.00 | -0.53 |
| 4278.00 | -0.53 |
| 4280.00 | -0.53 |



CHM 003 1307

| Elapsed Time | Value |
|---|---|
| 4282.00 | -0.53 |
| 4284.00 | -0.53 |
| 4286.00 | -0.52 |
| 4288.00 | -0.52 |
| 4290.00 | -0.50 |
| 4292.00 | -0.49 |
| 4294.00 | -0.47 |
| 4296.00 | -0.45 |
| 4298.00 | -0.42 |
| 4300.00 | -0.39 |
| 4302.00 | -0.38 |
| 4304.00 | -0.35 |
| 4306.00 | -0.32 |
| 4308.00 | -0.30 |
| 4310.00 | -0.28 |
| 4312.00 | -0.26 |
| 4314.00 | -0.24 |
| 4316.00 | -0.22 |
| 4318.00 | -0.21 |
| 4320.00 | -0.20 |
| 4322.00 | -0.19 |
| 4324.00 | -0.17 |
| 4326.00 | -0.16 |
| 4328.00 | -0.15 |
| 4330.00 | -0.13 |
| 4332.00 | -0.13 |
| 4334.00 | -0.12 |
| 4336.00 | -0.12 |
| 4338.00 | -0.10 |
| 4340.00 | -0.10 |
| 4342.00 | -0.09 |
| 4344.00 | -0.08 |
| 4346.00 | -0.08 |
| 4348.00 | -0.07 |
| 4350.00 | -0.07 |
| 4352.00 | -0.06 |
| 4354.00 | -0.06 |
| 4356.00 | -0.05 |
| 4358.00 | -0.05 |
| 4360.00 | -0.04 |
| 4362.00 | -0.04 |
| 4364.00 | -0.03 |
| 4366.00 | -0.03 |
| 4368.00 | -0.02 |
| 4370.00 | -0.02 |
| 4372.00 | -0.01 |
| 4374.00 | -0.01 |
| 4376.00 | -0.00 |
| 4378.00 | 0.00 |
| 4380.00 | 0.00 |
| 4382.00 | 0.00 |
| 4384.00 | 0.01 |
| 4386.00 | 0.01 |
| 4388.00 | 0.01 |



CHM 003 1308

| Elapsed Time | Value |
|---|---|
| 4390.00 | 0.02 |
| 4392.00 | 0.03 |
| 4394.00 | 0.03 |
| 4396.00 | 0.03 |
| 4398.00 | 0.04 |
| 4400.00 | 0.05 |
| 4402.00 | 0.05 |
| 4404.00 | 0.05 |
| 4406.00 | 0.05 |
| 4408.00 | 0.06 |
| 4410.00 | 0.06 |
| 4412.00 | 0.06 |
| 4414.00 | 0.07 |
| 4416.00 | 0.08 |
| 4418.00 | 0.07 |
| 4420.00 | 0.05 |
| 4422.00 | 0.03 |
| 4424.00 | 0.01 |
| 4426.00 | -0.01 |
| 4428.00 | -0.03 |
| 4430.00 | -0.06 |
| 4432.00 | -0.08 |
| 4434.00 | -0.10 |
| 4436.00 | -0.12 |
| 4438.00 | -0.15 |
| 4440.00 | -0.17 |
| 4442.00 | -0.18 |
| 4444.00 | -0.20 |
| 4446.00 | -0.21 |
| 4448.00 | -0.23 |
| 4450.00 | -0.24 |
| 4452.00 | -0.25 |
| 4454.00 | -0.26 |
| 4456.00 | -0.27 |
| 4458.00 | -0.27 |
| 4460.00 | -0.29 |
| 4462.00 | -0.30 |
| 4464.00 | -0.30 |
| 4466.00 | -0.31 |
| 4468.00 | -0.31 |
| 4470.00 | -0.32 |
| 4472.00 | -0.32 |
| 4474.00 | -0.32 |
| 4476.00 | -0.33 |
| 4478.00 | -0.33 |
| 4480.00 | -0.34 |
| 4482.00 | -0.34 |
| 4484.00 | -0.34 |
| 4486.00 | -0.35 |
| 4488.00 | -0.35 |
| 4490.00 | -0.36 |
| 4492.00 | -0.36 |
| 4494.00 | -0.36 |
| 4496.00 | -0.36 |



CHM 003 1309

| Elapsed Time | Value |
|---|---|
| 4498.00 | -0.37 |
| 4500.00 | -0.37 |
| 4502.00 | -0.37 |
| 4504.00 | -0.38 |
| 4506.00 | -0.38 |
| 4508.00 | -0.38 |
| 4510.00 | -0.38 |
| 4512.00 | -0.38 |
| 4514.00 | -0.38 |
| 4516.00 | -0.38 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 6 PUMP ZONE: 267' - 287' IN C-2

WELL ID: DMW-2

SE1000B
Environmental Logger
12/06 13:52

Unit# 01010 Test# 0

INPUT 2: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 20.02 |
| Offset | - 0.02 |

Step# 0 12/03 09:40

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | -0.00 |
| 10.0000 | 0.00 |
| 12.0000 | -0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.00 |
| 24.0000 | 0.00 |
| 26.0000 | 0.00 |
| 28.0000 | 0.00 |
| 30.0000 | 0.00 |
| 32.0000 | 0.00 |
| 34.0000 | 0.00 |
| 36.0000 | 0.00 |
| 38.0000 | 0.00 |
| 40.0000 | 0.00 |
| 42.0000 | 0.00 |
| 44.0000 | 0.00 |
| 46.0000 | 0.00 |
| 48.0000 | 0.00 |
| 50.0000 | 0.00 |
| 52.0000 | 0.00 |
| 54.0000 | 0.00 |
| 56.0000 | 0.00 |
| 58.0000 | 0.00 |
| 60.0000 | 0.00 |
| 62.0000 | 0.00 |
| 64.0000 | 0.00 |
| 66.0000 | 0.00 |
| 68.0000 | 0.00 |

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.01 |
| 72.0000 | 0.00 |
| 74.0000 | 0.01 |
| 76.0000 | 0.00 |
| 78.0000 | 0.01 |
| 80.0000 | 0.01 |
| 82.0000 | 0.01 |
| 84.0000 | 0.01 |
| 86.0000 | 0.01 |
| 88.0000 | 0.01 |
| 90.0000 | 0.01 |
| 92.0000 | 0.01 |
| 94.0000 | 0.01 |
| 96.0000 | 0.01 |
| 98.0000 | 0.01 |
| 100.000 | 0.01 |
| 102.000 | 0.01 |
| 104.000 | 0.01 |
| 106.000 | 0.01 |
| 108.000 | 0.01 |
| 110.000 | 0.01 |
| 112.000 | 0.01 |
| 114.000 | 0.01 |
| 116.000 | 0.01 |
| 118.000 | 0.01 |
| 120.000 | 0.02 |
| 122.000 | 0.02 |
| 124.000 | 0.02 |
| 126.000 | 0.02 |
| 128.000 | 0.02 |
| 130.000 | 0.02 |
| 132.000 | 0.02 |
| 134.000 | 0.02 |
| 136.000 | 0.02 |
| 138.000 | 0.02 |
| 140.000 | 0.02 |
| 142.000 | 0.02 |
| 144.000 | 0.02 |
| 146.000 | 0.02 |
| 148.000 | 0.02 |
| 150.000 | 0.02 |
| 152.000 | 0.02 |
| 154.000 | 0.03 |
| 156.000 | 0.03 |
| 158.000 | 0.03 |
| 160.000 | 0.03 |
| 162.000 | 0.03 |
| 164.000 | 0.03 |
| 166.000 | 0.03 |
| 168.000 | 0.03 |
| 170.000 | 0.03 |
| 172.000 | 0.03 |
| 174.000 | 0.03 |
| 176.000 | 0.03 |



CHM 003 1312

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.03 |
| 180.000 | 0.03 |
| 182.000 | 0.03 |
| 184.000 | 0.03 |
| 186.000 | 0.03 |
| 188.000 | 0.03 |
| 190.000 | 0.03 |
| 192.000 | 0.03 |
| 194.000 | 0.03 |
| 196.000 | 0.03 |
| 198.000 | 0.03 |
| 200.000 | 0.03 |
| 202.000 | 0.04 |
| 204.000 | 0.03 |
| 206.000 | 0.04 |
| 208.000 | 0.04 |
| 210.000 | 0.04 |
| 212.000 | 0.04 |
| 214.000 | 0.04 |
| 216.000 | 0.04 |
| 218.000 | 0.04 |
| 220.000 | 0.04 |
| 222.000 | 0.04 |
| 224.000 | 0.05 |
| 226.000 | 0.05 |
| 228.000 | 0.05 |
| 230.000 | 0.04 |
| 232.000 | 0.04 |
| 234.000 | 0.04 |
| 236.000 | 0.04 |
| 238.000 | 0.04 |
| 240.000 | 0.04 |
| 242.000 | 0.05 |
| 244.000 | 0.05 |
| 246.000 | 0.05 |
| 248.000 | 0.05 |
| 250.000 | 0.04 |
| 252.000 | 0.05 |
| 254.000 | 0.04 |
| 256.000 | 0.04 |
| 258.000 | 0.04 |
| 260.000 | 0.04 |
| 262.000 | 0.05 |
| 264.000 | 0.04 |
| 266.000 | 0.04 |
| 268.000 | 0.03 |
| 270.000 | 0.03 |
| 272.000 | 0.04 |
| 274.000 | 0.04 |
| 276.000 | 0.04 |
| 278.000 | 0.04 |
| 280.000 | 0.04 |
| 282.000 | 0.04 |
| 284.000 | 0.04 |



CHM 003 1313

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.04 |
| 288.000 | 0.04 |
| 290.000 | 0.04 |
| 292.000 | 0.04 |
| 294.000 | 0.04 |
| 296.000 | 0.04 |
| 298.000 | 0.04 |
| 300.000 | 0.04 |
| 302.000 | 0.04 |
| 304.000 | 0.04 |
| 306.000 | 0.04 |
| 308.000 | 0.05 |
| 310.000 | 0.04 |
| 312.000 | 0.04 |
| 314.000 | 0.05 |
| 316.000 | 0.04 |
| 318.000 | 0.04 |
| 320.000 | 0.04 |
| 322.000 | 0.05 |
| 324.000 | 0.05 |
| 326.000 | 0.05 |
| 328.000 | 0.05 |
| 330.000 | 0.05 |
| 332.000 | 0.05 |
| 334.000 | 0.05 |
| 336.000 | 0.05 |
| 338.000 | 0.05 |
| 340.000 | 0.05 |
| 342.000 | 0.05 |
| 344.000 | 0.05 |
| 346.000 | 0.05 |
| 348.000 | 0.05 |
| 350.000 | 0.05 |
| 352.000 | 0.05 |
| 354.000 | 0.05 |
| 356.000 | 0.05 |
| 358.000 | 0.05 |
| 360.000 | 0.05 |
| 362.000 | 0.05 |
| 364.000 | 0.05 |
| 366.000 | 0.05 |
| 368.000 | 0.05 |
| 370.000 | 0.05 |
| 372.000 | 0.05 |
| 374.000 | 0.05 |
| 376.000 | 0.05 |
| 378.000 | 0.05 |
| 380.000 | 0.05 |
| 382.000 | 0.05 |
| 384.000 | 0.05 |
| 386.000 | 0.05 |
| 388.000 | 0.05 |
| 390.000 | 0.05 |
| 392.000 | 0.05 |



CHM 003 1314

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.05 |
| 396.000 | 0.05 |
| 398.000 | 0.05 |
| 400.000 | 0.05 |
| 402.000 | 0.05 |
| 404.000 | 0.05 |
| 406.000 | 0.05 |
| 408.000 | 0.05 |
| 410.000 | 0.05 |
| 412.000 | 0.05 |
| 414.000 | 0.05 |
| 416.000 | 0.05 |
| 418.000 | 0.05 |
| 420.000 | 0.05 |
| 422.000 | 0.05 |
| 424.000 | 0.05 |
| 426.000 | 0.05 |
| 428.000 | 0.05 |
| 430.000 | 0.05 |
| 432.000 | 0.05 |
| 434.000 | 0.05 |
| 436.000 | 0.05 |
| 438.000 | 0.05 |
| 440.000 | 0.05 |
| 442.000 | 0.06 |
| 444.000 | 0.05 |
| 446.000 | 0.05 |
| 448.000 | 0.05 |
| 450.000 | 0.06 |
| 452.000 | 0.05 |
| 454.000 | 0.05 |
| 456.000 | 0.06 |
| 458.000 | 0.06 |
| 460.000 | 0.06 |
| 462.000 | 0.06 |
| 464.000 | 0.06 |
| 466.000 | 0.06 |
| 468.000 | 0.06 |
| 470.000 | 0.06 |
| 472.000 | 0.06 |
| 474.000 | 0.06 |
| 476.000 | 0.06 |
| 478.000 | 0.06 |
| 480.000 | 0.06 |
| 482.000 | 0.06 |
| 484.000 | 0.06 |
| 486.000 | 0.06 |
| 488.000 | 0.06 |
| 490.000 | 0.06 |
| 492.000 | 0.05 |
| 494.000 | 0.06 |
| 496.000 | 0.06 |
| 498.000 | 0.06 |
| 500.000 | 0.06 |

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.06 |
| 504.000 | 0.06 |
| 506.000 | 0.06 |
| 508.000 | 0.06 |
| 510.000 | 0.06 |
| 512.000 | 0.06 |
| 514.000 | 0.06 |
| 516.000 | 0.06 |
| 518.000 | 0.06 |
| 520.000 | 0.06 |
| 522.000 | 0.06 |
| 524.000 | 0.06 |
| 526.000 | 0.06 |
| 528.000 | 0.06 |
| 530.000 | 0.06 |
| 532.000 | 0.06 |
| 534.000 | 0.06 |
| 536.000 | 0.06 |
| 538.000 | 0.06 |
| 540.000 | 0.06 |
| 542.000 | 0.06 |
| 544.000 | 0.06 |
| 546.000 | 0.06 |
| 548.000 | 0.06 |
| 550.000 | 0.06 |
| 552.000 | 0.06 |
| 554.000 | 0.06 |
| 556.000 | 0.06 |
| 558.000 | 0.06 |
| 560.000 | 0.06 |
| 562.000 | 0.06 |
| 564.000 | 0.06 |
| 566.000 | 0.06 |
| 568.000 | 0.06 |
| 570.000 | 0.06 |
| 572.000 | 0.06 |
| 574.000 | 0.06 |
| 576.000 | 0.06 |
| 578.000 | 0.06 |
| 580.000 | 0.06 |
| 582.000 | 0.06 |
| 584.000 | 0.06 |
| 586.000 | 0.06 |
| 588.000 | 0.07 |
| 590.000 | 0.07 |
| 592.000 | 0.07 |
| 594.000 | 0.07 |
| 596.000 | 0.07 |
| 598.000 | 0.07 |
| 600.000 | 0.07 |
| 602.000 | 0.07 |
| 604.000 | 0.07 |
| 606.000 | 0.07 |
| 608.000 | 0.07 |



CHM 003 1316

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.07 |
| 612.000 | 0.07 |
| 614.000 | 0.07 |
| 616.000 | 0.07 |
| 618.000 | 0.07 |
| 620.000 | 0.07 |
| 622.000 | 0.07 |
| 624.000 | 0.07 |
| 626.000 | 0.07 |
| 628.000 | 0.07 |
| 630.000 | 0.07 |
| 632.000 | 0.07 |
| 634.000 | 0.07 |
| 636.000 | 0.07 |
| 638.000 | 0.07 |
| 640.000 | 0.07 |
| 642.000 | 0.07 |
| 644.000 | 0.07 |
| 646.000 | 0.07 |
| 648.000 | 0.07 |
| 650.000 | 0.07 |
| 652.000 | 0.07 |
| 654.000 | 0.07 |
| 656.000 | 0.06 |
| 658.000 | 0.07 |
| 660.000 | 0.07 |
| 662.000 | 0.07 |
| 664.000 | 0.07 |
| 666.000 | 0.07 |
| 668.000 | 0.07 |
| 670.000 | 0.07 |
| 672.000 | 0.06 |
| 674.000 | 0.06 |
| 676.000 | 0.06 |
| 678.000 | 0.06 |
| 680.000 | 0.06 |
| 682.000 | 0.06 |
| 684.000 | 0.06 |
| 686.000 | 0.06 |
| 688.000 | 0.06 |
| 690.000 | 0.06 |
| 692.000 | 0.07 |
| 694.000 | 0.07 |
| 696.000 | 0.07 |
| 698.000 | 0.07 |
| 700.000 | 0.07 |
| 702.000 | 0.07 |
| 704.000 | 0.07 |
| 706.000 | 0.07 |
| 708.000 | 0.07 |
| 710.000 | 0.07 |
| 712.000 | 0.07 |
| 714.000 | 0.07 |
| 716.000 | 0.07 |

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.07 |
| 720.000 | 0.07 |
| 722.000 | 0.07 |
| 724.000 | 0.07 |
| 726.000 | 0.07 |
| 728.000 | 0.07 |
| 730.000 | 0.07 |
| 732.000 | 0.07 |
| 734.000 | 0.08 |
| 736.000 | 0.08 |
| 738.000 | 0.08 |
| 740.000 | 0.08 |
| 742.000 | 0.08 |
| 744.000 | 0.08 |
| 746.000 | 0.08 |
| 748.000 | 0.08 |
| 750.000 | 0.08 |
| 752.000 | 0.08 |
| 754.000 | 0.08 |
| 756.000 | 0.08 |
| 758.000 | 0.08 |
| 760.000 | 0.08 |
| 762.000 | 0.08 |
| 764.000 | 0.08 |
| 766.000 | 0.08 |
| 768.000 | 0.08 |
| 770.000 | 0.08 |
| 772.000 | 0.08 |
| 774.000 | 0.08 |
| 776.000 | 0.08 |
| 778.000 | 0.08 |
| 780.000 | 0.08 |
| 782.000 | 0.08 |
| 784.000 | 0.08 |
| 786.000 | 0.08 |
| 788.000 | 0.08 |
| 790.000 | 0.08 |
| 792.000 | 0.08 |
| 794.000 | 0.08 |
| 796.000 | 0.08 |
| 798.000 | 0.08 |
| 800.000 | 0.08 |
| 802.000 | 0.08 |
| 804.000 | 0.08 |
| 806.000 | 0.08 |
| 808.000 | 0.08 |
| 810.000 | 0.08 |
| 812.000 | 0.08 |
| 814.000 | 0.08 |
| 816.000 | 0.08 |
| 818.000 | 0.08 |
| 820.000 | 0.08 |
| 822.000 | 0.08 |
| 824.000 | 0.08 |

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.08 |
| 828.000 | 0.08 |
| 830.000 | 0.08 |
| 832.000 | 0.08 |
| 834.000 | 0.08 |
| 836.000 | 0.08 |
| 838.000 | 0.08 |
| 840.000 | 0.08 |
| 842.000 | 0.08 |
| 844.000 | 0.08 |
| 846.000 | 0.08 |
| 848.000 | 0.08 |
| 850.000 | 0.08 |
| 852.000 | 0.08 |
| 854.000 | 0.08 |
| 856.000 | 0.08 |
| 858.000 | 0.08 |
| 860.000 | 0.08 |
| 862.000 | 0.08 |
| 864.000 | 0.08 |
| 866.000 | 0.08 |
| 868.000 | 0.08 |
| 870.000 | 0.08 |
| 872.000 | 0.08 |
| 874.000 | 0.08 |
| 876.000 | 0.08 |
| 878.000 | 0.08 |
| 880.000 | 0.08 |
| 882.000 | 0.09 |
| 884.000 | 0.08 |
| 886.000 | 0.08 |
| 888.000 | 0.08 |
| 890.000 | 0.08 |
| 892.000 | 0.08 |
| 894.000 | 0.08 |
| 896.000 | 0.08 |
| 898.000 | 0.08 |
| 900.000 | 0.08 |
| 902.000 | 0.08 |
| 904.000 | 0.08 |
| 906.000 | 0.08 |
| 908.000 | 0.08 |
| 910.000 | 0.08 |
| 912.000 | 0.08 |
| 914.000 | 0.08 |
| 916.000 | 0.08 |
| 918.000 | 0.08 |
| 920.000 | 0.08 |
| 922.000 | 0.08 |
| 924.000 | 0.08 |
| 926.000 | 0.09 |
| 928.000 | 0.08 |
| 930.000 | 0.08 |
| 932.000 | 0.08 |



CHM 003 1319

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.08 |
| 936.000 | 0.08 |
| 938.000 | 0.08 |
| 940.000 | 0.08 |
| 942.000 | 0.08 |
| 944.000 | 0.08 |
| 946.000 | 0.08 |
| 948.000 | 0.08 |
| 950.000 | 0.08 |
| 952.000 | 0.09 |
| 954.000 | 0.08 |
| 956.000 | 0.08 |
| 958.000 | 0.09 |
| 960.000 | 0.08 |
| 962.000 | 0.08 |
| 964.000 | 0.09 |
| 966.000 | 0.08 |
| 968.000 | 0.08 |
| 970.000 | 0.08 |
| 972.000 | 0.08 |
| 974.000 | 0.08 |
| 976.000 | 0.08 |
| 978.000 | 0.08 |
| 980.000 | 0.08 |
| 982.000 | 0.08 |
| 984.000 | 0.08 |
| 986.000 | 0.08 |
| 988.000 | 0.08 |
| 990.000 | 0.08 |
| 992.000 | 0.08 |
| 994.000 | 0.08 |
| 996.000 | 0.08 |
| 998.000 | 0.08 |
| 1000.00 | 0.08 |
| 1002.00 | 0.08 |
| 1004.00 | 0.08 |
| 1006.00 | 0.08 |
| 1008.00 | 0.08 |
| 1010.00 | 0.08 |
| 1012.00 | 0.08 |
| 1014.00 | 0.08 |
| 1016.00 | 0.08 |
| 1018.00 | 0.08 |
| 1020.00 | 0.08 |
| 1022.00 | 0.08 |
| 1024.00 | 0.08 |
| 1026.00 | 0.08 |
| 1028.00 | 0.08 |
| 1030.00 | 0.08 |
| 1032.00 | 0.08 |
| 1034.00 | 0.08 |
| 1036.00 | 0.08 |
| 1038.00 | 0.07 |
| 1040.00 | 0.07 |



CHM 003 1320

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.08 |
| 1044.00 | 0.07 |
| 1046.00 | 0.07 |
| 1048.00 | 0.07 |
| 1050.00 | 0.07 |
| 1052.00 | 0.07 |
| 1054.00 | 0.07 |
| 1056.00 | 0.07 |
| 1058.00 | 0.07 |
| 1060.00 | 0.07 |
| 1062.00 | 0.07 |
| 1064.00 | 0.07 |
| 1066.00 | 0.06 |
| 1068.00 | 0.06 |
| 1070.00 | 0.06 |
| 1072.00 | 0.06 |
| 1074.00 | 0.06 |
| 1076.00 | 0.06 |
| 1078.00 | 0.06 |
| 1080.00 | 0.06 |
| 1082.00 | 0.06 |
| 1084.00 | 0.06 |
| 1086.00 | 0.06 |
| 1088.00 | 0.06 |
| 1090.00 | 0.06 |
| 1092.00 | 0.06 |
| 1094.00 | 0.06 |
| 1096.00 | 0.06 |
| 1098.00 | 0.06 |
| 1100.00 | 0.06 |
| 1102.00 | 0.06 |
| 1104.00 | 0.06 |
| 1106.00 | 0.06 |
| 1108.00 | 0.06 |
| 1110.00 | 0.06 |
| 1112.00 | 0.06 |
| 1114.00 | 0.05 |
| 1116.00 | 0.06 |
| 1118.00 | 0.05 |
| 1120.00 | 0.05 |
| 1122.00 | 0.05 |
| 1124.00 | 0.05 |
| 1126.00 | 0.05 |
| 1128.00 | 0.05 |
| 1130.00 | 0.05 |
| 1132.00 | 0.05 |
| 1134.00 | 0.05 |
| 1136.00 | 0.05 |
| 1138.00 | 0.05 |
| 1140.00 | 0.05 |
| 1142.00 | 0.05 |
| 1144.00 | 0.05 |
| 1146.00 | 0.05 |
| 1148.00 | 0.05 |



CHM 003 1321

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.05 |
| 1152.00 | 0.05 |
| 1154.00 | 0.05 |
| 1156.00 | 0.05 |
| 1158.00 | 0.05 |
| 1160.00 | 0.04 |
| 1162.00 | 0.04 |
| 1164.00 | 0.04 |
| 1166.00 | 0.04 |
| 1168.00 | 0.04 |
| 1170.00 | 0.04 |
| 1172.00 | 0.04 |
| 1174.00 | 0.03 |
| 1176.00 | 0.03 |
| 1178.00 | 0.03 |
| 1180.00 | 0.03 |
| 1182.00 | 0.03 |
| 1184.00 | 0.03 |
| 1186.00 | 0.03 |
| 1188.00 | 0.03 |
| 1190.00 | 0.03 |
| 1192.00 | 0.03 |
| 1194.00 | 0.03 |
| 1196.00 | 0.03 |
| 1198.00 | 0.03 |
| 1200.00 | 0.03 |
| 1202.00 | 0.03 |
| 1204.00 | 0.03 |
| 1206.00 | 0.03 |
| 1208.00 | 0.02 |
| 1210.00 | 0.02 |
| 1212.00 | 0.02 |
| 1214.00 | 0.02 |
| 1216.00 | 0.02 |
| 1218.00 | 0.02 |
| 1220.00 | 0.02 |
| 1222.00 | 0.02 |
| 1224.00 | 0.02 |
| 1226.00 | 0.02 |
| 1228.00 | 0.02 |
| 1230.00 | 0.02 |
| 1232.00 | 0.01 |
| 1234.00 | 0.01 |
| 1236.00 | 0.01 |
| 1238.00 | 0.01 |
| 1240.00 | 0.01 |
| 1242.00 | 0.01 |
| 1244.00 | 0.01 |
| 1246.00 | 0.01 |
| 1248.00 | 0.01 |
| 1250.00 | 0.01 |
| 1252.00 | 0.01 |
| 1254.00 | 0.01 |
| 1256.00 | 0.01 |



CHM 003 1322

| Elapsed Time | Value |
|---|---|
| 1258.00 | 0.01 |
| 1260.00 | 0.01 |
| 1262.00 | 0.01 |
| 1264.00 | 0.01 |
| 1266.00 | 0.01 |
| 1268.00 | 0.01 |
| 1270.00 | 0.01 |
| 1272.00 | 0.01 |
| 1274.00 | 0.01 |
| 1276.00 | 0.01 |
| 1278.00 | 0.01 |
| 1280.00 | 0.00 |
| 1282.00 | 0.00 |
| 1284.00 | 0.00 |
| 1286.00 | 0.00 |
| 1288.00 | 0.00 |
| 1290.00 | 0.01 |
| 1292.00 | 0.01 |
| 1294.00 | 0.00 |
| 1296.00 | 0.00 |
| 1298.00 | 0.00 |
| 1300.00 | 0.00 |
| 1302.00 | 0.00 |
| 1304.00 | 0.00 |
| 1306.00 | 0.00 |
| 1308.00 | 0.00 |
| 1310.00 | 0.00 |
| 1312.00 | 0.00 |
| 1314.00 | 0.00 |
| 1316.00 | 0.00 |
| 1318.00 | 0.00 |
| 1320.00 | 0.00 |
| 1322.00 | 0.00 |
| 1324.00 | 0.00 |
| 1326.00 | 0.00 |
| 1328.00 | 0.00 |
| 1330.00 | -0.00 |
| 1332.00 | 0.00 |
| 1334.00 | 0.00 |
| 1336.00 | 0.00 |
| 1338.00 | -0.00 |
| 1340.00 | -0.00 |
| 1342.00 | -0.00 |
| 1344.00 | -0.00 |
| 1346.00 | -0.00 |
| 1348.00 | -0.00 |
| 1350.00 | -0.00 |
| 1352.00 | -0.00 |
| 1354.00 | -0.00 |
| 1356.00 | -0.00 |
| 1358.00 | -0.00 |
| 1360.00 | -0.00 |
| 1362.00 | -0.00 |
| 1364.00 | -0.00 |

| Elapsed Time | Value |
|---|---|
| 1366.00 | -0.00 |
| 1368.00 | -0.00 |
| 1370.00 | -0.00 |
| 1372.00 | -0.00 |
| 1374.00 | -0.01 |
| 1376.00 | -0.00 |
| 1378.00 | -0.00 |
| 1380.00 | -0.01 |
| 1382.00 | -0.01 |
| 1384.00 | -0.00 |
| 1386.00 | -0.01 |
| 1388.00 | -0.01 |
| 1390.00 | -0.01 |
| 1392.00 | -0.01 |
| 1394.00 | -0.01 |
| 1396.00 | -0.01 |
| 1398.00 | -0.01 |
| 1400.00 | -0.01 |
| 1402.00 | -0.00 |
| 1404.00 | -0.00 |
| 1406.00 | -0.00 |
| 1408.00 | -0.01 |
| 1410.00 | -0.00 |
| 1412.00 | -0.00 |
| 1414.00 | -0.00 |
| 1416.00 | -0.00 |
| 1418.00 | -0.00 |
| 1420.00 | -0.00 |
| 1422.00 | -0.00 |
| 1424.00 | -0.00 |
| 1426.00 | -0.00 |
| 1428.00 | -0.00 |
| 1430.00 | -0.00 |
| 1432.00 | -0.00 |
| 1434.00 | -0.00 |
| 1436.00 | -0.00 |
| 1438.00 | -0.00 |
| 1440.00 | -0.00 |
| 1442.00 | -0.00 |
| 1444.00 | -0.00 |
| 1446.00 | -0.00 |
| 1448.00 | -0.00 |
| 1450.00 | -0.00 |
| 1452.00 | -0.00 |
| 1454.00 | -0.00 |
| 1456.00 | -0.00 |
| 1458.00 | -0.00 |
| 1460.00 | -0.00 |
| 1462.00 | -0.00 |
| 1464.00 | -0.00 |
| 1466.00 | -0.00 |
| 1468.00 | -0.00 |
| 1470.00 | -0.00 |
| 1472.00 | -0.01 |

| Elapsed Time | Value |
|---|---|
| 1474.00 | -0.01 |
| 1476.00 | -0.01 |
| 1478.00 | -0.01 |
| 1480.00 | -0.01 |
| 1482.00 | -0.01 |
| 1484.00 | -0.01 |
| 1486.00 | -0.01 |
| 1488.00 | -0.01 |
| 1490.00 | -0.01 |
| 1492.00 | -0.01 |
| 1494.00 | -0.01 |
| 1496.00 | -0.01 |
| 1498.00 | -0.01 |
| 1500.00 | -0.01 |
| 1502.00 | -0.01 |
| 1504.00 | -0.01 |
| 1506.00 | -0.01 |
| 1508.00 | -0.01 |
| 1510.00 | -0.01 |
| 1512.00 | -0.01 |
| 1514.00 | -0.01 |
| 1516.00 | -0.01 |
| 1518.00 | -0.01 |
| 1520.00 | -0.01 |
| 1522.00 | -0.01 |
| 1524.00 | -0.01 |
| 1526.00 | -0.01 |
| 1528.00 | -0.01 |
| 1530.00 | -0.01 |
| 1532.00 | -0.01 |
| 1534.00 | -0.01 |
| 1536.00 | -0.01 |
| 1538.00 | -0.01 |
| 1540.00 | -0.01 |
| 1542.00 | -0.01 |
| 1544.00 | -0.01 |
| 1546.00 | -0.01 |
| 1548.00 | -0.01 |
| 1550.00 | -0.01 |
| 1552.00 | -0.01 |
| 1554.00 | -0.01 |
| 1556.00 | -0.01 |
| 1558.00 | -0.01 |
| 1560.00 | -0.01 |
| 1562.00 | -0.01 |
| 1564.00 | -0.01 |
| 1566.00 | -0.01 |
| 1568.00 | -0.01 |
| 1570.00 | -0.01 |
| 1572.00 | -0.01 |
| 1574.00 | -0.01 |
| 1576.00 | -0.01 |
| 1578.00 | -0.01 |
| 1580.00 | -0.01 |



CHM 003 1325

| Elapsed Time | Value |
|---|---|
| 1582.00 | -0.01 |
| 1584.00 | -0.01 |
| 1586.00 | -0.01 |
| 1588.00 | -0.02 |
| 1590.00 | -0.02 |
| 1592.00 | -0.02 |
| 1594.00 | -0.02 |
| 1596.00 | -0.02 |
| 1598.00 | -0.02 |
| 1600.00 | -0.02 |
| 1602.00 | -0.02 |
| 1604.00 | -0.03 |
| 1606.00 | -0.03 |
| 1608.00 | -0.03 |
| 1610.00 | -0.03 |
| 1612.00 | -0.03 |
| 1614.00 | -0.03 |
| 1616.00 | -0.03 |
| 1618.00 | -0.03 |
| 1620.00 | -0.03 |
| 1622.00 | -0.03 |
| 1624.00 | -0.03 |
| 1626.00 | -0.03 |
| 1628.00 | -0.03 |
| 1630.00 | -0.03 |
| 1632.00 | -0.03 |
| 1634.00 | -0.03 |
| 1636.00 | -0.03 |
| 1638.00 | -0.03 |
| 1640.00 | -0.03 |
| 1642.00 | -0.03 |
| 1644.00 | -0.03 |
| 1646.00 | -0.03 |
| 1648.00 | -0.03 |
| 1650.00 | -0.03 |
| 1652.00 | -0.03 |
| 1654.00 | -0.03 |
| 1656.00 | -0.03 |
| 1658.00 | -0.03 |
| 1660.00 | -0.03 |
| 1662.00 | -0.03 |
| 1664.00 | -0.03 |
| 1666.00 | -0.03 |
| 1668.00 | -0.03 |
| 1670.00 | -0.03 |
| 1672.00 | -0.03 |
| 1674.00 | -0.03 |
| 1676.00 | -0.03 |
| 1678.00 | -0.03 |
| 1680.00 | -0.03 |
| 1682.00 | -0.03 |
| 1684.00 | -0.03 |
| 1686.00 | -0.03 |
| 1688.00 | -0.03 |



CHM 003 1326

| Elapsed Time | Value |
|---|---|
| 1690.00 | -0.03 |
| 1692.00 | -0.03 |
| 1694.00 | -0.03 |
| 1696.00 | -0.03 |
| 1698.00 | -0.03 |
| 1700.00 | -0.03 |
| 1702.00 | -0.03 |
| 1704.00 | -0.03 |
| 1706.00 | -0.03 |
| 1708.00 | -0.03 |
| 1710.00 | -0.03 |
| 1712.00 | -0.03 |
| 1714.00 | -0.03 |
| 1716.00 | -0.03 |
| 1718.00 | -0.04 |
| 1720.00 | -0.03 |
| 1722.00 | -0.03 |
| 1724.00 | -0.04 |
| 1726.00 | -0.04 |
| 1728.00 | -0.04 |
| 1730.00 | -0.04 |
| 1732.00 | -0.04 |
| 1734.00 | -0.04 |
| 1736.00 | -0.04 |
| 1738.00 | -0.04 |
| 1740.00 | -0.04 |
| 1742.00 | -0.04 |
| 1744.00 | -0.04 |
| 1746.00 | -0.04 |
| 1748.00 | -0.04 |
| 1750.00 | -0.04 |
| 1752.00 | -0.05 |
| 1754.00 | -0.05 |
| 1756.00 | -0.05 |
| 1758.00 | -0.05 |
| 1760.00 | -0.05 |
| 1762.00 | -0.05 |
| 1764.00 | -0.05 |
| 1766.00 | -0.05 |
| 1768.00 | -0.05 |
| 1770.00 | -0.05 |
| 1772.00 | -0.05 |
| 1774.00 | -0.05 |
| 1776.00 | -0.05 |
| 1778.00 | -0.05 |
| 1780.00 | -0.05 |
| 1782.00 | -0.05 |
| 1784.00 | -0.05 |
| 1786.00 | -0.05 |
| 1788.00 | -0.05 |
| 1790.00 | -0.05 |
| 1792.00 | -0.05 |
| 1794.00 | -0.05 |
| 1796.00 | -0.05 |

| Elapsed Time | Value |
|---|---|
| 1798.00 | -0.05 |
| 1800.00 | -0.05 |
| 1802.00 | -0.05 |
| 1804.00 | -0.05 |
| 1806.00 | -0.05 |
| 1808.00 | -0.06 |
| 1810.00 | -0.06 |
| 1812.00 | -0.06 |
| 1814.00 | -0.06 |
| 1816.00 | -0.06 |
| 1818.00 | -0.06 |
| 1820.00 | -0.06 |
| 1822.00 | -0.06 |
| 1824.00 | -0.06 |
| 1826.00 | -0.06 |
| 1828.00 | -0.06 |
| 1830.00 | -0.06 |
| 1832.00 | -0.06 |
| 1834.00 | -0.06 |
| 1836.00 | -0.06 |
| 1838.00 | -0.06 |
| 1840.00 | -0.06 |
| 1842.00 | -0.06 |
| 1844.00 | -0.06 |
| 1846.00 | -0.06 |
| 1848.00 | -0.06 |
| 1850.00 | -0.07 |
| 1852.00 | -0.06 |
| 1854.00 | -0.06 |
| 1856.00 | -0.07 |
| 1858.00 | -0.07 |
| 1860.00 | -0.07 |
| 1862.00 | -0.07 |
| 1864.00 | -0.07 |
| 1866.00 | -0.07 |
| 1868.00 | -0.07 |
| 1870.00 | -0.07 |
| 1872.00 | -0.07 |
| 1874.00 | -0.08 |
| 1876.00 | -0.08 |
| 1878.00 | -0.08 |
| 1880.00 | -0.08 |
| 1882.00 | -0.08 |
| 1884.00 | -0.08 |
| 1886.00 | -0.08 |
| 1888.00 | -0.08 |
| 1890.00 | -0.08 |
| 1892.00 | -0.08 |
| 1894.00 | -0.08 |
| 1896.00 | -0.08 |
| 1898.00 | -0.08 |
| 1900.00 | -0.08 |
| 1902.00 | -0.08 |
| 1904.00 | -0.08 |



CHM 003 1328

| Elapsed Time | Value |
|---|---|
| 1906.00 | -0.08 |
| 1908.00 | -0.08 |
| 1910.00 | -0.09 |
| 1912.00 | -0.09 |
| 1914.00 | -0.09 |
| 1916.00 | -0.09 |
| 1918.00 | -0.09 |
| 1920.00 | -0.09 |
| 1922.00 | -0.09 |
| 1924.00 | -0.09 |
| 1926.00 | -0.10 |
| 1928.00 | -0.10 |
| 1930.00 | -0.10 |
| 1932.00 | -0.10 |
| 1934.00 | -0.10 |
| 1936.00 | -0.10 |
| 1938.00 | -0.10 |
| 1940.00 | -0.10 |
| 1942.00 | -0.10 |
| 1944.00 | -0.10 |
| 1946.00 | -0.10 |
| 1948.00 | -0.10 |
| 1950.00 | -0.10 |
| 1952.00 | -0.10 |
| 1954.00 | -0.10 |
| 1956.00 | -0.10 |
| 1958.00 | -0.10 |
| 1960.00 | -0.10 |
| 1962.00 | -0.10 |
| 1964.00 | -0.10 |
| 1966.00 | -0.10 |
| 1968.00 | -0.11 |
| 1970.00 | -0.11 |
| 1972.00 | -0.11 |
| 1974.00 | -0.11 |
| 1976.00 | -0.11 |
| 1978.00 | -0.11 |
| 1980.00 | -0.11 |
| 1982.00 | -0.11 |
| 1984.00 | -0.11 |
| 1986.00 | -0.12 |
| 1988.00 | -0.12 |
| 1990.00 | -0.12 |
| 1992.00 | -0.12 |
| 1994.00 | -0.12 |
| 1996.00 | -0.12 |
| 1998.00 | -0.12 |
| 2000.00 | -0.12 |
| 2002.00 | -0.12 |
| 2004.00 | -0.12 |
| 2006.00 | -0.12 |
| 2008.00 | -0.12 |
| 2010.00 | -0.13 |
| 2012.00 | -0.13 |



CHM 003 1329

| Elapsed Time | Value |
|---|---|
| 2014.00 | -0.13 |
| 2016.00 | -0.13 |
| 2018.00 | -0.13 |
| 2020.00 | -0.13 |
| 2022.00 | -0.13 |
| 2024.00 | -0.13 |
| 2026.00 | -0.13 |
| 2028.00 | -0.13 |
| 2030.00 | -0.13 |
| 2032.00 | -0.13 |
| 2034.00 | -0.13 |
| 2036.00 | -0.13 |
| 2038.00 | -0.13 |
| 2040.00 | -0.13 |
| 2042.00 | -0.13 |
| 2044.00 | -0.14 |
| 2046.00 | -0.14 |
| 2048.00 | -0.14 |
| 2050.00 | -0.14 |
| 2052.00 | -0.14 |
| 2054.00 | -0.14 |
| 2056.00 | -0.14 |
| 2058.00 | -0.14 |
| 2060.00 | -0.15 |
| 2062.00 | -0.15 |
| 2064.00 | -0.14 |
| 2066.00 | -0.14 |
| 2068.00 | -0.15 |
| 2070.00 | -0.15 |
| 2072.00 | -0.15 |
| 2074.00 | -0.15 |
| 2076.00 | -0.15 |
| 2078.00 | -0.15 |
| 2080.00 | -0.15 |
| 2082.00 | -0.15 |
| 2084.00 | -0.15 |
| 2086.00 | -0.15 |
| 2088.00 | -0.15 |
| 2090.00 | -0.15 |
| 2092.00 | -0.15 |
| 2094.00 | -0.15 |
| 2096.00 | -0.15 |
| 2098.00 | -0.15 |
| 2100.00 | -0.15 |
| 2102.00 | -0.16 |
| 2104.00 | -0.16 |
| 2106.00 | -0.16 |
| 2108.00 | -0.16 |
| 2110.00 | -0.16 |
| 2112.00 | -0.16 |
| 2114.00 | -0.16 |
| 2116.00 | -0.16 |
| 2118.00 | -0.16 |
| 2120.00 | -0.16 |



CHM 003 1330

| Elapsed Time | Value |
|---|---|
| 2122.00 | -0.16 |
| 2124.00 | -0.17 |
| 2126.00 | -0.17 |
| 2128.00 | -0.17 |
| 2130.00 | -0.17 |
| 2132.00 | -0.17 |
| 2134.00 | -0.17 |
| 2136.00 | -0.17 |
| 2138.00 | -0.17 |
| 2140.00 | -0.17 |
| 2142.00 | -0.17 |
| 2144.00 | -0.17 |
| 2146.00 | -0.17 |
| 2148.00 | -0.17 |
| 2150.00 | -0.17 |
| 2152.00 | -0.17 |
| 2154.00 | -0.17 |
| 2156.00 | -0.17 |
| 2158.00 | -0.18 |
| 2160.00 | -0.18 |
| 2162.00 | -0.18 |
| 2164.00 | -0.18 |
| 2166.00 | -0.18 |
| 2168.00 | -0.18 |
| 2170.00 | -0.18 |
| 2172.00 | -0.18 |
| 2174.00 | -0.18 |
| 2176.00 | -0.18 |
| 2178.00 | -0.19 |
| 2180.00 | -0.18 |
| 2182.00 | -0.18 |
| 2184.00 | -0.19 |
| 2186.00 | -0.19 |
| 2188.00 | -0.19 |
| 2190.00 | -0.19 |
| 2192.00 | -0.19 |
| 2194.00 | -0.19 |
| 2196.00 | -0.19 |
| 2198.00 | -0.19 |
| 2200.00 | -0.20 |
| 2202.00 | -0.19 |
| 2204.00 | -0.20 |
| 2206.00 | -0.20 |
| 2208.00 | -0.20 |
| 2210.00 | -0.20 |
| 2212.00 | -0.20 |
| 2214.00 | -0.20 |
| 2216.00 | -0.20 |
| 2218.00 | -0.20 |
| 2220.00 | -0.20 |
| 2222.00 | -0.20 |
| 2224.00 | -0.20 |
| 2226.00 | -0.20 |
| 2228.00 | -0.20 |



CHM 003 1331

| Elapsed Time | Value |
|---|---|
| 2230.00 | -0.20 |
| 2232.00 | -0.20 |
| 2234.00 | -0.20 |
| 2236.00 | -0.20 |
| 2238.00 | -0.20 |
| 2240.00 | -0.21 |
| 2242.00 | -0.21 |
| 2244.00 | -0.21 |
| 2246.00 | -0.21 |
| 2248.00 | -0.22 |
| 2250.00 | -0.22 |
| 2252.00 | -0.22 |
| 2254.00 | -0.21 |
| 2256.00 | -0.22 |
| 2258.00 | -0.22 |
| 2260.00 | -0.22 |
| 2262.00 | -0.22 |
| 2264.00 | -0.22 |
| 2266.00 | -0.22 |
| 2268.00 | -0.22 |
| 2270.00 | -0.22 |
| 2272.00 | -0.22 |
| 2274.00 | -0.22 |
| 2276.00 | -0.22 |
| 2278.00 | -0.22 |
| 2280.00 | -0.22 |
| 2282.00 | -0.22 |
| 2284.00 | -0.23 |
| 2286.00 | -0.23 |
| 2288.00 | -0.23 |
| 2290.00 | -0.23 |
| 2292.00 | -0.23 |
| 2294.00 | -0.23 |
| 2296.00 | -0.23 |
| 2298.00 | -0.23 |
| 2300.00 | -0.23 |
| 2302.00 | -0.23 |
| 2304.00 | -0.23 |
| 2306.00 | -0.23 |
| 2308.00 | -0.23 |
| 2310.00 | -0.23 |
| 2312.00 | -0.24 |
| 2314.00 | -0.24 |
| 2316.00 | -0.24 |
| 2318.00 | -0.24 |
| 2320.00 | -0.24 |
| 2322.00 | -0.24 |
| 2324.00 | -0.24 |
| 2326.00 | -0.24 |
| 2328.00 | -0.24 |
| 2330.00 | -0.24 |
| 2332.00 | -0.24 |
| 2334.00 | -0.24 |
| 2336.00 | -0.24 |



CHM 003 1332

| Elapsed Time | Value |
|---|---|
| 2338.00 | -0.24 |
| 2340.00 | -0.24 |
| 2342.00 | -0.24 |
| 2344.00 | -0.24 |
| 2346.00 | -0.25 |
| 2348.00 | -0.24 |
| 2350.00 | -0.25 |
| 2352.00 | -0.25 |
| 2354.00 | -0.25 |
| 2356.00 | -0.25 |
| 2358.00 | -0.25 |
| 2360.00 | -0.25 |
| 2362.00 | -0.25 |
| 2364.00 | -0.25 |
| 2366.00 | -0.25 |
| 2368.00 | -0.25 |
| 2370.00 | -0.25 |
| 2372.00 | -0.26 |
| 2374.00 | -0.26 |
| 2376.00 | -0.26 |
| 2378.00 | -0.26 |
| 2380.00 | -0.26 |
| 2382.00 | -0.26 |
| 2384.00 | -0.27 |
| 2386.00 | -0.27 |
| 2388.00 | -0.26 |
| 2390.00 | -0.27 |
| 2392.00 | -0.27 |
| 2394.00 | -0.27 |
| 2396.00 | -0.27 |
| 2398.00 | -0.27 |
| 2400.00 | -0.27 |
| 2402.00 | -0.27 |
| 2404.00 | -0.27 |
| 2406.00 | -0.27 |
| 2408.00 | -0.27 |
| 2410.00 | -0.27 |
| 2412.00 | -0.27 |
| 2414.00 | -0.27 |
| 2416.00 | -0.28 |
| 2418.00 | -0.28 |
| 2420.00 | -0.28 |
| 2422.00 | -0.28 |
| 2424.00 | -0.29 |
| 2426.00 | -0.29 |
| 2428.00 | -0.29 |
| 2430.00 | -0.29 |
| 2432.00 | -0.29 |
| 2434.00 | -0.29 |
| 2436.00 | -0.29 |
| 2438.00 | -0.29 |
| 2440.00 | -0.30 |
| 2442.00 | -0.30 |
| 2444.00 | -0.30 |



CHM 003 1333

| Elapsed Time | Value |
|---|---|
| 2446.00 | -0.30 |
| 2448.00 | -0.30 |
| 2450.00 | -0.30 |
| 2452.00 | -0.31 |
| 2454.00 | -0.31 |
| 2456.00 | -0.31 |
| 2458.00 | -0.31 |
| 2460.00 | -0.31 |
| 2462.00 | -0.31 |
| 2464.00 | -0.31 |
| 2466.00 | -0.31 |
| 2468.00 | -0.31 |
| 2470.00 | -0.31 |
| 2472.00 | -0.31 |
| 2474.00 | -0.32 |
| 2476.00 | -0.32 |
| 2478.00 | -0.32 |
| 2480.00 | -0.32 |
| 2482.00 | -0.32 |
| 2484.00 | -0.32 |
| 2486.00 | -0.32 |
| 2488.00 | -0.32 |
| 2490.00 | -0.33 |
| 2492.00 | -0.33 |
| 2494.00 | -0.33 |
| 2496.00 | -0.34 |
| 2498.00 | -0.34 |
| 2500.00 | -0.34 |
| 2502.00 | -0.34 |
| 2504.00 | -0.34 |
| 2506.00 | -0.34 |
| 2508.00 | -0.34 |
| 2510.00 | -0.34 |
| 2512.00 | -0.34 |
| 2514.00 | -0.34 |
| 2516.00 | -0.34 |
| 2518.00 | -0.35 |
| 2520.00 | -0.35 |
| 2522.00 | -0.35 |
| 2524.00 | -0.35 |
| 2526.00 | -0.36 |
| 2528.00 | -0.36 |
| 2530.00 | -0.36 |
| 2532.00 | -0.36 |
| 2534.00 | -0.36 |
| 2536.00 | -0.36 |
| 2538.00 | -0.36 |
| 2540.00 | -0.36 |
| 2542.00 | -0.37 |
| 2544.00 | -0.37 |
| 2546.00 | -0.37 |
| 2548.00 | -0.37 |
| 2550.00 | -0.38 |
| 2552.00 | -0.38 |



CHM 003 1334

| Elapsed Time | Value |
|---|---|
| 2554.00 | -0.39 |
| 2556.00 | -0.39 |
| 2558.00 | -0.39 |
| 2560.00 | -0.39 |
| 2562.00 | -0.39 |
| 2564.00 | -0.40 |
| 2566.00 | -0.39 |
| 2568.00 | -0.40 |
| 2570.00 | -0.40 |
| 2572.00 | -0.40 |
| 2574.00 | -0.40 |
| 2576.00 | -0.40 |
| 2578.00 | -0.41 |
| 2580.00 | -0.41 |
| 2582.00 | -0.41 |
| 2584.00 | -0.41 |
| 2586.00 | -0.41 |
| 2588.00 | -0.41 |
| 2590.00 | -0.41 |
| 2592.00 | -0.41 |
| 2594.00 | -0.41 |
| 2596.00 | -0.41 |
| 2598.00 | -0.42 |
| 2600.00 | -0.42 |
| 2602.00 | -0.42 |
| 2604.00 | -0.42 |
| 2606.00 | -0.43 |
| 2608.00 | -0.43 |
| 2610.00 | -0.43 |
| 2612.00 | -0.43 |
| 2614.00 | -0.43 |
| 2616.00 | -0.43 |
| 2618.00 | -0.43 |
| 2620.00 | -0.43 |
| 2622.00 | -0.44 |
| 2624.00 | -0.44 |
| 2626.00 | -0.44 |
| 2628.00 | -0.44 |
| 2630.00 | -0.44 |
| 2632.00 | -0.44 |
| 2634.00 | -0.44 |
| 2636.00 | -0.45 |
| 2638.00 | -0.45 |
| 2640.00 | -0.45 |
| 2642.00 | -0.45 |
| 2644.00 | -0.45 |
| 2646.00 | -0.45 |
| 2648.00 | -0.46 |
| 2650.00 | -0.46 |
| 2652.00 | -0.46 |
| 2654.00 | -0.47 |
| 2656.00 | -0.46 |
| 2658.00 | -0.47 |
| 2660.00 | -0.47 |



CHM 003 1335

| Elapsed Time | Value |
|---|---|
| 2662.00 | -0.47 |
| 2664.00 | -0.47 |
| 2666.00 | -0.47 |
| 2668.00 | -0.47 |
| 2670.00 | -0.47 |
| 2672.00 | -0.48 |
| 2674.00 | -0.48 |
| 2676.00 | -0.48 |
| 2678.00 | -0.48 |
| 2680.00 | -0.48 |
| 2682.00 | -0.48 |
| 2684.00 | -0.48 |
| 2686.00 | -0.48 |
| 2688.00 | -0.48 |
| 2690.00 | -0.48 |
| 2692.00 | -0.48 |
| 2694.00 | -0.48 |
| 2696.00 | -0.49 |
| 2698.00 | -0.49 |
| 2700.00 | -0.49 |
| 2702.00 | -0.50 |
| 2704.00 | -0.50 |
| 2706.00 | -0.50 |
| 2708.00 | -0.50 |
| 2710.00 | -0.50 |
| 2712.00 | -0.50 |
| 2714.00 | -0.51 |
| 2716.00 | -0.51 |
| 2718.00 | -0.51 |
| 2720.00 | -0.51 |
| 2722.00 | -0.51 |
| 2724.00 | -0.51 |
| 2726.00 | -0.51 |
| 2728.00 | -0.51 |
| 2730.00 | -0.51 |
| 2732.00 | -0.52 |
| 2734.00 | -0.52 |
| 2736.00 | -0.52 |
| 2738.00 | -0.53 |
| 2740.00 | -0.53 |
| 2742.00 | -0.53 |
| 2744.00 | -0.53 |
| 2746.00 | -0.53 |
| 2748.00 | -0.53 |
| 2750.00 | -0.53 |
| 2752.00 | -0.53 |
| 2754.00 | -0.53 |
| 2756.00 | -0.53 |
| 2758.00 | -0.54 |
| 2760.00 | -0.54 |
| 2762.00 | -0.54 |
| 2764.00 | -0.54 |
| 2766.00 | -0.55 |
| 2768.00 | -0.55 |



CHM 003 1336

| Elapsed Time | Value |
|---|---|
| 2770.00 | -0.55 |
| 2772.00 | -0.55 |
| 2774.00 | -0.55 |
| 2776.00 | -0.55 |
| 2778.00 | -0.56 |
| 2780.00 | -0.56 |
| 2782.00 | -0.56 |
| 2784.00 | -0.56 |
| 2786.00 | -0.56 |
| 2788.00 | -0.56 |
| 2790.00 | -0.56 |
| 2792.00 | -0.56 |
| 2794.00 | -0.56 |
| 2796.00 | -0.56 |
| 2798.00 | -0.56 |
| 2800.00 | -0.57 |
| 2802.00 | -0.57 |
| 2804.00 | -0.57 |
| 2806.00 | -0.57 |
| 2808.00 | -0.57 |
| 2810.00 | -0.57 |
| 2812.00 | -0.57 |
| 2814.00 | -0.58 |
| 2816.00 | -0.58 |
| 2818.00 | -0.58 |
| 2820.00 | -0.58 |
| 2822.00 | -0.58 |
| 2824.00 | -0.58 |
| 2826.00 | -0.58 |
| 2828.00 | -0.58 |
| 2830.00 | -0.58 |
| 2832.00 | -0.58 |
| 2834.00 | -0.58 |
| 2836.00 | -0.58 |
| 2838.00 | -0.58 |
| 2840.00 | -0.58 |
| 2842.00 | -0.59 |
| 2844.00 | -0.59 |
| 2846.00 | -0.59 |
| 2848.00 | -0.60 |
| 2850.00 | -0.59 |
| 2852.00 | -0.60 |
| 2854.00 | -0.60 |
| 2856.00 | -0.60 |
| 2858.00 | -0.60 |
| 2860.00 | -0.60 |
| 2862.00 | -0.60 |
| 2864.00 | -0.60 |
| 2866.00 | -0.60 |
| 2868.00 | -0.60 |
| 2870.00 | -0.60 |
| 2872.00 | -0.60 |
| 2874.00 | -0.60 |
| 2876.00 | -0.60 |



CHM 003 1337

| Elapsed Time | Value |
|---|---|
| 2878.00 | -0.60 |
| 2880.00 | -0.60 |
| 2882.00 | -0.61 |
| 2884.00 | -0.61 |
| 2886.00 | -0.61 |
| 2888.00 | -0.61 |
| 2890.00 | -0.62 |
| 2892.00 | -0.61 |
| 2894.00 | -0.62 |
| 2896.00 | -0.62 |
| 2898.00 | -0.62 |
| 2900.00 | -0.62 |
| 2902.00 | -0.62 |
| 2904.00 | -0.62 |
| 2906.00 | -0.62 |
| 2908.00 | -0.62 |
| 2910.00 | -0.62 |
| 2912.00 | -0.62 |
| 2914.00 | -0.62 |
| 2916.00 | -0.63 |
| 2918.00 | -0.63 |
| 2920.00 | -0.63 |
| 2922.00 | -0.63 |
| 2924.00 | -0.63 |
| 2926.00 | -0.63 |
| 2928.00 | -0.63 |
| 2930.00 | -0.63 |
| 2932.00 | -0.63 |
| 2934.00 | -0.63 |
| 2936.00 | -0.64 |
| 2938.00 | -0.63 |
| 2940.00 | -0.63 |
| 2942.00 | -0.63 |
| 2944.00 | -0.64 |
| 2946.00 | -0.64 |
| 2948.00 | -0.64 |
| 2950.00 | -0.64 |
| 2952.00 | -0.65 |
| 2954.00 | -0.64 |
| 2956.00 | -0.65 |
| 2958.00 | -0.65 |
| 2960.00 | -0.65 |
| 2962.00 | -0.65 |
| 2964.00 | -0.65 |
| 2966.00 | -0.65 |
| 2968.00 | -0.65 |
| 2970.00 | -0.65 |
| 2972.00 | -0.65 |
| 2974.00 | -0.65 |
| 2976.00 | -0.65 |
| 2978.00 | -0.65 |
| 2980.00 | -0.65 |
| 2982.00 | -0.65 |
| 2984.00 | -0.65 |



CHM 003 1338

| Elapsed Time | Value |
|---|---|
| 2986.00 | -0.65 |
| 2988.00 | -0.65 |
| 2990.00 | -0.66 |
| 2992.00 | -0.66 |
| 2994.00 | -0.66 |
| 2996.00 | -0.66 |
| 2998.00 | -0.66 |
| 3000.00 | -0.66 |
| 3002.00 | -0.67 |
| 3004.00 | -0.66 |
| 3006.00 | -0.66 |
| 3008.00 | -0.67 |
| 3010.00 | -0.67 |
| 3012.00 | -0.67 |
| 3014.00 | -0.67 |
| 3016.00 | -0.67 |
| 3018.00 | -0.67 |
| 3020.00 | -0.67 |
| 3022.00 | -0.67 |
| 3024.00 | -0.67 |
| 3026.00 | -0.67 |
| 3028.00 | -0.67 |
| 3030.00 | -0.67 |
| 3032.00 | -0.68 |
| 3034.00 | -0.67 |
| 3036.00 | -0.67 |
| 3038.00 | -0.67 |
| 3040.00 | -0.68 |
| 3042.00 | -0.68 |
| 3044.00 | -0.68 |
| 3046.00 | -0.68 |
| 3048.00 | -0.68 |
| 3050.00 | -0.68 |
| 3052.00 | -0.68 |
| 3054.00 | -0.69 |
| 3056.00 | -0.69 |
| 3058.00 | -0.69 |
| 3060.00 | -0.69 |
| 3062.00 | -0.69 |
| 3064.00 | -0.69 |
| 3066.00 | -0.69 |
| 3068.00 | -0.69 |
| 3070.00 | -0.69 |
| 3072.00 | -0.69 |
| 3074.00 | -0.69 |
| 3076.00 | -0.69 |
| 3078.00 | -0.70 |
| 3080.00 | -0.70 |
| 3082.00 | -0.69 |
| 3084.00 | -0.70 |
| 3086.00 | -0.70 |
| 3088.00 | -0.70 |
| 3090.00 | -0.70 |
| 3092.00 | -0.70 |



CHM 003 1339

| Elapsed Time | Value |
|---|---|
| 3094.00 | -0.70 |
| 3096.00 | -0.70 |
| 3098.00 | -0.70 |
| 3100.00 | -0.70 |
| 3102.00 | -0.70 |
| 3104.00 | -0.70 |
| 3106.00 | -0.70 |
| 3108.00 | -0.70 |
| 3110.00 | -0.70 |
| 3112.00 | -0.70 |
| 3114.00 | -0.71 |
| 3116.00 | -0.70 |
| 3118.00 | -0.71 |
| 3120.00 | -0.70 |
| 3122.00 | -0.71 |
| 3124.00 | -0.70 |
| 3126.00 | -0.70 |
| 3128.00 | -0.71 |
| 3130.00 | -0.71 |
| 3132.00 | -0.71 |
| 3134.00 | -0.71 |
| 3136.00 | -0.72 |
| 3138.00 | -0.72 |
| 3140.00 | -0.71 |
| 3142.00 | -0.72 |
| 3144.00 | -0.72 |
| 3146.00 | -0.72 |
| 3148.00 | -0.72 |
| 3150.00 | -0.71 |
| 3152.00 | -0.72 |
| 3154.00 | -0.71 |
| 3156.00 | -0.71 |
| 3158.00 | -0.72 |
| 3160.00 | -0.71 |
| 3162.00 | -0.71 |
| 3164.00 | -0.71 |
| 3166.00 | -0.71 |
| 3168.00 | -0.71 |
| 3170.00 | -0.72 |
| 3172.00 | -0.71 |
| 3174.00 | -0.71 |
| 3176.00 | -0.71 |
| 3178.00 | -0.71 |
| 3180.00 | -0.71 |
| 3182.00 | -0.71 |
| 3184.00 | -0.71 |
| 3186.00 | -0.70 |
| 3188.00 | -0.70 |
| 3190.00 | -0.70 |
| 3192.00 | -0.70 |
| 3194.00 | -0.70 |
| 3196.00 | -0.70 |
| 3198.00 | -0.70 |
| 3200.00 | -0.70 |

| Elapsed Time | Value |
|---|---|
| 3202.00 | -0.70 |
| 3204.00 | -0.70 |
| 3206.00 | -0.70 |
| 3208.00 | -0.70 |
| 3210.00 | -0.70 |
| 3212.00 | -0.70 |
| 3214.00 | -0.70 |
| 3216.00 | -0.70 |
| 3218.00 | -0.70 |
| 3220.00 | -0.70 |
| 3222.00 | -0.70 |
| 3224.00 | -0.70 |
| 3226.00 | -0.70 |
| 3228.00 | -0.70 |
| 3230.00 | -0.70 |
| 3232.00 | -0.70 |
| 3234.00 | -0.70 |
| 3236.00 | -0.70 |
| 3238.00 | -0.70 |
| 3240.00 | -0.70 |
| 3242.00 | -0.70 |
| 3244.00 | -0.70 |
| 3246.00 | -0.70 |
| 3248.00 | -0.70 |
| 3250.00 | -0.70 |
| 3252.00 | -0.70 |
| 3254.00 | -0.70 |
| 3256.00 | -0.70 |
| 3258.00 | -0.70 |
| 3260.00 | -0.69 |
| 3262.00 | -0.70 |
| 3264.00 | -0.70 |
| 3266.00 | -0.69 |
| 3268.00 | -0.69 |
| 3270.00 | -0.69 |
| 3272.00 | -0.69 |
| 3274.00 | -0.69 |
| 3276.00 | -0.69 |
| 3278.00 | -0.69 |
| 3280.00 | -0.69 |
| 3282.00 | -0.69 |
| 3284.00 | -0.69 |
| 3286.00 | -0.69 |
| 3288.00 | -0.69 |
| 3290.00 | -0.69 |
| 3292.00 | -0.69 |
| 3294.00 | -0.69 |
| 3296.00 | -0.69 |
| 3298.00 | -0.69 |
| 3300.00 | -0.69 |
| 3302.00 | -0.69 |
| 3304.00 | -0.69 |
| 3306.00 | -0.68 |
| 3308.00 | -0.68 |

| Elapsed Time | Value |
|---|---|
| 3310.00 | -0.68 |
| 3312.00 | -0.68 |
| 3314.00 | -0.68 |
| 3316.00 | -0.68 |
| 3318.00 | -0.68 |
| 3320.00 | -0.68 |
| 3322.00 | -0.68 |
| 3324.00 | -0.68 |
| 3326.00 | -0.68 |
| 3328.00 | -0.68 |
| 3330.00 | -0.68 |
| 3332.00 | -0.68 |
| 3334.00 | -0.68 |
| 3336.00 | -0.68 |
| 3338.00 | -0.68 |
| 3340.00 | -0.67 |
| 3342.00 | -0.68 |
| 3344.00 | -0.67 |
| 3346.00 | -0.67 |
| 3348.00 | -0.67 |
| 3350.00 | -0.67 |
| 3352.00 | -0.67 |
| 3354.00 | -0.67 |
| 3356.00 | -0.67 |
| 3358.00 | -0.67 |
| 3360.00 | -0.67 |
| 3362.00 | -0.67 |
| 3364.00 | -0.67 |
| 3366.00 | -0.67 |
| 3368.00 | -0.67 |
| 3370.00 | -0.67 |
| 3372.00 | -0.67 |
| 3374.00 | -0.67 |
| 3376.00 | -0.67 |
| 3378.00 | -0.67 |
| 3380.00 | -0.67 |
| 3382.00 | -0.66 |
| 3384.00 | -0.66 |
| 3386.00 | -0.66 |
| 3388.00 | -0.66 |
| 3390.00 | -0.66 |
| 3392.00 | -0.66 |
| 3394.00 | -0.66 |
| 3396.00 | -0.66 |
| 3398.00 | -0.66 |
| 3400.00 | -0.66 |
| 3402.00 | -0.66 |
| 3404.00 | -0.66 |
| 3406.00 | -0.65 |
| 3408.00 | -0.65 |
| 3410.00 | -0.65 |
| 3412.00 | -0.65 |
| 3414.00 | -0.65 |
| 3416.00 | -0.65 |



CHM 003 1342

| Elapsed Time | Value |
|---|---|
| 3418.00 | -0.65 |
| 3420.00 | -0.65 |
| 3422.00 | -0.65 |
| 3424.00 | -0.65 |
| 3426.00 | -0.65 |
| 3428.00 | -0.65 |
| 3430.00 | -0.65 |
| 3432.00 | -0.65 |
| 3434.00 | -0.65 |
| 3436.00 | -0.65 |
| 3438.00 | -0.65 |
| 3440.00 | -0.65 |
| 3442.00 | -0.65 |
| 3444.00 | -0.65 |
| 3446.00 | -0.65 |
| 3448.00 | -0.65 |
| 3450.00 | -0.65 |
| 3452.00 | -0.65 |
| 3454.00 | -0.65 |
| 3456.00 | -0.65 |
| 3458.00 | -0.65 |
| 3460.00 | -0.65 |
| 3462.00 | -0.64 |
| 3464.00 | -0.65 |
| 3466.00 | -0.65 |
| 3468.00 | -0.65 |
| 3470.00 | -0.64 |
| 3472.00 | -0.64 |
| 3474.00 | -0.64 |
| 3476.00 | -0.64 |
| 3478.00 | -0.64 |
| 3480.00 | -0.64 |
| 3482.00 | -0.64 |
| 3484.00 | -0.64 |
| 3486.00 | -0.64 |
| 3488.00 | -0.63 |
| 3490.00 | -0.64 |
| 3492.00 | -0.63 |
| 3494.00 | -0.64 |
| 3496.00 | -0.64 |
| 3498.00 | -0.64 |
| 3500.00 | -0.63 |
| 3502.00 | -0.63 |
| 3504.00 | -0.63 |
| 3506.00 | -0.63 |
| 3508.00 | -0.63 |
| 3510.00 | -0.63 |
| 3512.00 | -0.63 |
| 3514.00 | -0.63 |
| 3516.00 | -0.63 |
| 3518.00 | -0.63 |
| 3520.00 | -0.63 |
| 3522.00 | -0.63 |
| 3524.00 | -0.63 |

| Elapsed Time | Value |
|---|---|
| 3526.00 | -0.63 |
| 3528.00 | -0.63 |
| 3530.00 | -0.63 |
| 3532.00 | -0.63 |
| 3534.00 | -0.63 |
| 3536.00 | -0.63 |
| 3538.00 | -0.63 |
| 3540.00 | -0.63 |
| 3542.00 | -0.63 |
| 3544.00 | -0.63 |
| 3546.00 | -0.63 |
| 3548.00 | -0.63 |
| 3550.00 | -0.63 |
| 3552.00 | -0.63 |
| 3554.00 | -0.63 |
| 3556.00 | -0.63 |
| 3558.00 | -0.63 |
| 3560.00 | -0.63 |
| 3562.00 | -0.63 |
| 3564.00 | -0.63 |
| 3566.00 | -0.63 |
| 3568.00 | -0.63 |
| 3570.00 | -0.63 |
| 3572.00 | -0.63 |
| 3574.00 | -0.62 |
| 3576.00 | -0.62 |
| 3578.00 | -0.62 |
| 3580.00 | -0.62 |
| 3582.00 | -0.62 |
| 3584.00 | -0.62 |
| 3586.00 | -0.62 |
| 3588.00 | -0.62 |
| 3590.00 | -0.62 |
| 3592.00 | -0.62 |
| 3594.00 | -0.62 |
| 3596.00 | -0.62 |
| 3598.00 | -0.62 |
| 3600.00 | -0.62 |
| 3602.00 | -0.62 |
| 3604.00 | -0.62 |
| 3606.00 | -0.62 |
| 3608.00 | -0.62 |
| 3610.00 | -0.62 |
| 3612.00 | -0.62 |
| 3614.00 | -0.62 |
| 3616.00 | -0.62 |
| 3618.00 | -0.62 |
| 3620.00 | -0.61 |
| 3622.00 | -0.62 |
| 3624.00 | -0.62 |
| 3626.00 | -0.61 |
| 3628.00 | -0.61 |
| 3630.00 | -0.61 |
| 3632.00 | -0.61 |



CHM 003 1344

| Elapsed Time | Value |
|---|---|
| 3634.00 | -0.61 |
| 3636.00 | -0.61 |
| 3638.00 | -0.61 |
| 3640.00 | -0.61 |
| 3642.00 | -0.61 |
| 3644.00 | -0.61 |
| 3646.00 | -0.61 |
| 3648.00 | -0.61 |
| 3650.00 | -0.61 |
| 3652.00 | -0.61 |
| 3654.00 | -0.60 |
| 3656.00 | -0.60 |
| 3658.00 | -0.60 |
| 3660.00 | -0.60 |
| 3662.00 | -0.60 |
| 3664.00 | -0.60 |
| 3666.00 | -0.60 |
| 3668.00 | -0.60 |
| 3670.00 | -0.60 |
| 3672.00 | -0.60 |
| 3674.00 | -0.60 |
| 3676.00 | -0.60 |
| 3678.00 | -0.60 |
| 3680.00 | -0.60 |
| 3682.00 | -0.60 |
| 3684.00 | -0.60 |
| 3686.00 | -0.60 |
| 3688.00 | -0.60 |
| 3690.00 | -0.60 |
| 3692.00 | -0.60 |
| 3694.00 | -0.60 |
| 3696.00 | -0.60 |
| 3698.00 | -0.60 |
| 3700.00 | -0.60 |
| 3702.00 | -0.60 |
| 3704.00 | -0.60 |
| 3706.00 | -0.60 |
| 3708.00 | -0.60 |
| 3710.00 | -0.60 |
| 3712.00 | -0.60 |
| 3714.00 | -0.60 |
| 3716.00 | -0.60 |
| 3718.00 | -0.60 |
| 3720.00 | -0.60 |
| 3722.00 | -0.60 |
| 3724.00 | -0.60 |
| 3726.00 | -0.60 |
| 3728.00 | -0.60 |
| 3730.00 | -0.60 |
| 3732.00 | -0.59 |
| 3734.00 | -0.59 |
| 3736.00 | -0.60 |
| 3738.00 | -0.59 |
| 3740.00 | -0.59 |

| Elapsed Time | Value |
|---|---|
| 3742.00 | -0.59 |
| 3744.00 | -0.59 |
| 3746.00 | -0.59 |
| 3748.00 | -0.59 |
| 3750.00 | -0.59 |
| 3752.00 | -0.59 |
| 3754.00 | -0.59 |
| 3756.00 | -0.59 |
| 3758.00 | -0.59 |
| 3760.00 | -0.59 |
| 3762.00 | -0.59 |
| 3764.00 | -0.58 |
| 3766.00 | -0.58 |
| 3768.00 | -0.58 |
| 3770.00 | -0.58 |
| 3772.00 | -0.58 |
| 3774.00 | -0.58 |
| 3776.00 | -0.58 |
| 3778.00 | -0.58 |
| 3780.00 | -0.58 |
| 3782.00 | -0.58 |
| 3784.00 | -0.58 |
| 3786.00 | -0.58 |
| 3788.00 | -0.58 |
| 3790.00 | -0.58 |
| 3792.00 | -0.58 |
| 3794.00 | -0.58 |
| 3796.00 | -0.58 |
| 3798.00 | -0.58 |
| 3800.00 | -0.58 |
| 3802.00 | -0.58 |
| 3804.00 | -0.58 |
| 3806.00 | -0.58 |
| 3808.00 | -0.58 |
| 3810.00 | -0.58 |
| 3812.00 | -0.58 |
| 3814.00 | -0.58 |
| 3816.00 | -0.58 |
| 3818.00 | -0.57 |
| 3820.00 | -0.57 |
| 3822.00 | -0.57 |
| 3824.00 | -0.57 |
| 3826.00 | -0.57 |
| 3828.00 | -0.57 |
| 3830.00 | -0.57 |
| 3832.00 | -0.57 |
| 3834.00 | -0.57 |
| 3836.00 | -0.57 |
| 3838.00 | -0.56 |
| 3840.00 | -0.56 |
| 3842.00 | -0.56 |
| 3844.00 | -0.56 |
| 3846.00 | -0.56 |
| 3848.00 | -0.56 |



CHM 003 1346

| Elapsed Time | Value |
|---|---|
| 3850.00 | -0.56 |
| 3852.00 | -0.56 |
| 3854.00 | -0.56 |
| 3856.00 | -0.56 |
| 3858.00 | -0.56 |
| 3860.00 | -0.56 |
| 3862.00 | -0.56 |
| 3864.00 | -0.56 |
| 3866.00 | -0.56 |
| 3868.00 | -0.56 |
| 3870.00 | -0.56 |
| 3872.00 | -0.56 |
| 3874.00 | -0.56 |
| 3876.00 | -0.56 |
| 3878.00 | -0.56 |
| 3880.00 | -0.55 |
| 3882.00 | -0.56 |
| 3884.00 | -0.55 |
| 3886.00 | -0.55 |
| 3888.00 | -0.55 |
| 3890.00 | -0.55 |
| 3892.00 | -0.56 |
| 3894.00 | -0.56 |
| 3896.00 | -0.55 |
| 3898.00 | -0.55 |
| 3900.00 | -0.55 |
| 3902.00 | -0.56 |
| 3904.00 | -0.55 |
| 3906.00 | -0.55 |
| 3908.00 | -0.55 |
| 3910.00 | -0.55 |
| 3912.00 | -0.55 |
| 3914.00 | -0.55 |
| 3916.00 | -0.55 |
| 3918.00 | -0.55 |
| 3920.00 | -0.55 |
| 3922.00 | -0.55 |
| 3924.00 | -0.55 |
| 3926.00 | -0.55 |
| 3928.00 | -0.55 |
| 3930.00 | -0.55 |
| 3932.00 | -0.55 |
| 3934.00 | -0.55 |
| 3936.00 | -0.55 |
| 3938.00 | -0.55 |
| 3940.00 | -0.55 |
| 3942.00 | -0.55 |
| 3944.00 | -0.54 |
| 3946.00 | -0.54 |
| 3948.00 | -0.54 |
| 3950.00 | -0.54 |
| 3952.00 | -0.54 |
| 3954.00 | -0.54 |
| 3956.00 | -0.54 |



CHM 003 1347

| Elapsed Time | Value |
|---|---|
| 3958.00 | -0.54 |
| 3960.00 | -0.54 |
| 3962.00 | -0.54 |
| 3964.00 | -0.54 |
| 3966.00 | -0.54 |
| 3968.00 | -0.54 |
| 3970.00 | -0.54 |
| 3972.00 | -0.54 |
| 3974.00 | -0.54 |
| 3976.00 | -0.54 |
| 3978.00 | -0.54 |
| 3980.00 | -0.54 |
| 3982.00 | -0.54 |
| 3984.00 | -0.54 |
| 3986.00 | -0.54 |
| 3988.00 | -0.54 |
| 3990.00 | -0.54 |
| 3992.00 | -0.54 |
| 3994.00 | -0.54 |
| 3996.00 | -0.54 |
| 3998.00 | -0.54 |
| 4000.00 | -0.53 |
| 4002.00 | -0.54 |
| 4004.00 | -0.53 |
| 4006.00 | -0.53 |
| 4008.00 | -0.54 |
| 4010.00 | -0.53 |
| 4012.00 | -0.53 |
| 4014.00 | -0.53 |
| 4016.00 | -0.53 |
| 4018.00 | -0.53 |
| 4020.00 | -0.53 |
| 4022.00 | -0.53 |
| 4024.00 | -0.53 |
| 4026.00 | -0.53 |
| 4028.00 | -0.53 |
| 4030.00 | -0.53 |
| 4032.00 | -0.53 |
| 4034.00 | -0.53 |
| 4036.00 | -0.53 |
| 4038.00 | -0.53 |
| 4040.00 | -0.53 |
| 4042.00 | -0.53 |
| 4044.00 | -0.53 |
| 4046.00 | -0.53 |
| 4048.00 | -0.53 |
| 4050.00 | -0.53 |
| 4052.00 | -0.53 |
| 4054.00 | -0.53 |
| 4056.00 | -0.53 |
| 4058.00 | -0.53 |
| 4060.00 | -0.53 |
| 4062.00 | -0.53 |
| 4064.00 | -0.53 |



CHM 003 1348

| Elapsed Time | Value |
|---|---|
| 4066.00 | -0.53 |
| 4068.00 | -0.53 |
| 4070.00 | -0.53 |
| 4072.00 | -0.53 |
| 4074.00 | -0.53 |
| 4076.00 | -0.53 |
| 4078.00 | -0.53 |
| 4080.00 | -0.53 |
| 4082.00 | -0.53 |
| 4084.00 | -0.53 |
| 4086.00 | -0.53 |
| 4088.00 | -0.53 |
| 4090.00 | -0.53 |
| 4092.00 | -0.53 |
| 4094.00 | -0.53 |
| 4096.00 | -0.53 |
| 4098.00 | -0.53 |
| 4100.00 | -0.53 |
| 4102.00 | -0.53 |
| 4104.00 | -0.53 |
| 4106.00 | -0.53 |
| 4108.00 | -0.52 |
| 4110.00 | -0.53 |
| 4112.00 | -0.52 |
| 4114.00 | -0.53 |
| 4116.00 | -0.52 |
| 4118.00 | -0.53 |
| 4120.00 | -0.52 |
| 4122.00 | -0.52 |
| 4124.00 | -0.52 |
| 4126.00 | -0.52 |
| 4128.00 | -0.52 |
| 4130.00 | -0.52 |
| 4132.00 | -0.52 |
| 4134.00 | -0.52 |
| 4136.00 | -0.52 |
| 4138.00 | -0.52 |
| 4140.00 | -0.52 |
| 4142.00 | -0.52 |
| 4144.00 | -0.52 |
| 4146.00 | -0.52 |
| 4148.00 | -0.51 |
| 4150.00 | -0.52 |
| 4152.00 | -0.51 |
| 4154.00 | -0.51 |
| 4156.00 | -0.51 |
| 4158.00 | -0.51 |
| 4160.00 | -0.51 |
| 4162.00 | -0.51 |
| 4164.00 | -0.51 |
| 4166.00 | -0.51 |
| 4168.00 | -0.51 |
| 4170.00 | -0.51 |
| 4172.00 | -0.52 |



CHM 003 1349

| Elapsed Time | Value |
|---|---|
| 4174.00 | -0.51 |
| 4176.00 | -0.51 |
| 4178.00 | -0.51 |
| 4180.00 | -0.51 |
| 4182.00 | -0.51 |
| 4184.00 | -0.51 |
| 4186.00 | -0.51 |
| 4188.00 | -0.51 |
| 4190.00 | -0.51 |
| 4192.00 | -0.51 |
| 4194.00 | -0.51 |
| 4196.00 | -0.50 |
| 4198.00 | -0.51 |
| 4200.00 | -0.50 |
| 4202.00 | -0.50 |
| 4204.00 | -0.50 |
| 4206.00 | -0.50 |
| 4208.00 | -0.50 |
| 4210.00 | -0.50 |
| 4212.00 | -0.50 |
| 4214.00 | -0.50 |
| 4216.00 | -0.50 |
| 4218.00 | -0.50 |
| 4220.00 | -0.50 |
| 4222.00 | -0.50 |
| 4224.00 | -0.50 |
| 4226.00 | -0.50 |
| 4228.00 | -0.50 |
| 4230.00 | -0.50 |
| 4232.00 | -0.50 |
| 4234.00 | -0.50 |
| 4236.00 | -0.50 |
| 4238.00 | -0.50 |
| 4240.00 | -0.50 |
| 4242.00 | -0.50 |
| 4244.00 | -0.50 |
| 4246.00 | -0.50 |
| 4248.00 | -0.49 |
| 4250.00 | -0.50 |
| 4252.00 | -0.49 |
| 4254.00 | -0.49 |
| 4256.00 | -0.49 |
| 4258.00 | -0.49 |
| 4260.00 | -0.49 |
| 4262.00 | -0.48 |
| 4264.00 | -0.48 |
| 4266.00 | -0.48 |
| 4268.00 | -0.48 |
| 4270.00 | -0.48 |
| 4272.00 | -0.48 |
| 4274.00 | -0.48 |
| 4276.00 | -0.48 |
| 4278.00 | -0.48 |
| 4280.00 | -0.48 |



CHM 003 1350

| Elapsed Time | Value |
|---|---|
| 4282.00 | -0.48 |
| 4284.00 | -0.48 |
| 4286.00 | -0.48 |
| 4288.00 | -0.48 |
| 4290.00 | -0.48 |
| 4292.00 | -0.48 |
| 4294.00 | -0.47 |
| 4296.00 | -0.47 |
| 4298.00 | -0.46 |
| 4300.00 | -0.46 |
| 4302.00 | -0.46 |
| 4304.00 | -0.46 |
| 4306.00 | -0.45 |
| 4308.00 | -0.45 |
| 4310.00 | -0.44 |
| 4312.00 | -0.44 |
| 4314.00 | -0.44 |
| 4316.00 | -0.44 |
| 4318.00 | -0.44 |
| 4320.00 | -0.43 |
| 4322.00 | -0.43 |
| 4324.00 | -0.43 |
| 4326.00 | -0.43 |
| 4328.00 | -0.42 |
| 4330.00 | -0.42 |
| 4332.00 | -0.41 |
| 4334.00 | -0.41 |
| 4336.00 | -0.41 |
| 4338.00 | -0.41 |
| 4340.00 | -0.41 |
| 4342.00 | -0.40 |
| 4344.00 | -0.40 |
| 4346.00 | -0.39 |
| 4348.00 | -0.39 |
| 4350.00 | -0.39 |
| 4352.00 | -0.39 |
| 4354.00 | -0.39 |
| 4356.00 | -0.39 |
| 4358.00 | -0.39 |
| 4360.00 | -0.38 |
| 4362.00 | -0.38 |
| 4364.00 | -0.38 |
| 4366.00 | -0.38 |
| 4368.00 | -0.37 |
| 4370.00 | -0.37 |
| 4372.00 | -0.37 |
| 4374.00 | -0.37 |
| 4376.00 | -0.37 |
| 4378.00 | -0.37 |
| 4380.00 | -0.36 |
| 4382.00 | -0.36 |
| 4384.00 | -0.36 |
| 4386.00 | -0.36 |
| 4388.00 | -0.36 |



CHM 003 1351

| Elapsed Time | Value |
|---|---|
| 4390.00 | -0.36 |
| 4392.00 | -0.36 |
| 4394.00 | -0.35 |
| 4396.00 | -0.35 |
| 4398.00 | -0.34 |
| 4400.00 | -0.34 |
| 4402.00 | -0.34 |
| 4404.00 | -0.34 |
| 4406.00 | -0.34 |
| 4408.00 | -0.34 |
| 4410.00 | -0.34 |
| 4412.00 | -0.33 |
| 4414.00 | -0.33 |
| 4416.00 | -0.33 |
| 4418.00 | -0.32 |
| 4420.00 | -0.33 |
| 4422.00 | -0.33 |
| 4424.00 | -0.33 |
| 4426.00 | -0.33 |
| 4428.00 | -0.33 |
| 4430.00 | -0.33 |
| 4432.00 | -0.33 |
| 4434.00 | -0.34 |
| 4436.00 | -0.33 |
| 4438.00 | -0.33 |
| 4440.00 | -0.33 |
| 4442.00 | -0.34 |
| 4444.00 | -0.34 |
| 4446.00 | -0.34 |
| 4448.00 | -0.34 |
| 4450.00 | -0.34 |
| 4452.00 | -0.34 |
| 4454.00 | -0.34 |
| 4456.00 | -0.34 |
| 4458.00 | -0.34 |
| 4460.00 | -0.34 |
| 4462.00 | -0.34 |
| 4464.00 | -0.34 |
| 4466.00 | -0.34 |
| 4468.00 | -0.34 |
| 4470.00 | -0.34 |
| 4472.00 | -0.34 |
| 4474.00 | -0.34 |
| 4476.00 | -0.35 |
| 4478.00 | -0.34 |
| 4480.00 | -0.35 |
| 4482.00 | -0.35 |
| 4484.00 | -0.34 |
| 4486.00 | -0.35 |
| 4488.00 | -0.35 |
| 4490.00 | -0.35 |
| 4492.00 | -0.35 |
| 4494.00 | -0.35 |
| 4496.00 | -0.35 |



CHM 003 1352

| Elapsed Time | Value |
|---|---|
| 4498.00 | -0.35 |
| 4500.00 | -0.35 |
| 4502.00 | -0.36 |
| 4504.00 | -0.36 |
| 4506.00 | -0.35 |
| 4508.00 | -0.35 |
| 4510.00 | -0.36 |
| 4512.00 | -0.35 |
| 4514.00 | -0.35 |
| 4516.00 | -0.36 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 6 PUMP ZONE: 267' - 287' IN C-2

WELL ID:

SE2000
Environmental Logger
12/06 14:12

Unit# 436 Test 0

| Setups: | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| Type | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) | Level (F) |
| Mode | TOC | TOC | TOC | TOC | TOC | TOC |
| I.D. | MW103 | DMW6 | DMW5 | MW101 | TW4 | TW3 |
| Reference | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SG | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Linearity | 0.118 | 0.273 | 0.028 | 0.122 | 0.115 | 0.274 |
| Scale factor | 20.085 | 30.018 | 30.020 | 20.050 | 20.009 | 29.998 |
| Offset | 0.069 | 0.095 | -0.081 | 0.052 | 0.091 | -0.084 |
| Delay mSEC | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 | 50.000 |

Step 0 12/03 10:13:38

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 0.0000 | -0.006 | -0.009 | -0.009 | -0.006 | 0.000 | -0.019 |
| 2.0000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 | -0.009 |
| 4.0000 | 0.012 | 0.000 | -0.009 | 0.000 | 0.000 | -0.009 |
| 6.0000 | 0.006 | -0.009 | -0.009 | -0.006 | 0.000 | -0.019 |
| 8.0000 | 0.019 | 0.000 | -0.009 | 0.000 | 0.000 | -0.009 |
| 10.0000 | 0.012 | 0.000 | -0.009 | -0.006 | 0.000 | -0.019 |
| 12.0000 | 0.006 | 0.000 | -0.009 | -0.006 | 0.000 | -0.009 |
| 14.0000 | 0.000 | 0.000 | -0.009 | 0.000 | 0.000 | -0.009 |
| 16.0000 | -0.006 | -0.009 | -0.009 | -0.006 | 0.000 | -0.028 |
| 18.0000 | 0.012 | 0.000 | -0.009 | 0.000 | 0.000 | -0.019 |
| 20.0000 | 0.006 | 0.000 | -0.009 | 0.000 | 0.000 | -0.019 |
| 22.0000 | 0.019 | 0.000 | -0.009 | 0.000 | 0.000 | 0.000 |
| 24.0000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 | -0.009 |
| 26.0000 | 0.019 | 0.000 | -0.009 | 0.000 | 0.000 | 0.000 |
| 28.0000 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.0000 | 0.012 | 0.000 | -0.009 | 0.000 | 0.000 | -0.009 |
| 32.0000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 | -0.019 |
| 34.0000 | 0.006 | 0.000 | 0.000 | 0.006 | 0.000 | -0.009 |
| 36.0000 | 0.019 | 0.000 | 0.000 | 0.000 | 0.000 | -0.009 |
| 38.0000 | -0.012 | 0.000 | 0.000 | 0.000 | 0.000 | -0.038 |
| 40.0000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | -0.009 |
| 42.0000 | 0.025 | 0.009 | 0.000 | 0.006 | 0.000 | -0.009 |
| 44.0000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | -0.009 |
| 46.0000 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 | -0.019 |
| 48.0000 | 0.006 | 0.000 | 0.000 | 0.006 | 0.000 | -0.019 |
| 50.0000 | 0.006 | 0.009 | 0.000 | 0.006 | 0.000 | -0.028 |
| 52.0000 | 0.012 | 0.009 | 0.000 | 0.006 | 0.000 | -0.009 |
| 54.0000 | 0.025 | 0.009 | 0.000 | 0.006 | 0.000 | -0.019 |



CHM 003 1354

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 56.0000 | 0.006 | 0.009 | 0.000 | 0.006 | 0.000 | -0.009 |
| 58.0000 | -0.006 | 0.009 | 0.000 | 0.000 | 0.000 | -0.019 |
| 60.0000 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | -0.019 |
| 62.0000 | 0.019 | 0.009 | 0.000 | 0.006 | 0.000 | 0.000 |
| 64.0000 | 0.025 | 0.009 | 0.000 | 0.006 | 0.000 | 0.000 |
| 66.0000 | 0.012 | 0.009 | 0.000 | 0.006 | 0.000 | -0.019 |
| 68.0000 | 0.006 | 0.009 | 0.000 | 0.006 | 0.000 | -0.019 |
| 70.0000 | 0.012 | 0.009 | 0.000 | 0.000 | 0.000 | -0.019 |
| 72.0000 | 0.012 | 0.009 | 0.000 | 0.012 | 0.000 | -0.028 |
| 74.0000 | 0.006 | 0.009 | 0.000 | 0.006 | -0.006 | -0.019 |
| 76.0000 | 0.000 | 0.009 | 0.000 | 0.006 | -0.006 | -0.019 |
| 78.0000 | 0.019 | 0.009 | 0.000 | 0.006 | -0.006 | -0.019 |
| 80.0000 | 0.006 | 0.009 | 0.000 | 0.006 | 0.000 | -0.019 |
| 82.0000 | 0.019 | 0.009 | 0.000 | 0.006 | -0.006 | -0.009 |
| 84.0000 | -0.006 | 0.009 | 0.000 | 0.006 | 0.000 | -0.038 |
| 86.0000 | 0.006 | 0.009 | 0.000 | 0.006 | -0.006 | -0.019 |
| 88.0000 | 0.006 | 0.009 | 0.000 | 0.006 | 0.000 | -0.019 |
| 90.0000 | 0.006 | 0.009 | 0.000 | 0.006 | -0.006 | -0.019 |
| 92.0000 | 0.006 | 0.009 | 0.000 | 0.006 | -0.006 | -0.028 |
| 94.0000 | 0.019 | 0.009 | 0.000 | 0.012 | -0.006 | -0.009 |
| 96.0000 | 0.006 | 0.009 | 0.000 | 0.006 | -0.006 | -0.019 |
| 98.0000 | 0.019 | 0.009 | 0.000 | 0.012 | -0.006 | -0.019 |
| 100.000 | 0.012 | 0.009 | 0.000 | 0.012 | -0.006 | -0.019 |
| 102.000 | 0.000 | 0.009 | 0.000 | 0.012 | -0.006 | -0.028 |
| 104.000 | 0.000 | 0.009 | 0.000 | 0.012 | -0.006 | -0.028 |
| 106.000 | 0.006 | 0.009 | 0.000 | 0.012 | -0.006 | -0.028 |
| 108.000 | 0.000 | 0.009 | 0.000 | 0.012 | -0.006 | -0.028 |
| 110.000 | 0.006 | 0.009 | 0.000 | 0.012 | -0.006 | -0.028 |
| 112.000 | 0.025 | 0.009 | 0.000 | 0.012 | -0.006 | -0.009 |
| 114.000 | 0.006 | 0.009 | 0.009 | 0.019 | -0.006 | -0.028 |
| 116.000 | 0.031 | 0.009 | 0.009 | 0.019 | -0.006 | -0.009 |
| 118.000 | 0.019 | 0.009 | 0.009 | 0.019 | -0.006 | -0.019 |
| 120.000 | 0.012 | 0.009 | 0.000 | 0.012 | -0.006 | -0.028 |
| 122.000 | 0.025 | 0.009 | 0.009 | 0.012 | -0.006 | -0.009 |
| 124.000 | 0.031 | 0.009 | 0.009 | 0.019 | -0.006 | -0.009 |
| 126.000 | 0.012 | 0.009 | 0.009 | 0.012 | -0.006 | -0.028 |
| 128.000 | 0.012 | 0.009 | 0.009 | 0.019 | -0.006 | -0.028 |
| 130.000 | 0.006 | 0.019 | 0.009 | 0.019 | -0.006 | -0.028 |
| 132.000 | 0.000 | 0.009 | 0.009 | 0.012 | -0.006 | -0.028 |
| 134.000 | 0.012 | 0.019 | 0.009 | 0.025 | -0.006 | -0.028 |
| 136.000 | 0.031 | 0.019 | 0.009 | 0.019 | -0.006 | -0.009 |
| 138.000 | 0.012 | 0.019 | 0.009 | 0.012 | -0.006 | -0.038 |
| 140.000 | 0.019 | 0.019 | 0.009 | 0.019 | -0.006 | -0.028 |
| 142.000 | 0.000 | 0.019 | 0.009 | 0.019 | -0.006 | -0.028 |
| 144.000 | 0.006 | 0.019 | 0.009 | 0.019 | -0.006 | -0.028 |
| 146.000 | 0.012 | 0.019 | 0.018 | 0.019 | -0.006 | -0.028 |
| 148.000 | 0.012 | 0.019 | 0.018 | 0.019 | -0.006 | -0.019 |
| 150.000 | 0.019 | 0.019 | 0.018 | 0.019 | -0.006 | -0.028 |
| 152.000 | 0.012 | 0.019 | 0.018 | 0.025 | -0.006 | -0.028 |
| 154.000 | 0.012 | 0.019 | 0.018 | 0.025 | -0.006 | -0.019 |
| 156.000 | 0.012 | 0.019 | 0.009 | 0.019 | -0.006 | -0.028 |
| 158.000 | 0.000 | 0.019 | 0.018 | 0.019 | -0.006 | -0.038 |
| 160.000 | -0.006 | 0.019 | 0.018 | 0.012 | -0.006 | -0.047 |
| 162.000 | -0.006 | 0.019 | 0.018 | 0.019 | -0.006 | -0.038 |



CHM 003 1355

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 164.000 | 0.006 | 0.019 | 0.018 | 0.019 | -0.006 | -0.028 |
| 166.000 | 0.019 | 0.019 | 0.018 | 0.025 | -0.006 | -0.019 |
| 168.000 | 0.012 | 0.028 | 0.018 | 0.025 | -0.006 | -0.019 |
| 170.000 | 0.025 | 0.019 | 0.018 | 0.031 | -0.006 | -0.019 |
| 172.000 | 0.000 | 0.019 | 0.018 | 0.019 | -0.006 | -0.028 |
| 174.000 | 0.031 | 0.019 | 0.018 | 0.025 | -0.006 | -0.009 |
| 176.000 | -0.012 | 0.028 | 0.018 | 0.012 | -0.006 | -0.038 |
| 178.000 | -0.012 | 0.019 | 0.018 | 0.019 | -0.006 | -0.038 |
| 180.000 | 0.019 | 0.019 | 0.018 | 0.031 | -0.006 | -0.019 |
| 182.000 | 0.025 | 0.028 | 0.018 | 0.038 | -0.006 | -0.009 |
| 184.000 | 0.019 | 0.028 | 0.018 | 0.025 | -0.006 | -0.009 |
| 186.000 | -0.006 | 0.028 | 0.018 | 0.025 | -0.006 | -0.047 |
| 188.000 | 0.006 | 0.028 | 0.018 | 0.025 | -0.006 | -0.019 |
| 190.000 | 0.019 | 0.028 | 0.018 | 0.038 | -0.006 | -0.009 |
| 192.000 | 0.031 | 0.028 | 0.028 | 0.031 | -0.006 | -0.009 |
| 194.000 | 0.019 | 0.028 | 0.028 | 0.038 | -0.006 | -0.019 |
| 196.000 | 0.031 | 0.028 | 0.028 | 0.031 | -0.006 | 0.000 |
| 198.000 | 0.019 | 0.028 | 0.028 | 0.031 | -0.006 | -0.028 |
| 200.000 | 0.006 | 0.028 | 0.028 | 0.019 | -0.006 | -0.019 |
| 202.000 | 0.006 | 0.028 | 0.028 | 0.025 | -0.006 | -0.019 |
| 204.000 | 0.012 | 0.028 | 0.028 | 0.038 | -0.006 | -0.028 |
| 206.000 | 0.019 | 0.028 | 0.037 | 0.031 | -0.006 | -0.028 |
| 208.000 | 0.019 | 0.028 | 0.028 | 0.031 | -0.006 | -0.028 |
| 210.000 | 0.012 | 0.028 | 0.028 | 0.031 | -0.006 | -0.028 |
| 212.000 | -0.006 | 0.028 | 0.018 | 0.031 | -0.012 | -0.038 |
| 214.000 | 0.019 | 0.028 | 0.018 | 0.031 | -0.006 | -0.009 |
| 216.000 | 0.019 | 0.028 | 0.018 | 0.031 | -0.006 | -0.028 |
| 218.000 | 0.012 | 0.028 | 0.028 | 0.031 | -0.006 | -0.028 |
| 220.000 | 0.006 | 0.028 | 0.018 | 0.031 | -0.006 | -0.019 |
| 222.000 | 0.006 | 0.028 | 0.028 | 0.038 | -0.012 | -0.028 |
| 224.000 | 0.006 | 0.028 | 0.028 | 0.031 | -0.006 | -0.019 |
| 226.000 | 0.025 | 0.028 | 0.018 | 0.038 | -0.012 | -0.009 |
| 228.000 | 0.012 | 0.028 | 0.028 | 0.031 | -0.012 | -0.019 |
| 230.000 | 0.006 | 0.028 | 0.018 | 0.031 | -0.012 | -0.038 |
| 232.000 | 0.006 | 0.028 | 0.018 | 0.031 | -0.012 | -0.019 |
| 234.000 | 0.006 | 0.028 | 0.018 | 0.031 | -0.012 | -0.019 |
| 236.000 | 0.012 | 0.028 | 0.028 | 0.038 | -0.012 | -0.019 |
| 238.000 | 0.012 | 0.028 | 0.018 | 0.038 | -0.012 | -0.028 |
| 240.000 | 0.006 | 0.028 | 0.018 | 0.038 | -0.012 | -0.028 |
| 242.000 | 0.006 | 0.028 | 0.028 | 0.038 | -0.012 | -0.028 |
| 244.000 | 0.012 | 0.028 | 0.018 | 0.038 | -0.012 | -0.028 |
| 246.000 | 0.006 | 0.028 | 0.028 | 0.031 | -0.006 | -0.038 |
| 248.000 | -0.006 | 0.028 | 0.018 | 0.031 | -0.012 | -0.038 |
| 250.000 | -0.019 | 0.028 | 0.028 | 0.031 | -0.012 | -0.038 |
| 252.000 | -0.031 | 0.028 | 0.028 | 0.031 | -0.012 | -0.047 |
| 254.000 | 0.000 | 0.028 | 0.028 | 0.038 | -0.012 | -0.028 |
| 256.000 | 0.000 | 0.028 | 0.028 | 0.038 | -0.012 | -0.028 |
| 258.000 | 0.025 | 0.028 | 0.028 | 0.044 | -0.012 | -0.009 |
| 260.000 | 0.019 | 0.028 | 0.028 | 0.038 | -0.012 | -0.009 |
| 262.000 | 0.006 | 0.028 | 0.028 | 0.038 | -0.012 | -0.009 |
| 264.000 | 0.006 | 0.028 | 0.028 | 0.038 | -0.012 | -0.019 |
| 266.000 | 0.006 | 0.028 | 0.037 | 0.038 | -0.012 | -0.009 |
| 268.000 | 0.012 | 0.028 | 0.037 | 0.044 | -0.012 | 0.000 |
| 270.000 | 0.006 | 0.028 | 0.037 | 0.038 | -0.012 | -0.009 |



CHM 003 1356

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 272.000 | 0.006 | 0.028 | 0.037 | 0.044 | -0.012 | -0.009 |
| 274.000 | 0.000 | 0.028 | 0.037 | 0.038 | -0.012 | -0.019 |
| 276.000 | 0.006 | 0.028 | 0.037 | 0.038 | -0.012 | 0.000 |
| 278.000 | 0.006 | 0.028 | 0.037 | 0.038 | -0.012 | -0.009 |
| 280.000 | 0.019 | 0.028 | 0.037 | 0.044 | -0.012 | 0.009 |
| 282.000 | 0.012 | 0.028 | 0.037 | 0.038 | -0.012 | -0.009 |
| 284.000 | 0.006 | 0.028 | 0.037 | 0.038 | -0.012 | -0.009 |
| 286.000 | 0.012 | 0.028 | 0.028 | 0.044 | -0.012 | 0.000 |
| 288.000 | 0.019 | 0.028 | 0.037 | 0.044 | -0.006 | 0.009 |
| 290.000 | 0.012 | 0.028 | 0.037 | 0.044 | -0.012 | 0.000 |
| 292.000 | 0.019 | 0.028 | 0.037 | 0.044 | -0.012 | 0.009 |
| 294.000 | 0.012 | 0.028 | 0.037 | 0.044 | -0.006 | 0.000 |
| 296.000 | 0.012 | 0.028 | 0.037 | 0.044 | -0.012 | 0.000 |
| 298.000 | 0.006 | 0.028 | 0.037 | 0.038 | -0.006 | 0.000 |
| 300.000 | 0.006 | 0.028 | 0.037 | 0.044 | -0.012 | 0.000 |
| 302.000 | 0.012 | 0.028 | 0.047 | 0.044 | -0.006 | 0.000 |
| 304.000 | 0.006 | 0.028 | 0.047 | 0.038 | -0.012 | 0.000 |
| 306.000 | 0.000 | 0.028 | 0.037 | 0.038 | -0.006 | -0.009 |
| 308.000 | 0.006 | 0.038 | 0.047 | 0.044 | -0.006 | 0.000 |
| 310.000 | 0.006 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 312.000 | 0.006 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 314.000 | 0.006 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 316.000 | 0.012 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 318.000 | 0.006 | 0.028 | 0.037 | 0.038 | -0.006 | 0.000 |
| 320.000 | 0.006 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 322.000 | 0.012 | 0.038 | 0.037 | 0.044 | -0.006 | 0.009 |
| 324.000 | 0.006 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 326.000 | 0.006 | 0.028 | 0.037 | 0.044 | -0.006 | 0.000 |
| 328.000 | 0.000 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 330.000 | 0.006 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 332.000 | 0.000 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 334.000 | 0.006 | 0.038 | 0.037 | 0.044 | -0.006 | 0.000 |
| 336.000 | -0.006 | 0.038 | 0.037 | 0.044 | -0.006 | -0.009 |
| 338.000 | -0.006 | 0.038 | 0.037 | 0.044 | -0.006 | -0.009 |
| 340.000 | -0.012 | 0.038 | 0.037 | 0.050 | -0.006 | -0.009 |
| 342.000 | -0.019 | 0.038 | 0.037 | 0.038 | -0.006 | -0.009 |
| 344.000 | -0.019 | 0.038 | 0.037 | 0.038 | -0.006 | -0.019 |
| 346.000 | -0.019 | 0.038 | 0.037 | 0.038 | -0.006 | -0.009 |
| 348.000 | -0.012 | 0.038 | 0.037 | 0.044 | -0.006 | -0.009 |
| 350.000 | -0.012 | 0.038 | 0.037 | 0.050 | 0.000 | 0.000 |
| 352.000 | -0.019 | 0.038 | 0.037 | 0.050 | -0.006 | -0.009 |
| 354.000 | -0.006 | 0.038 | 0.037 | 0.050 | 0.000 | 0.000 |
| 356.000 | 0.012 | 0.038 | 0.037 | 0.050 | 0.000 | 0.009 |
| 358.000 | 0.012 | 0.038 | 0.037 | 0.050 | -0.006 | 0.000 |
| 360.000 | -0.006 | 0.038 | 0.037 | 0.044 | 0.000 | -0.009 |
| 362.000 | -0.025 | 0.028 | 0.037 | 0.044 | 0.000 | -0.019 |
| 364.000 | -0.025 | 0.038 | 0.037 | 0.044 | -0.006 | -0.019 |
| 366.000 | -0.019 | 0.028 | 0.037 | 0.044 | 0.000 | -0.019 |
| 368.000 | -0.012 | 0.028 | 0.037 | 0.044 | 0.000 | -0.009 |
| 370.000 | 0.006 | 0.038 | 0.037 | 0.050 | 0.000 | 0.000 |
| 372.000 | 0.006 | 0.038 | 0.037 | 0.050 | 0.000 | -0.009 |
| 374.000 | 0.019 | 0.038 | 0.037 | 0.050 | 0.000 | 0.009 |
| 376.000 | 0.000 | 0.038 | 0.037 | 0.050 | 0.000 | -0.009 |
| 378.000 | -0.019 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |



CHM 003 1357

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 380.000 | -0.019 | 0.038 | 0.037 | 0.044 | 0.000 | -0.019 |
| 382.000 | -0.006 | 0.038 | 0.037 | 0.050 | 0.000 | -0.009 |
| 384.000 | 0.025 | 0.038 | 0.037 | 0.057 | 0.000 | 0.009 |
| 386.000 | 0.019 | 0.038 | 0.037 | 0.063 | 0.000 | 0.000 |
| 388.000 | 0.000 | 0.028 | 0.037 | 0.050 | 0.000 | -0.009 |
| 390.000 | -0.012 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 392.000 | -0.006 | 0.038 | 0.037 | 0.044 | 0.000 | -0.019 |
| 394.000 | -0.019 | 0.038 | 0.037 | 0.044 | 0.000 | -0.019 |
| 396.000 | -0.012 | 0.038 | 0.037 | 0.044 | 0.000 | -0.019 |
| 398.000 | -0.019 | 0.038 | 0.037 | 0.044 | 0.000 | -0.028 |
| 400.000 | -0.019 | 0.038 | 0.037 | 0.050 | 0.000 | -0.028 |
| 402.000 | -0.012 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 404.000 | -0.006 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 406.000 | -0.012 | 0.028 | 0.037 | 0.050 | 0.000 | -0.028 |
| 408.000 | -0.012 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 410.000 | -0.012 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 412.000 | -0.006 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 414.000 | -0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.028 |
| 416.000 | -0.012 | 0.038 | 0.037 | 0.050 | 0.000 | -0.028 |
| 418.000 | -0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 420.000 | -0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 422.000 | -0.012 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 424.000 | -0.006 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 426.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 428.000 | -0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 430.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 432.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 434.000 | -0.006 | 0.038 | 0.037 | 0.050 | 0.000 | -0.019 |
| 436.000 | -0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 438.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 440.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 442.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 444.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 446.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 448.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 450.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 452.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 454.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 456.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.009 |
| 458.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.009 |
| 460.000 | 0.012 | 0.038 | 0.037 | 0.057 | 0.000 | -0.009 |
| 462.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 464.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.006 | -0.009 |
| 466.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 468.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 470.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 472.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 474.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 476.000 | 0.000 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 478.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 480.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 482.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 484.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 486.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |



CHM 003 1358

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 488.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 490.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 492.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 494.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 496.000 | 0.006 | 0.038 | 0.037 | 0.063 | 0.006 | -0.009 |
| 498.000 | 0.006 | 0.038 | 0.037 | 0.057 | 0.000 | -0.019 |
| 500.000 | 0.006 | 0.038 | 0.037 | 0.063 | 0.006 | -0.019 |
| 502.000 | 0.012 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 504.000 | 0.012 | 0.038 | 0.037 | 0.063 | 0.006 | -0.019 |
| 506.000 | 0.012 | 0.038 | 0.037 | 0.057 | 0.006 | -0.009 |
| 508.000 | 0.012 | 0.038 | 0.037 | 0.063 | 0.006 | -0.009 |
| 510.000 | 0.006 | 0.038 | 0.047 | 0.057 | 0.006 | -0.009 |
| 512.000 | 0.006 | 0.038 | 0.037 | 0.063 | 0.006 | -0.019 |
| 514.000 | 0.012 | 0.038 | 0.047 | 0.057 | 0.006 | -0.019 |
| 516.000 | 0.012 | 0.038 | 0.037 | 0.057 | 0.006 | -0.019 |
| 518.000 | 0.012 | 0.038 | 0.037 | 0.057 | 0.006 | -0.009 |
| 520.000 | 0.006 | 0.038 | 0.037 | 0.063 | 0.006 | -0.009 |
| 522.000 | 0.012 | 0.038 | 0.047 | 0.063 | 0.006 | -0.009 |
| 524.000 | 0.012 | 0.038 | 0.047 | 0.063 | 0.006 | -0.019 |
| 526.000 | 0.012 | 0.038 | 0.037 | 0.057 | 0.006 | -0.009 |
| 528.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.019 |
| 530.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.019 |
| 532.000 | 0.012 | 0.038 | 0.047 | 0.063 | 0.006 | -0.009 |
| 534.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 536.000 | 0.012 | 0.038 | 0.047 | 0.063 | 0.006 | -0.009 |
| 538.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 540.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 542.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 544.000 | 0.019 | 0.047 | 0.037 | 0.063 | 0.006 | -0.009 |
| 546.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 548.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 550.000 | 0.012 | 0.047 | 0.047 | 0.069 | 0.006 | -0.009 |
| 552.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 554.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 556.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | 0.000 |
| 558.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 560.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 562.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.006 | -0.009 |
| 564.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 566.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 568.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 570.000 | 0.038 | 0.047 | 0.047 | 0.063 | 0.012 | 0.000 |
| 572.000 | 0.038 | 0.047 | 0.047 | 0.069 | 0.012 | 0.000 |
| 574.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.012 | 0.009 |
| 576.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 578.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.012 | -0.019 |
| 580.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.012 | -0.019 |
| 582.000 | 0.012 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 584.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 586.000 | 0.019 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 588.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 590.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 592.000 | 0.025 | 0.047 | 0.047 | 0.069 | 0.012 | -0.009 |
| 594.000 | 0.031 | 0.047 | 0.056 | 0.069 | 0.012 | -0.009 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 596.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 598.000 | 0.031 | 0.047 | 0.056 | 0.063 | 0.012 | -0.009 |
| 600.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | 0.000 |
| 602.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.012 | 0.000 |
| 604.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 606.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 608.000 | 0.038 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 610.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 612.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 614.000 | 0.025 | 0.057 | 0.047 | 0.063 | 0.012 | -0.009 |
| 616.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 618.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 620.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 622.000 | 0.025 | 0.047 | 0.047 | 0.069 | 0.012 | -0.009 |
| 624.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 626.000 | 0.038 | 0.047 | 0.047 | 0.063 | 0.018 | -0.009 |
| 628.000 | 0.025 | 0.047 | 0.047 | 0.069 | 0.012 | -0.009 |
| 630.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.012 | -0.009 |
| 632.000 | 0.038 | 0.047 | 0.047 | 0.069 | 0.018 | -0.009 |
| 634.000 | 0.044 | 0.047 | 0.056 | 0.063 | 0.018 | 0.000 |
| 636.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.018 | -0.009 |
| 638.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.018 | -0.019 |
| 640.000 | 0.031 | 0.047 | 0.047 | 0.069 | 0.018 | -0.009 |
| 642.000 | 0.025 | 0.047 | 0.056 | 0.069 | 0.018 | -0.009 |
| 644.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.018 | -0.009 |
| 646.000 | 0.031 | 0.047 | 0.047 | 0.069 | 0.018 | -0.009 |
| 648.000 | 0.044 | 0.047 | 0.047 | 0.063 | 0.018 | 0.000 |
| 650.000 | 0.044 | 0.047 | 0.047 | 0.063 | 0.018 | 0.000 |
| 652.000 | 0.031 | 0.047 | 0.047 | 0.069 | 0.018 | 0.000 |
| 654.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.018 | -0.009 |
| 656.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.018 | -0.009 |
| 658.000 | 0.044 | 0.047 | 0.047 | 0.063 | 0.018 | 0.000 |
| 660.000 | 0.031 | 0.047 | 0.047 | 0.063 | 0.018 | 0.000 |
| 662.000 | 0.025 | 0.047 | 0.047 | 0.063 | 0.018 | -0.009 |
| 664.000 | 0.025 | 0.047 | 0.047 | 0.069 | 0.018 | -0.009 |
| 666.000 | 0.031 | 0.047 | 0.056 | 0.069 | 0.018 | 0.000 |
| 668.000 | 0.031 | 0.047 | 0.056 | 0.063 | 0.018 | -0.009 |
| 670.000 | 0.025 | 0.047 | 0.056 | 0.063 | 0.018 | -0.009 |
| 672.000 | 0.025 | 0.047 | 0.056 | 0.069 | 0.018 | -0.009 |
| 674.000 | 0.031 | 0.047 | 0.056 | 0.069 | 0.018 | -0.009 |
| 676.000 | 0.031 | 0.047 | 0.056 | 0.063 | 0.018 | -0.009 |
| 678.000 | 0.031 | 0.047 | 0.056 | 0.069 | 0.018 | -0.009 |
| 680.000 | 0.025 | 0.047 | 0.056 | 0.069 | 0.018 | -0.009 |
| 682.000 | 0.031 | 0.047 | 0.056 | 0.069 | 0.018 | -0.009 |
| 684.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |
| 686.000 | 0.031 | 0.047 | 0.056 | 0.069 | 0.018 | -0.009 |
| 688.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | -0.009 |
| 690.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | -0.009 |
| 692.000 | 0.038 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |
| 694.000 | 0.038 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |
| 696.000 | 0.038 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |
| 698.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |
| 700.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | -0.009 |
| 702.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |



CHM 003 1360

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 704.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | -0.009 |
| 706.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | -0.009 |
| 708.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | -0.009 |
| 710.000 | 0.031 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |
| 712.000 | 0.038 | 0.057 | 0.056 | 0.069 | 0.018 | 0.000 |
| 714.000 | 0.038 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 716.000 | 0.038 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 718.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 720.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 722.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 724.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 726.000 | 0.038 | 0.057 | 0.066 | 0.069 | 0.025 | 0.000 |
| 728.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 730.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 732.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 734.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 736.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 738.000 | 0.038 | 0.057 | 0.066 | 0.069 | 0.025 | 0.000 |
| 740.000 | 0.038 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 742.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 744.000 | 0.044 | 0.057 | 0.066 | 0.069 | 0.018 | 0.000 |
| 746.000 | 0.044 | 0.066 | 0.066 | 0.076 | 0.025 | 0.000 |
| 748.000 | 0.050 | 0.066 | 0.066 | 0.076 | 0.025 | 0.000 |
| 750.000 | 0.050 | 0.066 | 0.066 | 0.076 | 0.018 | 0.000 |
| 752.000 | 0.044 | 0.066 | 0.066 | 0.076 | 0.025 | 0.000 |
| 754.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.025 | 0.000 |
| 756.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 758.000 | 0.050 | 0.066 | 0.066 | 0.069 | 0.025 | 0.000 |
| 760.000 | 0.050 | 0.066 | 0.066 | 0.069 | 0.025 | 0.000 |
| 762.000 | 0.044 | 0.066 | 0.066 | 0.076 | 0.025 | 0.000 |
| 764.000 | 0.044 | 0.066 | 0.066 | 0.076 | 0.025 | 0.000 |
| 766.000 | 0.044 | 0.066 | 0.066 | 0.076 | 0.025 | 0.000 |
| 768.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.025 | 0.000 |
| 770.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.025 | 0.000 |
| 772.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.025 | 0.000 |
| 774.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.025 | 0.000 |
| 776.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.025 | 0.000 |
| 778.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 780.000 | 0.050 | 0.066 | 0.075 | 0.069 | 0.025 | 0.009 |
| 782.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 784.000 | 0.044 | 0.066 | 0.075 | 0.069 | 0.025 | 0.009 |
| 786.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 788.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 790.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 792.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 794.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 796.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 798.000 | 0.057 | 0.066 | 0.075 | 0.069 | 0.025 | 0.009 |
| 800.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.031 | 0.000 |
| 802.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 804.000 | 0.050 | 0.066 | 0.075 | 0.069 | 0.025 | 0.009 |
| 806.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 808.000 | 0.044 | 0.066 | 0.075 | 0.076 | 0.025 | 0.000 |
| 810.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |



CHM 003 1361

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 812.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 814.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.025 | 0.009 |
| 816.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 818.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 820.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 822.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 824.000 | 0.057 | 0.066 | 0.075 | 0.082 | 0.031 | 0.019 |
| 826.000 | 0.063 | 0.066 | 0.075 | 0.076 | 0.031 | 0.019 |
| 828.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 830.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.009 |
| 832.000 | 0.050 | 0.076 | 0.075 | 0.076 | 0.031 | 0.009 |
| 834.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.019 |
| 836.000 | 0.050 | 0.076 | 0.075 | 0.076 | 0.031 | 0.009 |
| 838.000 | 0.050 | 0.076 | 0.075 | 0.076 | 0.031 | 0.019 |
| 840.000 | 0.050 | 0.076 | 0.075 | 0.076 | 0.031 | 0.019 |
| 842.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.031 | 0.019 |
| 844.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.019 |
| 846.000 | 0.057 | 0.066 | 0.075 | 0.076 | 0.031 | 0.019 |
| 848.000 | 0.050 | 0.076 | 0.085 | 0.076 | 0.031 | 0.019 |
| 850.000 | 0.050 | 0.076 | 0.075 | 0.076 | 0.031 | 0.019 |
| 852.000 | 0.057 | 0.076 | 0.075 | 0.076 | 0.031 | 0.019 |
| 854.000 | 0.050 | 0.076 | 0.075 | 0.076 | 0.031 | 0.009 |
| 856.000 | 0.050 | 0.076 | 0.075 | 0.076 | 0.031 | 0.019 |
| 858.000 | 0.050 | 0.066 | 0.075 | 0.076 | 0.031 | 0.019 |
| 860.000 | 0.057 | 0.076 | 0.075 | 0.076 | 0.031 | 0.009 |
| 862.000 | 0.057 | 0.076 | 0.085 | 0.076 | 0.031 | 0.019 |
| 864.000 | 0.050 | 0.076 | 0.085 | 0.082 | 0.031 | 0.019 |
| 866.000 | 0.057 | 0.076 | 0.085 | 0.082 | 0.031 | 0.019 |
| 868.000 | 0.057 | 0.076 | 0.085 | 0.076 | 0.031 | 0.019 |
| 870.000 | 0.057 | 0.076 | 0.085 | 0.076 | 0.031 | 0.019 |
| 872.000 | 0.057 | 0.076 | 0.085 | 0.076 | 0.031 | 0.019 |
| 874.000 | 0.063 | 0.076 | 0.085 | 0.076 | 0.031 | 0.019 |
| 876.000 | 0.070 | 0.076 | 0.085 | 0.076 | 0.037 | 0.019 |
| 878.000 | 0.063 | 0.076 | 0.085 | 0.076 | 0.031 | 0.019 |
| 880.000 | 0.063 | 0.076 | 0.075 | 0.076 | 0.031 | 0.019 |
| 882.000 | 0.057 | 0.076 | 0.075 | 0.076 | 0.031 | 0.019 |
| 884.000 | 0.057 | 0.076 | 0.085 | 0.082 | 0.031 | 0.019 |
| 886.000 | 0.057 | 0.076 | 0.075 | 0.082 | 0.037 | 0.019 |
| 888.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 890.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 892.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 894.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 896.000 | 0.063 | 0.076 | 0.075 | 0.076 | 0.037 | 0.019 |
| 898.000 | 0.057 | 0.076 | 0.085 | 0.082 | 0.037 | 0.009 |
| 900.000 | 0.057 | 0.076 | 0.085 | 0.082 | 0.037 | 0.009 |
| 902.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 904.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 906.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 908.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 910.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 912.000 | 0.057 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 914.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 916.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 918.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |



CHM 003 1362

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 920.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 922.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 924.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 926.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 928.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 930.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 932.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 934.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 936.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 938.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 940.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 942.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 944.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 946.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 948.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 950.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 952.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 954.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 956.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 958.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.037 | 0.019 |
| 960.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 962.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 964.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 966.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 968.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 970.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 972.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 974.000 | 0.070 | 0.076 | 0.085 | 0.089 | 0.044 | 0.019 |
| 976.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 978.000 | 0.070 | 0.076 | 0.085 | 0.089 | 0.044 | 0.019 |
| 980.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 982.000 | 0.063 | 0.076 | 0.085 | 0.089 | 0.044 | 0.019 |
| 984.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 986.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 988.000 | 0.076 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 990.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 992.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 994.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 996.000 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 998.000 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1000.00 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1002.00 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1004.00 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1006.00 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1008.00 | 0.076 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1010.00 | 0.063 | 0.076 | 0.075 | 0.082 | 0.044 | 0.019 |
| 1012.00 | 0.057 | 0.076 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1014.00 | 0.063 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1016.00 | 0.070 | 0.076 | 0.085 | 0.082 | 0.044 | 0.019 |
| 1018.00 | 0.063 | 0.076 | 0.075 | 0.082 | 0.044 | 0.019 |
| 1020.00 | 0.063 | 0.066 | 0.075 | 0.082 | 0.044 | 0.019 |
| 1022.00 | 0.063 | 0.066 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1024.00 | 0.070 | 0.066 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1026.00 | 0.070 | 0.066 | 0.075 | 0.076 | 0.044 | 0.019 |



CHM 003 1363

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1028.00 | 0.063 | 0.066 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1030.00 | 0.057 | 0.066 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1032.00 | 0.063 | 0.066 | 0.075 | 0.082 | 0.044 | 0.019 |
| 1034.00 | 0.063 | 0.066 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1036.00 | 0.057 | 0.066 | 0.075 | 0.076 | 0.044 | 0.009 |
| 1038.00 | 0.063 | 0.066 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1040.00 | 0.063 | 0.066 | 0.075 | 0.082 | 0.044 | 0.019 |
| 1042.00 | 0.057 | 0.066 | 0.075 | 0.082 | 0.044 | 0.009 |
| 1044.00 | 0.057 | 0.066 | 0.075 | 0.082 | 0.044 | 0.000 |
| 1046.00 | 0.050 | 0.066 | 0.075 | 0.082 | 0.044 | 0.000 |
| 1048.00 | 0.057 | 0.066 | 0.075 | 0.076 | 0.044 | 0.009 |
| 1050.00 | 0.063 | 0.066 | 0.075 | 0.076 | 0.044 | 0.009 |
| 1052.00 | 0.050 | 0.066 | 0.075 | 0.076 | 0.044 | 0.000 |
| 1054.00 | 0.057 | 0.066 | 0.066 | 0.082 | 0.044 | 0.000 |
| 1056.00 | 0.050 | 0.066 | 0.075 | 0.076 | 0.044 | 0.000 |
| 1058.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1060.00 | 0.050 | 0.066 | 0.075 | 0.076 | 0.044 | 0.000 |
| 1062.00 | 0.050 | 0.057 | 0.075 | 0.076 | 0.044 | 0.000 |
| 1064.00 | 0.057 | 0.057 | 0.075 | 0.076 | 0.044 | 0.000 |
| 1066.00 | 0.063 | 0.066 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1068.00 | 0.057 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1070.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1072.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1074.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1076.00 | 0.057 | 0.057 | 0.066 | 0.076 | 0.037 | 0.000 |
| 1078.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1080.00 | 0.044 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1082.00 | 0.044 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1084.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1086.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1088.00 | 0.044 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1090.00 | 0.044 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1092.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1094.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1096.00 | 0.038 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1098.00 | 0.044 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1100.00 | 0.044 | 0.057 | 0.066 | 0.069 | 0.037 | 0.000 |
| 1102.00 | 0.050 | 0.057 | 0.066 | 0.076 | 0.044 | 0.000 |
| 1104.00 | 0.050 | 0.057 | 0.066 | 0.069 | 0.037 | 0.000 |
| 1106.00 | 0.050 | 0.057 | 0.066 | 0.069 | 0.044 | 0.000 |
| 1108.00 | 0.038 | 0.057 | 0.066 | 0.069 | 0.037 | 0.000 |
| 1110.00 | 0.038 | 0.047 | 0.056 | 0.069 | 0.037 | -0.009 |
| 1112.00 | 0.038 | 0.047 | 0.066 | 0.069 | 0.037 | 0.000 |
| 1114.00 | 0.038 | 0.047 | 0.066 | 0.069 | 0.037 | 0.000 |
| 1116.00 | 0.038 | 0.047 | 0.056 | 0.069 | 0.044 | 0.000 |
| 1118.00 | 0.044 | 0.047 | 0.056 | 0.069 | 0.044 | 0.000 |
| 1120.00 | 0.044 | 0.047 | 0.056 | 0.069 | 0.037 | 0.000 |
| 1122.00 | 0.044 | 0.047 | 0.056 | 0.069 | 0.037 | 0.000 |
| 1124.00 | 0.038 | 0.047 | 0.056 | 0.069 | 0.037 | -0.009 |
| 1126.00 | 0.038 | 0.047 | 0.056 | 0.069 | 0.037 | -0.009 |
| 1128.00 | 0.038 | 0.047 | 0.056 | 0.063 | 0.037 | -0.009 |
| 1130.00 | 0.038 | 0.047 | 0.056 | 0.063 | 0.037 | -0.009 |
| 1132.00 | 0.038 | 0.047 | 0.056 | 0.063 | 0.037 | -0.009 |
| 1134.00 | 0.031 | 0.047 | 0.056 | 0.063 | 0.037 | -0.009 |



CHM 003 1364

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1136.00 | 0.031 | 0.047 | 0.056 | 0.069 | 0.037 | -0.009 |
| 1138.00 | 0.031 | 0.047 | 0.056 | 0.063 | 0.037 | 0.000 |
| 1140.00 | 0.038 | 0.047 | 0.056 | 0.063 | 0.037 | 0.000 |
| 1142.00 | 0.038 | 0.047 | 0.056 | 0.063 | 0.037 | 0.000 |
| 1144.00 | 0.038 | 0.047 | 0.056 | 0.063 | 0.037 | 0.000 |
| 1146.00 | 0.031 | 0.047 | 0.056 | 0.063 | 0.037 | -0.009 |
| 1148.00 | 0.025 | 0.038 | 0.047 | 0.063 | 0.037 | -0.009 |
| 1150.00 | 0.031 | 0.038 | 0.047 | 0.063 | 0.037 | -0.009 |
| 1152.00 | 0.038 | 0.038 | 0.056 | 0.063 | 0.037 | 0.000 |
| 1154.00 | 0.044 | 0.038 | 0.047 | 0.063 | 0.037 | 0.000 |
| 1156.00 | 0.044 | 0.038 | 0.047 | 0.063 | 0.037 | 0.000 |
| 1158.00 | 0.031 | 0.038 | 0.047 | 0.057 | 0.037 | -0.009 |
| 1160.00 | 0.031 | 0.038 | 0.047 | 0.057 | 0.037 | -0.009 |
| 1162.00 | 0.031 | 0.038 | 0.047 | 0.057 | 0.037 | -0.009 |
| 1164.00 | 0.031 | 0.038 | 0.047 | 0.057 | 0.037 | -0.009 |
| 1166.00 | 0.025 | 0.038 | 0.047 | 0.057 | 0.037 | -0.019 |
| 1168.00 | 0.019 | 0.038 | 0.037 | 0.057 | 0.037 | -0.019 |
| 1170.00 | 0.025 | 0.038 | 0.037 | 0.057 | 0.037 | -0.019 |
| 1172.00 | 0.025 | 0.038 | 0.037 | 0.057 | 0.037 | -0.019 |
| 1174.00 | 0.019 | 0.038 | 0.047 | 0.057 | 0.037 | -0.019 |
| 1176.00 | 0.019 | 0.028 | 0.037 | 0.057 | 0.037 | -0.019 |
| 1178.00 | 0.019 | 0.038 | 0.037 | 0.050 | 0.037 | -0.019 |
| 1180.00 | 0.019 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1182.00 | 0.025 | 0.028 | 0.037 | 0.057 | 0.031 | -0.019 |
| 1184.00 | 0.019 | 0.028 | 0.037 | 0.050 | 0.037 | -0.019 |
| 1186.00 | 0.019 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1188.00 | 0.025 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1190.00 | 0.025 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1192.00 | 0.019 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1194.00 | 0.025 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1196.00 | 0.025 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1198.00 | 0.025 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1200.00 | 0.025 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1202.00 | 0.019 | 0.028 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1204.00 | 0.019 | 0.028 | 0.028 | 0.050 | 0.031 | -0.019 |
| 1206.00 | 0.019 | 0.019 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1208.00 | 0.012 | 0.019 | 0.037 | 0.050 | 0.031 | -0.019 |
| 1210.00 | 0.019 | 0.019 | 0.028 | 0.050 | 0.031 | -0.019 |
| 1212.00 | 0.025 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1214.00 | 0.019 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1216.00 | 0.012 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1218.00 | 0.012 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1220.00 | 0.019 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1222.00 | 0.012 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1224.00 | 0.012 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1226.00 | 0.019 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1228.00 | 0.019 | 0.019 | 0.028 | 0.044 | 0.031 | -0.019 |
| 1230.00 | 0.012 | 0.019 | 0.018 | 0.038 | 0.025 | -0.028 |
| 1232.00 | 0.012 | 0.019 | 0.028 | 0.038 | 0.031 | -0.028 |
| 1234.00 | 0.012 | 0.019 | 0.028 | 0.044 | 0.031 | -0.028 |
| 1236.00 | 0.012 | 0.019 | 0.028 | 0.044 | 0.025 | -0.028 |
| 1238.00 | 0.012 | 0.019 | 0.018 | 0.038 | 0.025 | -0.028 |
| 1240.00 | 0.006 | 0.009 | 0.018 | 0.038 | 0.025 | -0.028 |
| 1242.00 | 0.006 | 0.009 | 0.028 | 0.038 | 0.025 | -0.028 |



CHM 003 1365

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1244.00 | 0.012 | 0.009 | 0.028 | 0.038 | 0.025 | -0.028 |
| 1246.00 | 0.012 | 0.009 | 0.028 | 0.038 | 0.025 | -0.028 |
| 1248.00 | 0.012 | 0.009 | 0.018 | 0.038 | 0.025 | -0.028 |
| 1250.00 | 0.012 | 0.009 | 0.018 | 0.038 | 0.025 | -0.028 |
| 1252.00 | 0.012 | 0.009 | 0.018 | 0.038 | 0.025 | -0.028 |
| 1254.00 | 0.012 | 0.009 | 0.018 | 0.038 | 0.025 | -0.028 |
| 1256.00 | 0.012 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1258.00 | 0.012 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1260.00 | 0.012 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1262.00 | 0.006 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1264.00 | 0.006 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1266.00 | 0.006 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1268.00 | 0.006 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1270.00 | 0.006 | 0.009 | 0.018 | 0.031 | 0.018 | -0.028 |
| 1272.00 | 0.006 | 0.000 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1274.00 | 0.006 | 0.009 | 0.018 | 0.031 | 0.025 | -0.028 |
| 1276.00 | 0.006 | 0.000 | 0.018 | 0.025 | 0.018 | -0.028 |
| 1278.00 | 0.006 | 0.000 | 0.018 | 0.031 | 0.018 | -0.028 |
| 1280.00 | 0.006 | 0.000 | 0.018 | 0.025 | 0.018 | -0.028 |
| 1282.00 | 0.006 | 0.000 | 0.009 | 0.025 | 0.018 | -0.019 |
| 1284.00 | 0.006 | 0.000 | 0.018 | 0.025 | 0.025 | -0.019 |
| 1286.00 | 0.006 | 0.000 | 0.009 | 0.025 | 0.018 | -0.019 |
| 1288.00 | 0.006 | 0.000 | 0.009 | 0.025 | 0.018 | -0.019 |
| 1290.00 | 0.000 | 0.000 | 0.009 | 0.025 | 0.018 | -0.019 |
| 1292.00 | 0.006 | 0.000 | 0.009 | 0.025 | 0.018 | -0.019 |
| 1294.00 | 0.006 | 0.000 | 0.009 | 0.025 | 0.018 | -0.019 |
| 1296.00 | 0.006 | 0.000 | 0.009 | 0.019 | 0.018 | -0.019 |
| 1298.00 | 0.006 | 0.000 | 0.009 | 0.019 | 0.018 | -0.009 |
| 1300.00 | 0.006 | 0.000 | 0.009 | 0.019 | 0.018 | -0.009 |
| 1302.00 | 0.000 | 0.000 | 0.009 | 0.019 | 0.018 | -0.009 |
| 1304.00 | 0.000 | 0.000 | 0.009 | 0.019 | 0.018 | -0.009 |
| 1306.00 | 0.000 | 0.000 | 0.009 | 0.019 | 0.018 | -0.009 |
| 1308.00 | 0.000 | -0.009 | 0.009 | 0.019 | 0.018 | -0.009 |
| 1310.00 | 0.000 | 0.000 | 0.000 | 0.019 | 0.018 | -0.009 |
| 1312.00 | 0.000 | -0.009 | 0.000 | 0.019 | 0.012 | -0.009 |
| 1314.00 | -0.006 | -0.009 | 0.000 | 0.019 | 0.018 | -0.009 |
| 1316.00 | -0.006 | -0.009 | 0.000 | 0.019 | 0.018 | -0.009 |
| 1318.00 | -0.006 | -0.009 | 0.000 | 0.019 | 0.018 | -0.009 |
| 1320.00 | 0.000 | -0.009 | 0.000 | 0.019 | 0.012 | -0.009 |
| 1322.00 | -0.006 | -0.009 | 0.000 | 0.012 | 0.018 | -0.009 |
| 1324.00 | -0.012 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1326.00 | -0.006 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1328.00 | -0.006 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1330.00 | -0.006 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1332.00 | -0.006 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1334.00 | -0.006 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1336.00 | -0.012 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1338.00 | -0.012 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1340.00 | -0.012 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1342.00 | -0.012 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1344.00 | -0.012 | -0.009 | 0.000 | 0.012 | 0.012 | -0.009 |
| 1346.00 | -0.012 | -0.009 | 0.000 | 0.006 | 0.012 | -0.009 |
| 1348.00 | -0.012 | -0.009 | 0.000 | 0.006 | 0.012 | -0.009 |
| 1350.00 | -0.019 | -0.009 | 0.000 | 0.006 | 0.012 | -0.019 |

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1352.00 | -0.019 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1354.00 | -0.019 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1356.00 | -0.012 | -0.009 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1358.00 | -0.019 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1360.00 | -0.025 | -0.009 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1362.00 | -0.019 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1364.00 | -0.019 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1366.00 | -0.025 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1368.00 | -0.019 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1370.00 | -0.025 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1372.00 | -0.025 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1374.00 | -0.025 | -0.019 | 0.000 | 0.006 | 0.012 | -0.019 |
| 1376.00 | -0.025 | -0.019 | 0.000 | 0.000 | 0.012 | -0.019 |
| 1378.00 | -0.025 | -0.019 | 0.000 | 0.000 | 0.012 | -0.028 |
| 1380.00 | -0.025 | -0.019 | 0.000 | 0.000 | 0.012 | -0.028 |
| 1382.00 | -0.025 | -0.019 | 0.000 | 0.000 | 0.012 | -0.028 |
| 1384.00 | -0.025 | -0.019 | 0.000 | -0.006 | 0.006 | -0.019 |
| 1386.00 | -0.025 | -0.019 | 0.000 | -0.006 | 0.012 | -0.019 |
| 1388.00 | -0.025 | -0.019 | 0.000 | -0.006 | 0.006 | -0.019 |
| 1390.00 | -0.025 | -0.019 | 0.000 | 0.000 | 0.012 | -0.019 |
| 1392.00 | -0.019 | -0.019 | 0.000 | 0.000 | 0.012 | -0.019 |
| 1394.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.012 | -0.009 |
| 1396.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.006 | -0.009 |
| 1398.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.006 | -0.009 |
| 1400.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.012 | -0.009 |
| 1402.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.012 | -0.009 |
| 1404.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.012 | -0.009 |
| 1406.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.006 | -0.009 |
| 1408.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.006 | 0.000 |
| 1410.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.012 | 0.000 |
| 1412.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.006 | 0.000 |
| 1414.00 | -0.019 | -0.019 | 0.000 | -0.006 | 0.006 | 0.000 |
| 1416.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.000 |
| 1418.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.000 |
| 1420.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.000 |
| 1422.00 | -0.025 | -0.019 | 0.000 | -0.006 | 0.006 | 0.000 |
| 1424.00 | -0.019 | -0.019 | 0.000 | -0.012 | 0.012 | 0.009 |
| 1426.00 | -0.025 | -0.019 | -0.009 | -0.012 | 0.006 | 0.000 |
| 1428.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.009 |
| 1430.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.009 |
| 1432.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.009 |
| 1434.00 | -0.025 | -0.019 | -0.009 | -0.012 | 0.006 | 0.009 |
| 1436.00 | -0.019 | -0.019 | -0.009 | -0.012 | 0.006 | 0.009 |
| 1438.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.009 |
| 1440.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.012 | 0.009 |
| 1442.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.009 |
| 1444.00 | -0.031 | -0.019 | 0.000 | -0.012 | 0.006 | 0.009 |
| 1446.00 | -0.025 | -0.019 | 0.000 | -0.012 | 0.006 | 0.009 |
| 1448.00 | -0.025 | -0.019 | -0.009 | -0.012 | 0.006 | 0.009 |
| 1450.00 | -0.019 | -0.019 | 0.000 | -0.019 | 0.006 | 0.019 |
| 1452.00 | -0.019 | -0.019 | -0.009 | -0.019 | 0.006 | 0.009 |
| 1454.00 | -0.019 | -0.019 | -0.009 | -0.025 | 0.006 | 0.009 |
| 1456.00 | -0.025 | -0.019 | -0.009 | -0.025 | 0.006 | 0.009 |
| 1458.00 | -0.031 | -0.019 | -0.009 | -0.025 | 0.006 | 0.009 |



CHM 003 1367

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1460.00 | -0.031 | -0.019 | -0.009 | -0.025 | 0.006 | 0.009 |
| 1462.00 | -0.025 | -0.019 | -0.009 | -0.025 | 0.006 | 0.009 |
| 1464.00 | -0.025 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1466.00 | -0.031 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1468.00 | -0.031 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1470.00 | -0.025 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1472.00 | -0.025 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1474.00 | -0.025 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1476.00 | -0.025 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1478.00 | -0.025 | -0.019 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1480.00 | -0.019 | -0.028 | -0.009 | -0.031 | 0.006 | 0.009 |
| 1482.00 | -0.025 | -0.028 | -0.009 | -0.038 | 0.006 | 0.000 |
| 1484.00 | -0.025 | -0.019 | -0.009 | -0.038 | 0.006 | 0.000 |
| 1486.00 | -0.019 | -0.028 | -0.009 | -0.038 | 0.006 | 0.009 |
| 1488.00 | -0.025 | -0.028 | -0.009 | -0.038 | 0.006 | 0.000 |
| 1490.00 | -0.025 | -0.028 | -0.018 | -0.044 | 0.006 | 0.000 |
| 1492.00 | -0.031 | -0.028 | -0.018 | -0.044 | 0.006 | 0.000 |
| 1494.00 | -0.031 | -0.028 | -0.018 | -0.050 | 0.006 | -0.009 |
| 1496.00 | -0.038 | -0.028 | -0.018 | -0.050 | 0.006 | -0.009 |
| 1498.00 | -0.025 | -0.028 | -0.018 | -0.050 | 0.006 | 0.000 |
| 1500.00 | -0.025 | -0.028 | -0.018 | -0.050 | 0.006 | -0.009 |
| 1502.00 | -0.031 | -0.028 | -0.018 | -0.050 | 0.000 | -0.009 |
| 1504.00 | -0.031 | -0.028 | -0.018 | -0.050 | 0.006 | -0.019 |
| 1506.00 | -0.031 | -0.028 | -0.018 | -0.050 | 0.000 | -0.009 |
| 1508.00 | -0.025 | -0.028 | -0.018 | -0.057 | 0.000 | -0.009 |
| 1510.00 | -0.031 | -0.028 | -0.018 | -0.057 | 0.000 | -0.009 |
| 1512.00 | -0.031 | -0.028 | -0.018 | -0.063 | 0.000 | -0.009 |
| 1514.00 | -0.031 | -0.028 | -0.018 | -0.063 | 0.000 | -0.019 |
| 1516.00 | -0.031 | -0.028 | -0.018 | -0.063 | 0.000 | -0.019 |
| 1518.00 | -0.031 | -0.028 | -0.018 | -0.063 | 0.000 | -0.019 |
| 1520.00 | -0.031 | -0.028 | -0.018 | -0.063 | 0.000 | -0.019 |
| 1522.00 | -0.038 | -0.028 | -0.018 | -0.063 | 0.000 | -0.019 |
| 1524.00 | -0.038 | -0.028 | -0.018 | -0.069 | 0.000 | -0.019 |
| 1526.00 | -0.031 | -0.028 | -0.018 | -0.069 | 0.000 | -0.019 |
| 1528.00 | -0.038 | -0.028 | -0.018 | -0.069 | 0.000 | -0.019 |
| 1530.00 | -0.038 | -0.038 | -0.018 | -0.076 | 0.000 | -0.019 |
| 1532.00 | -0.038 | -0.038 | -0.018 | -0.069 | 0.000 | -0.019 |
| 1534.00 | -0.038 | -0.028 | -0.018 | -0.076 | 0.000 | -0.019 |
| 1536.00 | -0.038 | -0.038 | -0.018 | -0.076 | 0.000 | -0.019 |
| 1538.00 | -0.038 | -0.028 | -0.018 | -0.076 | 0.000 | -0.019 |
| 1540.00 | -0.038 | -0.038 | -0.018 | -0.076 | 0.000 | -0.019 |
| 1542.00 | -0.031 | -0.038 | -0.018 | -0.076 | -0.006 | -0.019 |
| 1544.00 | -0.038 | -0.038 | -0.028 | -0.082 | -0.006 | -0.019 |
| 1546.00 | -0.038 | -0.038 | -0.028 | -0.082 | -0.006 | -0.019 |
| 1548.00 | -0.038 | -0.038 | -0.028 | -0.082 | -0.006 | -0.019 |
| 1550.00 | -0.038 | -0.038 | -0.028 | -0.082 | -0.006 | -0.019 |
| 1552.00 | -0.044 | -0.038 | -0.028 | -0.089 | -0.006 | -0.019 |
| 1554.00 | -0.044 | -0.038 | -0.028 | -0.089 | -0.006 | -0.019 |
| 1556.00 | -0.038 | -0.038 | -0.028 | -0.089 | -0.006 | -0.019 |
| 1558.00 | -0.044 | -0.038 | -0.028 | -0.089 | -0.006 | -0.019 |
| 1560.00 | -0.044 | -0.038 | -0.028 | -0.089 | -0.006 | -0.019 |
| 1562.00 | -0.038 | -0.038 | -0.028 | -0.095 | -0.006 | -0.019 |
| 1564.00 | -0.044 | -0.038 | -0.028 | -0.095 | -0.006 | -0.028 |
| 1566.00 | -0.044 | -0.038 | -0.028 | -0.095 | -0.006 | -0.028 |



CHM 003 1368

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1568.00 | -0.038 | -0.038 | -0.028 | -0.101 | -0.006 | -0.019 |
| 1570.00 | -0.038 | -0.038 | -0.028 | -0.101 | -0.006 | -0.019 |
| 1572.00 | -0.038 | -0.038 | -0.028 | -0.108 | -0.012 | -0.019 |
| 1574.00 | -0.044 | -0.038 | -0.028 | -0.108 | -0.012 | -0.028 |
| 1576.00 | -0.044 | -0.038 | -0.028 | -0.108 | -0.012 | -0.028 |
| 1578.00 | -0.050 | -0.038 | -0.028 | -0.114 | -0.012 | -0.028 |
| 1580.00 | -0.044 | -0.038 | -0.028 | -0.114 | -0.012 | -0.028 |
| 1582.00 | -0.044 | -0.047 | -0.037 | -0.120 | -0.012 | -0.028 |
| 1584.00 | -0.044 | -0.047 | -0.037 | -0.120 | -0.012 | -0.028 |
| 1586.00 | -0.044 | -0.047 | -0.037 | -0.127 | -0.012 | -0.028 |
| 1588.00 | -0.050 | -0.047 | -0.037 | -0.127 | -0.012 | -0.028 |
| 1590.00 | -0.050 | -0.047 | -0.037 | -0.127 | -0.012 | -0.038 |
| 1592.00 | -0.050 | -0.047 | -0.037 | -0.127 | -0.012 | -0.038 |
| 1594.00 | -0.044 | -0.047 | -0.037 | -0.133 | -0.012 | -0.028 |
| 1596.00 | -0.050 | -0.047 | -0.037 | -0.127 | -0.018 | -0.038 |
| 1598.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1600.00 | -0.044 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1602.00 | -0.044 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1604.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1606.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1608.00 | -0.057 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1610.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1612.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1614.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1616.00 | -0.057 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1618.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1620.00 | -0.057 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1622.00 | -0.050 | -0.047 | -0.037 | -0.133 | -0.018 | -0.038 |
| 1624.00 | -0.050 | -0.047 | -0.037 | -0.139 | -0.018 | -0.038 |
| 1626.00 | -0.057 | -0.047 | -0.037 | -0.139 | -0.018 | -0.038 |
| 1628.00 | -0.057 | -0.047 | -0.037 | -0.139 | -0.025 | -0.038 |
| 1630.00 | -0.057 | -0.047 | -0.037 | -0.139 | -0.025 | -0.038 |
| 1632.00 | -0.050 | -0.047 | -0.037 | -0.139 | -0.025 | -0.038 |
| 1634.00 | -0.050 | -0.047 | -0.037 | -0.139 | -0.025 | -0.038 |
| 1636.00 | -0.057 | -0.047 | -0.037 | -0.139 | -0.025 | -0.038 |
| 1638.00 | -0.057 | -0.047 | -0.037 | -0.139 | -0.025 | -0.038 |
| 1640.00 | -0.050 | -0.057 | -0.037 | -0.146 | -0.025 | -0.038 |
| 1642.00 | -0.057 | -0.047 | -0.037 | -0.146 | -0.025 | -0.047 |
| 1644.00 | -0.057 | -0.057 | -0.037 | -0.146 | -0.025 | -0.038 |
| 1646.00 | -0.057 | -0.047 | -0.037 | -0.146 | -0.025 | -0.047 |
| 1648.00 | -0.057 | -0.057 | -0.037 | -0.146 | -0.025 | -0.047 |
| 1650.00 | -0.057 | -0.057 | -0.037 | -0.146 | -0.031 | -0.047 |
| 1652.00 | -0.057 | -0.057 | -0.037 | -0.146 | -0.025 | -0.047 |
| 1654.00 | -0.057 | -0.057 | -0.037 | -0.146 | -0.031 | -0.047 |
| 1656.00 | -0.057 | -0.057 | -0.047 | -0.152 | -0.031 | -0.047 |
| 1658.00 | -0.057 | -0.057 | -0.037 | -0.152 | -0.031 | -0.047 |
| 1660.00 | -0.057 | -0.057 | -0.047 | -0.158 | -0.031 | -0.047 |
| 1662.00 | -0.057 | -0.057 | -0.047 | -0.158 | -0.031 | -0.047 |
| 1664.00 | -0.063 | -0.057 | -0.047 | -0.152 | -0.031 | -0.047 |
| 1666.00 | -0.063 | -0.057 | -0.047 | -0.152 | -0.031 | -0.047 |
| 1668.00 | -0.063 | -0.057 | -0.047 | -0.152 | -0.031 | -0.047 |
| 1670.00 | -0.057 | -0.057 | -0.047 | -0.152 | -0.031 | -0.047 |
| 1672.00 | -0.057 | -0.057 | -0.047 | -0.152 | -0.031 | -0.047 |
| 1674.00 | -0.063 | -0.057 | -0.047 | -0.158 | -0.031 | -0.047 |



CHM 003 1369

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1676.00 | -0.063 | -0.057 | -0.047 | -0.158 | -0.031 | -0.047 |
| 1678.00 | -0.057 | -0.057 | -0.047 | -0.158 | -0.031 | -0.047 |
| 1680.00 | -0.063 | -0.057 | -0.047 | -0.158 | -0.031 | -0.047 |
| 1682.00 | -0.063 | -0.057 | -0.047 | -0.165 | -0.031 | -0.047 |
| 1684.00 | -0.063 | -0.057 | -0.047 | -0.165 | -0.037 | -0.047 |
| 1686.00 | -0.063 | -0.057 | -0.047 | -0.165 | -0.037 | -0.047 |
| 1688.00 | -0.063 | -0.057 | -0.047 | -0.165 | -0.037 | -0.047 |
| 1690.00 | -0.070 | -0.057 | -0.047 | -0.165 | -0.037 | -0.047 |
| 1692.00 | -0.063 | -0.057 | -0.047 | -0.165 | -0.037 | -0.047 |
| 1694.00 | -0.063 | -0.057 | -0.047 | -0.171 | -0.037 | -0.057 |
| 1696.00 | -0.070 | -0.057 | -0.047 | -0.171 | -0.037 | -0.057 |
| 1698.00 | -0.063 | -0.057 | -0.047 | -0.171 | -0.037 | -0.047 |
| 1700.00 | -0.063 | -0.057 | -0.047 | -0.171 | -0.037 | -0.057 |
| 1702.00 | -0.070 | -0.057 | -0.047 | -0.178 | -0.037 | -0.057 |
| 1704.00 | -0.070 | -0.066 | -0.047 | -0.178 | -0.037 | -0.057 |
| 1706.00 | -0.063 | -0.066 | -0.047 | -0.178 | -0.037 | -0.057 |
| 1708.00 | -0.070 | -0.066 | -0.056 | -0.178 | -0.037 | -0.057 |
| 1710.00 | -0.070 | -0.066 | -0.056 | -0.178 | -0.044 | -0.057 |
| 1712.00 | -0.070 | -0.066 | -0.056 | -0.178 | -0.044 | -0.057 |
| 1714.00 | -0.070 | -0.066 | -0.056 | -0.184 | -0.044 | -0.057 |
| 1716.00 | -0.070 | -0.066 | -0.056 | -0.184 | -0.044 | -0.057 |
| 1718.00 | -0.070 | -0.066 | -0.056 | -0.184 | -0.044 | -0.057 |
| 1720.00 | -0.070 | -0.066 | -0.056 | -0.184 | -0.044 | -0.057 |
| 1722.00 | -0.070 | -0.066 | -0.056 | -0.184 | -0.044 | -0.057 |
| 1724.00 | -0.070 | -0.066 | -0.056 | -0.184 | -0.044 | -0.057 |
| 1726.00 | -0.070 | -0.066 | -0.056 | -0.184 | -0.044 | -0.057 |
| 1728.00 | -0.070 | -0.066 | -0.056 | -0.190 | -0.044 | -0.057 |
| 1730.00 | -0.070 | -0.066 | -0.056 | -0.190 | -0.044 | -0.057 |
| 1732.00 | -0.070 | -0.066 | -0.056 | -0.197 | -0.044 | -0.057 |
| 1734.00 | -0.070 | -0.066 | -0.056 | -0.197 | -0.044 | -0.057 |
| 1736.00 | -0.076 | -0.066 | -0.056 | -0.203 | -0.044 | -0.057 |
| 1738.00 | -0.076 | -0.066 | -0.056 | -0.203 | -0.050 | -0.057 |
| 1740.00 | -0.076 | -0.066 | -0.066 | -0.203 | -0.050 | -0.057 |
| 1742.00 | -0.076 | -0.066 | -0.056 | -0.203 | -0.050 | -0.057 |
| 1744.00 | -0.076 | -0.076 | -0.066 | -0.209 | -0.050 | -0.057 |
| 1746.00 | -0.076 | -0.066 | -0.056 | -0.203 | -0.050 | -0.066 |
| 1748.00 | -0.076 | -0.076 | -0.066 | -0.203 | -0.050 | -0.057 |
| 1750.00 | -0.076 | -0.066 | -0.066 | -0.209 | -0.050 | -0.057 |
| 1752.00 | -0.082 | -0.076 | -0.066 | -0.209 | -0.050 | -0.066 |
| 1754.00 | -0.082 | -0.076 | -0.066 | -0.209 | -0.050 | -0.066 |
| 1756.00 | -0.082 | -0.076 | -0.066 | -0.209 | -0.050 | -0.066 |
| 1758.00 | -0.082 | -0.076 | -0.066 | -0.209 | -0.050 | -0.066 |
| 1760.00 | -0.082 | -0.076 | -0.066 | -0.209 | -0.050 | -0.057 |
| 1762.00 | -0.082 | -0.076 | -0.066 | -0.209 | -0.050 | -0.066 |
| 1764.00 | -0.082 | -0.076 | -0.066 | -0.209 | -0.050 | -0.066 |
| 1766.00 | -0.082 | -0.076 | -0.066 | -0.216 | -0.056 | -0.066 |
| 1768.00 | -0.082 | -0.076 | -0.066 | -0.216 | -0.056 | -0.066 |
| 1770.00 | -0.082 | -0.076 | -0.066 | -0.216 | -0.056 | -0.066 |
| 1772.00 | -0.082 | -0.076 | -0.066 | -0.216 | -0.056 | -0.066 |
| 1774.00 | -0.082 | -0.076 | -0.066 | -0.216 | -0.056 | -0.066 |
| 1776.00 | -0.089 | -0.076 | -0.066 | -0.216 | -0.056 | -0.066 |
| 1778.00 | -0.089 | -0.076 | -0.066 | -0.216 | -0.056 | -0.066 |
| 1780.00 | -0.089 | -0.076 | -0.066 | -0.222 | -0.056 | -0.066 |
| 1782.00 | -0.089 | -0.076 | -0.066 | -0.222 | -0.056 | -0.066 |



CHM 003 1370

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1784.00 | -0.089 | -0.085 | -0.066 | -0.222 | -0.056 | -0.066 |
| 1786.00 | -0.089 | -0.085 | -0.066 | -0.222 | -0.056 | -0.066 |
| 1788.00 | -0.089 | -0.085 | -0.075 | -0.222 | -0.056 | -0.066 |
| 1790.00 | -0.089 | -0.085 | -0.075 | -0.222 | -0.056 | -0.066 |
| 1792.00 | -0.089 | -0.085 | -0.075 | -0.222 | -0.056 | -0.066 |
| 1794.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.056 | -0.066 |
| 1796.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.063 | -0.066 |
| 1798.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.063 | -0.066 |
| 1800.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.063 | -0.076 |
| 1802.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.063 | -0.076 |
| 1804.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.063 | -0.066 |
| 1806.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.063 | -0.076 |
| 1808.00 | -0.089 | -0.085 | -0.075 | -0.228 | -0.063 | -0.076 |
| 1810.00 | -0.095 | -0.085 | -0.075 | -0.228 | -0.063 | -0.076 |
| 1812.00 | -0.095 | -0.085 | -0.075 | -0.228 | -0.063 | -0.076 |
| 1814.00 | -0.089 | -0.085 | -0.075 | -0.235 | -0.063 | -0.076 |
| 1816.00 | -0.095 | -0.085 | -0.075 | -0.235 | -0.063 | -0.076 |
| 1818.00 | -0.095 | -0.085 | -0.075 | -0.235 | -0.063 | -0.076 |
| 1820.00 | -0.095 | -0.085 | -0.075 | -0.235 | -0.063 | -0.076 |
| 1822.00 | -0.095 | -0.085 | -0.075 | -0.235 | -0.063 | -0.076 |
| 1824.00 | -0.095 | -0.095 | -0.085 | -0.235 | -0.063 | -0.076 |
| 1826.00 | -0.095 | -0.095 | -0.085 | -0.241 | -0.063 | -0.076 |
| 1828.00 | -0.095 | -0.095 | -0.075 | -0.235 | -0.069 | -0.076 |
| 1830.00 | -0.095 | -0.095 | -0.085 | -0.235 | -0.069 | -0.076 |
| 1832.00 | -0.095 | -0.095 | -0.085 | -0.235 | -0.069 | -0.076 |
| 1834.00 | -0.101 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1836.00 | -0.095 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1838.00 | -0.095 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1840.00 | -0.095 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1842.00 | -0.101 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1844.00 | -0.101 | -0.095 | -0.085 | -0.247 | -0.069 | -0.076 |
| 1846.00 | -0.101 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1848.00 | -0.101 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1850.00 | -0.101 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1852.00 | -0.108 | -0.095 | -0.085 | -0.241 | -0.069 | -0.076 |
| 1854.00 | -0.101 | -0.095 | -0.085 | -0.241 | -0.069 | -0.085 |
| 1856.00 | -0.101 | -0.095 | -0.085 | -0.247 | -0.069 | -0.076 |
| 1858.00 | -0.101 | -0.104 | -0.094 | -0.247 | -0.069 | -0.076 |
| 1860.00 | -0.101 | -0.104 | -0.094 | -0.247 | -0.075 | -0.076 |
| 1862.00 | -0.101 | -0.104 | -0.094 | -0.247 | -0.075 | -0.085 |
| 1864.00 | -0.101 | -0.104 | -0.094 | -0.247 | -0.075 | -0.085 |
| 1866.00 | -0.101 | -0.104 | -0.094 | -0.247 | -0.075 | -0.085 |
| 1868.00 | -0.108 | -0.104 | -0.094 | -0.247 | -0.075 | -0.085 |
| 1870.00 | -0.108 | -0.104 | -0.094 | -0.247 | -0.075 | -0.085 |
| 1872.00 | -0.108 | -0.104 | -0.094 | -0.247 | -0.075 | -0.085 |
| 1874.00 | -0.108 | -0.104 | -0.094 | -0.247 | -0.075 | -0.085 |
| 1876.00 | -0.108 | -0.104 | -0.094 | -0.254 | -0.075 | -0.085 |
| 1878.00 | -0.108 | -0.104 | -0.094 | -0.254 | -0.075 | -0.085 |
| 1880.00 | -0.108 | -0.104 | -0.094 | -0.254 | -0.075 | -0.085 |
| 1882.00 | -0.108 | -0.104 | -0.104 | -0.254 | -0.075 | -0.085 |
| 1884.00 | -0.114 | -0.114 | -0.094 | -0.254 | -0.075 | -0.085 |
| 1886.00 | -0.108 | -0.104 | -0.094 | -0.254 | -0.075 | -0.085 |
| 1888.00 | -0.114 | -0.114 | -0.104 | -0.260 | -0.075 | -0.095 |
| 1890.00 | -0.114 | -0.114 | -0.104 | -0.260 | -0.075 | -0.085 |



CHM 003 1371

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 1892.00 | -0.114 | -0.114 | -0.104 | -0.260 | -0.082 | -0.095 |
| 1894.00 | -0.108 | -0.114 | -0.104 | -0.260 | -0.082 | -0.085 |
| 1896.00 | -0.108 | -0.114 | -0.104 | -0.267 | -0.082 | -0.095 |
| 1898.00 | -0.114 | -0.114 | -0.104 | -0.267 | -0.082 | -0.095 |
| 1900.00 | -0.114 | -0.114 | -0.104 | -0.267 | -0.082 | -0.095 |
| 1902.00 | -0.114 | -0.114 | -0.104 | -0.267 | -0.082 | -0.095 |
| 1904.00 | -0.114 | -0.114 | -0.104 | -0.267 | -0.082 | -0.095 |
| 1906.00 | -0.121 | -0.114 | -0.104 | -0.267 | -0.082 | -0.095 |
| 1908.00 | -0.114 | -0.114 | -0.104 | -0.267 | -0.082 | -0.095 |
| 1910.00 | -0.114 | -0.114 | -0.104 | -0.273 | -0.082 | -0.095 |
| 1912.00 | -0.121 | -0.123 | -0.113 | -0.273 | -0.082 | -0.095 |
| 1914.00 | -0.121 | -0.123 | -0.104 | -0.273 | -0.082 | -0.095 |
| 1916.00 | -0.121 | -0.123 | -0.113 | -0.273 | -0.082 | -0.095 |
| 1918.00 | -0.121 | -0.123 | -0.113 | -0.273 | -0.088 | -0.095 |
| 1920.00 | -0.121 | -0.123 | -0.113 | -0.273 | -0.088 | -0.095 |
| 1922.00 | -0.121 | -0.123 | -0.113 | -0.273 | -0.088 | -0.095 |
| 1924.00 | -0.121 | -0.123 | -0.113 | -0.273 | -0.088 | -0.095 |
| 1926.00 | -0.121 | -0.123 | -0.113 | -0.273 | -0.088 | -0.095 |
| 1928.00 | -0.127 | -0.123 | -0.113 | -0.273 | -0.088 | -0.095 |
| 1930.00 | -0.127 | -0.123 | -0.113 | -0.273 | -0.088 | -0.095 |
| 1932.00 | -0.127 | -0.123 | -0.113 | -0.273 | -0.088 | -0.104 |
| 1934.00 | -0.127 | -0.123 | -0.113 | -0.273 | -0.088 | -0.104 |
| 1936.00 | -0.127 | -0.123 | -0.113 | -0.273 | -0.088 | -0.104 |
| 1938.00 | -0.127 | -0.123 | -0.123 | -0.273 | -0.088 | -0.104 |
| 1940.00 | -0.127 | -0.123 | -0.113 | -0.273 | -0.088 | -0.104 |
| 1942.00 | -0.127 | -0.133 | -0.113 | -0.273 | -0.088 | -0.104 |
| 1944.00 | -0.133 | -0.133 | -0.113 | -0.273 | -0.088 | -0.104 |
| 1946.00 | -0.127 | -0.133 | -0.123 | -0.273 | -0.094 | -0.104 |
| 1948.00 | -0.127 | -0.133 | -0.123 | -0.273 | -0.094 | -0.104 |
| 1950.00 | -0.133 | -0.133 | -0.123 | -0.273 | -0.094 | -0.104 |
| 1952.00 | -0.133 | -0.133 | -0.123 | -0.273 | -0.094 | -0.104 |
| 1954.00 | -0.133 | -0.133 | -0.123 | -0.273 | -0.094 | -0.104 |
| 1956.00 | -0.133 | -0.133 | -0.123 | -0.273 | -0.094 | -0.104 |
| 1958.00 | -0.133 | -0.133 | -0.123 | -0.279 | -0.094 | -0.104 |
| 1960.00 | -0.133 | -0.133 | -0.123 | -0.273 | -0.094 | -0.104 |
| 1962.00 | -0.133 | -0.133 | -0.123 | -0.273 | -0.094 | -0.114 |
| 1964.00 | -0.133 | -0.133 | -0.123 | -0.273 | -0.094 | -0.114 |
| 1966.00 | -0.133 | -0.133 | -0.123 | -0.279 | -0.094 | -0.114 |
| 1968.00 | -0.133 | -0.142 | -0.123 | -0.279 | -0.094 | -0.114 |
| 1970.00 | -0.140 | -0.133 | -0.123 | -0.279 | -0.094 | -0.114 |
| 1972.00 | -0.140 | -0.142 | -0.132 | -0.286 | -0.101 | -0.114 |
| 1974.00 | -0.140 | -0.142 | -0.123 | -0.279 | -0.094 | -0.114 |
| 1976.00 | -0.140 | -0.142 | -0.132 | -0.286 | -0.101 | -0.114 |
| 1978.00 | -0.140 | -0.142 | -0.132 | -0.286 | -0.101 | -0.114 |
| 1980.00 | -0.140 | -0.142 | -0.132 | -0.286 | -0.101 | -0.114 |
| 1982.00 | -0.140 | -0.142 | -0.132 | -0.292 | -0.101 | -0.114 |
| 1984.00 | -0.140 | -0.142 | -0.132 | -0.292 | -0.101 | -0.114 |
| 1986.00 | -0.140 | -0.142 | -0.132 | -0.292 | -0.101 | -0.114 |
| 1988.00 | -0.140 | -0.142 | -0.132 | -0.292 | -0.101 | -0.114 |
| 1990.00 | -0.146 | -0.142 | -0.132 | -0.298 | -0.101 | -0.114 |
| 1992.00 | -0.146 | -0.142 | -0.132 | -0.298 | -0.101 | -0.114 |
| 1994.00 | -0.146 | -0.142 | -0.142 | -0.298 | -0.107 | -0.123 |
| 1996.00 | -0.146 | -0.152 | -0.132 | -0.298 | -0.107 | -0.123 |
| 1998.00 | -0.146 | -0.142 | -0.142 | -0.298 | -0.107 | -0.123 |



CHM 003 1372

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2000.00 | -0.146 | -0.152 | -0.142 | -0.298 | -0.107 | -0.123 |
| 2002.00 | -0.152 | -0.152 | -0.142 | -0.305 | -0.107 | -0.123 |
| 2004.00 | -0.146 | -0.152 | -0.142 | -0.305 | -0.107 | -0.123 |
| 2006.00 | -0.152 | -0.152 | -0.142 | -0.305 | -0.107 | -0.123 |
| 2008.00 | -0.152 | -0.152 | -0.142 | -0.305 | -0.107 | -0.123 |
| 2010.00 | -0.152 | -0.152 | -0.142 | -0.311 | -0.107 | -0.123 |
| 2012.00 | -0.152 | -0.152 | -0.142 | -0.311 | -0.107 | -0.123 |
| 2014.00 | -0.152 | -0.161 | -0.142 | -0.305 | -0.107 | -0.123 |
| 2016.00 | -0.152 | -0.152 | -0.142 | -0.311 | -0.107 | -0.133 |
| 2018.00 | -0.152 | -0.152 | -0.151 | -0.311 | -0.107 | -0.133 |
| 2020.00 | -0.152 | -0.152 | -0.142 | -0.311 | -0.113 | -0.133 |
| 2022.00 | -0.152 | -0.161 | -0.151 | -0.311 | -0.113 | -0.133 |
| 2024.00 | -0.159 | -0.161 | -0.151 | -0.317 | -0.113 | -0.133 |
| 2026.00 | -0.159 | -0.161 | -0.151 | -0.317 | -0.113 | -0.133 |
| 2028.00 | -0.159 | -0.161 | -0.151 | -0.317 | -0.113 | -0.133 |
| 2030.00 | -0.159 | -0.161 | -0.151 | -0.317 | -0.113 | -0.133 |
| 2032.00 | -0.159 | -0.161 | -0.151 | -0.324 | -0.113 | -0.133 |
| 2034.00 | -0.159 | -0.161 | -0.151 | -0.317 | -0.113 | -0.133 |
| 2036.00 | -0.159 | -0.161 | -0.151 | -0.324 | -0.113 | -0.142 |
| 2038.00 | -0.159 | -0.161 | -0.151 | -0.324 | -0.113 | -0.142 |
| 2040.00 | -0.159 | -0.161 | -0.151 | -0.324 | -0.113 | -0.142 |
| 2042.00 | -0.165 | -0.161 | -0.151 | -0.324 | -0.120 | -0.142 |
| 2044.00 | -0.165 | -0.161 | -0.151 | -0.324 | -0.113 | -0.142 |
| 2046.00 | -0.165 | -0.161 | -0.151 | -0.330 | -0.120 | -0.142 |
| 2048.00 | -0.165 | -0.171 | -0.151 | -0.330 | -0.120 | -0.142 |
| 2050.00 | -0.165 | -0.171 | -0.161 | -0.330 | -0.120 | -0.142 |
| 2052.00 | -0.165 | -0.171 | -0.161 | -0.337 | -0.120 | -0.142 |
| 2054.00 | -0.165 | -0.171 | -0.161 | -0.337 | -0.120 | -0.142 |
| 2056.00 | -0.165 | -0.171 | -0.161 | -0.337 | -0.120 | -0.142 |
| 2058.00 | -0.165 | -0.171 | -0.161 | -0.337 | -0.120 | -0.142 |
| 2060.00 | -0.172 | -0.171 | -0.161 | -0.343 | -0.120 | -0.142 |
| 2062.00 | -0.172 | -0.171 | -0.161 | -0.337 | -0.126 | -0.142 |
| 2064.00 | -0.172 | -0.171 | -0.161 | -0.337 | -0.120 | -0.142 |
| 2066.00 | -0.172 | -0.171 | -0.161 | -0.343 | -0.126 | -0.142 |
| 2068.00 | -0.172 | -0.171 | -0.161 | -0.343 | -0.126 | -0.142 |
| 2070.00 | -0.172 | -0.171 | -0.161 | -0.343 | -0.126 | -0.142 |
| 2072.00 | -0.172 | -0.171 | -0.161 | -0.343 | -0.126 | -0.152 |
| 2074.00 | -0.172 | -0.171 | -0.161 | -0.349 | -0.126 | -0.152 |
| 2076.00 | -0.172 | -0.171 | -0.161 | -0.349 | -0.126 | -0.152 |
| 2078.00 | -0.172 | -0.171 | -0.161 | -0.349 | -0.126 | -0.152 |
| 2080.00 | -0.172 | -0.180 | -0.170 | -0.349 | -0.126 | -0.152 |
| 2082.00 | -0.178 | -0.180 | -0.170 | -0.356 | -0.126 | -0.152 |
| 2084.00 | -0.178 | -0.180 | -0.170 | -0.349 | -0.132 | -0.152 |
| 2086.00 | -0.178 | -0.180 | -0.170 | -0.356 | -0.132 | -0.152 |
| 2088.00 | -0.178 | -0.180 | -0.170 | -0.356 | -0.132 | -0.152 |
| 2090.00 | -0.178 | -0.180 | -0.170 | -0.362 | -0.132 | -0.152 |
| 2092.00 | -0.178 | -0.180 | -0.170 | -0.356 | -0.132 | -0.152 |
| 2094.00 | -0.178 | -0.180 | -0.170 | -0.356 | -0.132 | -0.152 |
| 2096.00 | -0.178 | -0.180 | -0.170 | -0.356 | -0.132 | -0.152 |
| 2098.00 | -0.184 | -0.180 | -0.170 | -0.362 | -0.132 | -0.161 |
| 2100.00 | -0.178 | -0.180 | -0.170 | -0.362 | -0.132 | -0.152 |
| 2102.00 | -0.184 | -0.180 | -0.170 | -0.362 | -0.132 | -0.161 |
| 2104.00 | -0.178 | -0.180 | -0.170 | -0.362 | -0.132 | -0.152 |
| 2106.00 | -0.178 | -0.180 | -0.170 | -0.368 | -0.139 | -0.161 |



CHM 003 1373

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2108.00 | -0.184 | -0.190 | -0.170 | -0.368 | -0.139 | -0.161 |
| 2110.00 | -0.184 | -0.190 | -0.170 | -0.368 | -0.139 | -0.161 |
| 2112.00 | -0.184 | -0.190 | -0.170 | -0.368 | -0.139 | -0.161 |
| 2114.00 | -0.178 | -0.190 | -0.170 | -0.368 | -0.139 | -0.161 |
| 2116.00 | -0.178 | -0.190 | -0.170 | -0.368 | -0.139 | -0.161 |
| 2118.00 | -0.184 | -0.190 | -0.170 | -0.375 | -0.139 | -0.161 |
| 2120.00 | -0.184 | -0.190 | -0.180 | -0.375 | -0.139 | -0.171 |
| 2122.00 | -0.191 | -0.190 | -0.180 | -0.375 | -0.139 | -0.171 |
| 2124.00 | -0.184 | -0.190 | -0.180 | -0.375 | -0.139 | -0.171 |
| 2126.00 | -0.184 | -0.190 | -0.180 | -0.375 | -0.145 | -0.171 |
| 2128.00 | -0.191 | -0.190 | -0.180 | -0.375 | -0.145 | -0.171 |
| 2130.00 | -0.184 | -0.190 | -0.180 | -0.381 | -0.145 | -0.171 |
| 2132.00 | -0.184 | -0.190 | -0.180 | -0.381 | -0.145 | -0.171 |
| 2134.00 | -0.184 | -0.190 | -0.180 | -0.381 | -0.145 | -0.171 |
| 2136.00 | -0.184 | -0.190 | -0.180 | -0.381 | -0.145 | -0.171 |
| 2138.00 | -0.191 | -0.190 | -0.180 | -0.387 | -0.145 | -0.171 |
| 2140.00 | -0.184 | -0.199 | -0.180 | -0.394 | -0.145 | -0.171 |
| 2142.00 | -0.191 | -0.199 | -0.180 | -0.394 | -0.145 | -0.171 |
| 2144.00 | -0.191 | -0.199 | -0.180 | -0.394 | -0.151 | -0.171 |
| 2146.00 | -0.191 | -0.199 | -0.189 | -0.400 | -0.151 | -0.180 |
| 2148.00 | -0.197 | -0.199 | -0.189 | -0.400 | -0.151 | -0.180 |
| 2150.00 | -0.191 | -0.199 | -0.189 | -0.400 | -0.151 | -0.180 |
| 2152.00 | -0.191 | -0.199 | -0.189 | -0.400 | -0.151 | -0.180 |
| 2154.00 | -0.191 | -0.199 | -0.189 | -0.406 | -0.151 | -0.180 |
| 2156.00 | -0.191 | -0.199 | -0.189 | -0.406 | -0.151 | -0.180 |
| 2158.00 | -0.197 | -0.199 | -0.189 | -0.413 | -0.151 | -0.180 |
| 2160.00 | -0.197 | -0.199 | -0.189 | -0.413 | -0.151 | -0.180 |
| 2162.00 | -0.197 | -0.209 | -0.189 | -0.419 | -0.151 | -0.190 |
| 2164.00 | -0.197 | -0.209 | -0.189 | -0.419 | -0.158 | -0.190 |
| 2166.00 | -0.197 | -0.209 | -0.199 | -0.419 | -0.158 | -0.190 |
| 2168.00 | -0.203 | -0.209 | -0.199 | -0.419 | -0.158 | -0.190 |
| 2170.00 | -0.197 | -0.209 | -0.189 | -0.419 | -0.158 | -0.190 |
| 2172.00 | -0.197 | -0.209 | -0.199 | -0.419 | -0.158 | -0.190 |
| 2174.00 | -0.203 | -0.209 | -0.199 | -0.419 | -0.158 | -0.190 |
| 2176.00 | -0.203 | -0.209 | -0.199 | -0.419 | -0.158 | -0.190 |
| 2178.00 | -0.203 | -0.209 | -0.199 | -0.419 | -0.164 | -0.190 |
| 2180.00 | -0.203 | -0.209 | -0.199 | -0.419 | -0.158 | -0.190 |
| 2182.00 | -0.203 | -0.209 | -0.199 | -0.426 | -0.164 | -0.190 |
| 2184.00 | -0.197 | -0.209 | -0.199 | -0.426 | -0.164 | -0.190 |
| 2186.00 | -0.203 | -0.218 | -0.199 | -0.432 | -0.164 | -0.199 |
| 2188.00 | -0.203 | -0.218 | -0.199 | -0.426 | -0.164 | -0.199 |
| 2190.00 | -0.210 | -0.218 | -0.199 | -0.426 | -0.164 | -0.199 |
| 2192.00 | -0.210 | -0.218 | -0.199 | -0.426 | -0.164 | -0.199 |
| 2194.00 | -0.203 | -0.218 | -0.199 | -0.426 | -0.164 | -0.199 |
| 2196.00 | -0.210 | -0.218 | -0.199 | -0.432 | -0.170 | -0.199 |
| 2198.00 | -0.203 | -0.218 | -0.199 | -0.432 | -0.170 | -0.209 |
| 2200.00 | -0.210 | -0.218 | -0.199 | -0.432 | -0.170 | -0.199 |
| 2202.00 | -0.203 | -0.218 | -0.208 | -0.438 | -0.170 | -0.209 |
| 2204.00 | -0.210 | -0.218 | -0.208 | -0.438 | -0.170 | -0.209 |
| 2206.00 | -0.210 | -0.218 | -0.208 | -0.438 | -0.170 | -0.209 |
| 2208.00 | -0.203 | -0.218 | -0.208 | -0.432 | -0.170 | -0.199 |
| 2210.00 | -0.210 | -0.218 | -0.208 | -0.432 | -0.170 | -0.218 |
| 2212.00 | -0.216 | -0.218 | -0.208 | -0.432 | -0.177 | -0.218 |
| 2214.00 | -0.216 | -0.218 | -0.208 | -0.432 | -0.177 | -0.218 |



CHM 003 1374

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2216.00 | -0.216 | -0.218 | -0.199 | -0.432 | -0.177 | -0.218 |
| 2218.00 | -0.216 | -0.228 | -0.208 | -0.432 | -0.177 | -0.218 |
| 2220.00 | -0.216 | -0.228 | -0.208 | -0.432 | -0.177 | -0.218 |
| 2222.00 | -0.210 | -0.218 | -0.208 | -0.438 | -0.177 | -0.209 |
| 2224.00 | -0.210 | -0.228 | -0.208 | -0.445 | -0.177 | -0.209 |
| 2226.00 | -0.223 | -0.228 | -0.208 | -0.438 | -0.177 | -0.228 |
| 2228.00 | -0.223 | -0.228 | -0.208 | -0.432 | -0.177 | -0.218 |
| 2230.00 | -0.210 | -0.228 | -0.208 | -0.451 | -0.177 | -0.209 |
| 2232.00 | -0.223 | -0.228 | -0.218 | -0.451 | -0.183 | -0.218 |
| 2234.00 | -0.216 | -0.228 | -0.218 | -0.445 | -0.183 | -0.218 |
| 2236.00 | -0.223 | -0.228 | -0.218 | -0.451 | -0.183 | -0.218 |
| 2238.00 | -0.223 | -0.228 | -0.218 | -0.451 | -0.183 | -0.228 |
| 2240.00 | -0.223 | -0.228 | -0.218 | -0.451 | -0.183 | -0.218 |
| 2242.00 | -0.223 | -0.228 | -0.218 | -0.457 | -0.183 | -0.218 |
| 2244.00 | -0.223 | -0.228 | -0.218 | -0.457 | -0.183 | -0.228 |
| 2246.00 | -0.229 | -0.238 | -0.218 | -0.457 | -0.189 | -0.228 |
| 2248.00 | -0.229 | -0.238 | -0.218 | -0.457 | -0.183 | -0.228 |
| 2250.00 | -0.229 | -0.238 | -0.218 | -0.464 | -0.189 | -0.228 |
| 2252.00 | -0.229 | -0.238 | -0.218 | -0.464 | -0.189 | -0.228 |
| 2254.00 | -0.223 | -0.238 | -0.218 | -0.464 | -0.189 | -0.228 |
| 2256.00 | -0.229 | -0.238 | -0.218 | -0.464 | -0.189 | -0.237 |
| 2258.00 | -0.229 | -0.238 | -0.218 | -0.464 | -0.189 | -0.237 |
| 2260.00 | -0.235 | -0.238 | -0.218 | -0.470 | -0.189 | -0.237 |
| 2262.00 | -0.229 | -0.238 | -0.218 | -0.470 | -0.189 | -0.237 |
| 2264.00 | -0.229 | -0.238 | -0.218 | -0.470 | -0.189 | -0.237 |
| 2266.00 | -0.235 | -0.238 | -0.227 | -0.476 | -0.196 | -0.237 |
| 2268.00 | -0.235 | -0.247 | -0.227 | -0.476 | -0.196 | -0.237 |
| 2270.00 | -0.235 | -0.247 | -0.227 | -0.476 | -0.196 | -0.237 |
| 2272.00 | -0.235 | -0.238 | -0.227 | -0.476 | -0.196 | -0.247 |
| 2274.00 | -0.235 | -0.247 | -0.227 | -0.483 | -0.196 | -0.247 |
| 2276.00 | -0.235 | -0.247 | -0.227 | -0.483 | -0.196 | -0.247 |
| 2278.00 | -0.235 | -0.247 | -0.227 | -0.476 | -0.196 | -0.247 |
| 2280.00 | -0.235 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2282.00 | -0.235 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2284.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2286.00 | -0.235 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2288.00 | -0.235 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2290.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2292.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2294.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.202 | -0.247 |
| 2296.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.202 | -0.256 |
| 2298.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.208 | -0.247 |
| 2300.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.208 | -0.247 |
| 2302.00 | -0.242 | -0.247 | -0.227 | -0.483 | -0.208 | -0.247 |
| 2304.00 | -0.242 | -0.247 | -0.237 | -0.483 | -0.208 | -0.247 |
| 2306.00 | -0.248 | -0.247 | -0.227 | -0.483 | -0.208 | -0.256 |
| 2308.00 | -0.242 | -0.257 | -0.227 | -0.489 | -0.208 | -0.256 |
| 2310.00 | -0.248 | -0.257 | -0.237 | -0.489 | -0.208 | -0.256 |
| 2312.00 | -0.242 | -0.257 | -0.237 | -0.489 | -0.208 | -0.256 |
| 2314.00 | -0.248 | -0.257 | -0.227 | -0.483 | -0.208 | -0.256 |
| 2316.00 | -0.248 | -0.257 | -0.237 | -0.483 | -0.208 | -0.256 |
| 2318.00 | -0.248 | -0.257 | -0.237 | -0.483 | -0.215 | -0.256 |
| 2320.00 | -0.248 | -0.257 | -0.237 | -0.483 | -0.215 | -0.256 |
| 2322.00 | -0.248 | -0.257 | -0.237 | -0.489 | -0.215 | -0.256 |



CHM 003 1375

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2324.00 | -0.248 | -0.257 | -0.237 | -0.489 | -0.215 | -0.256 |
| 2326.00 | -0.248 | -0.257 | -0.237 | -0.489 | -0.215 | -0.266 |
| 2328.00 | -0.254 | -0.257 | -0.237 | -0.496 | -0.215 | -0.266 |
| 2330.00 | -0.248 | -0.257 | -0.237 | -0.496 | -0.215 | -0.266 |
| 2332.00 | -0.248 | -0.257 | -0.237 | -0.502 | -0.215 | -0.266 |
| 2334.00 | -0.248 | -0.257 | -0.237 | -0.502 | -0.215 | -0.266 |
| 2336.00 | -0.248 | -0.257 | -0.246 | -0.508 | -0.215 | -0.266 |
| 2338.00 | -0.254 | -0.266 | -0.246 | -0.508 | -0.215 | -0.266 |
| 2340.00 | -0.254 | -0.257 | -0.246 | -0.508 | -0.221 | -0.266 |
| 2342.00 | -0.254 | -0.266 | -0.246 | -0.515 | -0.221 | -0.266 |
| 2344.00 | -0.254 | -0.266 | -0.246 | -0.515 | -0.221 | -0.276 |
| 2346.00 | -0.254 | -0.266 | -0.246 | -0.515 | -0.221 | -0.276 |
| 2348.00 | -0.254 | -0.266 | -0.246 | -0.521 | -0.221 | -0.276 |
| 2350.00 | -0.254 | -0.266 | -0.246 | -0.521 | -0.227 | -0.276 |
| 2352.00 | -0.254 | -0.266 | -0.246 | -0.527 | -0.221 | -0.276 |
| 2354.00 | -0.254 | -0.266 | -0.256 | -0.534 | -0.227 | -0.276 |
| 2356.00 | -0.254 | -0.266 | -0.256 | -0.534 | -0.227 | -0.285 |
| 2358.00 | -0.261 | -0.266 | -0.256 | -0.534 | -0.227 | -0.285 |
| 2360.00 | -0.254 | -0.276 | -0.256 | -0.534 | -0.227 | -0.285 |
| 2362.00 | -0.261 | -0.276 | -0.256 | -0.534 | -0.227 | -0.285 |
| 2364.00 | -0.267 | -0.276 | -0.256 | -0.534 | -0.227 | -0.285 |
| 2366.00 | -0.261 | -0.276 | -0.256 | -0.534 | -0.227 | -0.285 |
| 2368.00 | -0.261 | -0.276 | -0.256 | -0.534 | -0.227 | -0.295 |
| 2370.00 | -0.261 | -0.276 | -0.256 | -0.534 | -0.227 | -0.295 |
| 2372.00 | -0.267 | -0.276 | -0.256 | -0.534 | -0.234 | -0.295 |
| 2374.00 | -0.267 | -0.276 | -0.256 | -0.534 | -0.234 | -0.295 |
| 2376.00 | -0.261 | -0.276 | -0.256 | -0.534 | -0.234 | -0.295 |
| 2378.00 | -0.261 | -0.276 | -0.256 | -0.534 | -0.234 | -0.295 |
| 2380.00 | -0.267 | -0.276 | -0.265 | -0.540 | -0.234 | -0.304 |
| 2382.00 | -0.267 | -0.276 | -0.265 | -0.540 | -0.234 | -0.304 |
| 2384.00 | -0.267 | -0.276 | -0.265 | -0.540 | -0.234 | -0.304 |
| 2386.00 | -0.274 | -0.285 | -0.265 | -0.540 | -0.240 | -0.304 |
| 2388.00 | -0.267 | -0.285 | -0.265 | -0.540 | -0.240 | -0.304 |
| 2390.00 | -0.267 | -0.285 | -0.265 | -0.546 | -0.240 | -0.304 |
| 2392.00 | -0.274 | -0.285 | -0.265 | -0.546 | -0.240 | -0.304 |
| 2394.00 | -0.267 | -0.285 | -0.265 | -0.546 | -0.240 | -0.304 |
| 2396.00 | -0.274 | -0.285 | -0.265 | -0.546 | -0.240 | -0.314 |
| 2398.00 | -0.274 | -0.285 | -0.265 | -0.546 | -0.240 | -0.314 |
| 2400.00 | -0.274 | -0.285 | -0.265 | -0.546 | -0.240 | -0.314 |
| 2402.00 | -0.274 | -0.285 | -0.265 | -0.546 | -0.240 | -0.314 |
| 2404.00 | -0.280 | -0.285 | -0.275 | -0.553 | -0.246 | -0.314 |
| 2406.00 | -0.280 | -0.295 | -0.275 | -0.553 | -0.246 | -0.314 |
| 2408.00 | -0.274 | -0.295 | -0.275 | -0.559 | -0.246 | -0.314 |
| 2410.00 | -0.274 | -0.295 | -0.275 | -0.559 | -0.246 | -0.314 |
| 2412.00 | -0.274 | -0.295 | -0.275 | -0.565 | -0.246 | -0.314 |
| 2414.00 | -0.280 | -0.295 | -0.275 | -0.572 | -0.246 | -0.323 |
| 2416.00 | -0.274 | -0.295 | -0.275 | -0.572 | -0.246 | -0.323 |
| 2418.00 | -0.274 | -0.295 | -0.275 | -0.572 | -0.253 | -0.323 |
| 2420.00 | -0.274 | -0.295 | -0.284 | -0.572 | -0.253 | -0.323 |
| 2422.00 | -0.280 | -0.304 | -0.284 | -0.578 | -0.253 | -0.333 |
| 2424.00 | -0.286 | -0.304 | -0.284 | -0.578 | -0.253 | -0.333 |
| 2426.00 | -0.293 | -0.304 | -0.284 | -0.578 | -0.253 | -0.342 |
| 2428.00 | -0.280 | -0.304 | -0.284 | -0.578 | -0.253 | -0.342 |
| 2430.00 | -0.286 | -0.304 | -0.284 | -0.578 | -0.253 | -0.342 |



CHM 003 1376

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2432.00 | -0.286 | -0.304 | -0.284 | -0.578 | -0.259 | -0.342 |
| 2434.00 | -0.286 | -0.304 | -0.284 | -0.585 | -0.259 | -0.352 |
| 2436.00 | -0.293 | -0.304 | -0.294 | -0.585 | -0.259 | -0.352 |
| 2438.00 | -0.293 | -0.304 | -0.294 | -0.585 | -0.259 | -0.352 |
| 2440.00 | -0.293 | -0.314 | -0.294 | -0.585 | -0.259 | -0.352 |
| 2442.00 | -0.286 | -0.314 | -0.294 | -0.585 | -0.259 | -0.352 |
| 2444.00 | -0.293 | -0.314 | -0.294 | -0.591 | -0.265 | -0.361 |
| 2446.00 | -0.293 | -0.314 | -0.294 | -0.591 | -0.265 | -0.361 |
| 2448.00 | -0.299 | -0.314 | -0.294 | -0.292 | -0.265 | -0.361 |
| 2450.00 | -0.299 | -0.314 | -0.294 | -0.286 | -0.265 | -0.371 |
| 2452.00 | -0.299 | -0.314 | -0.294 | -0.286 | -0.265 | -0.371 |
| 2454.00 | -0.299 | -0.314 | -0.294 | -0.286 | -0.265 | -0.371 |
| 2456.00 | -0.299 | -0.323 | -0.303 | -0.286 | -0.265 | -0.371 |
| 2458.00 | -0.299 | -0.323 | -0.303 | -0.286 | -0.272 | -0.371 |
| 2460.00 | -0.299 | -0.323 | -0.303 | -0.286 | -0.272 | -0.380 |
| 2462.00 | -0.299 | -0.323 | -0.303 | -0.286 | -0.272 | -0.380 |
| 2464.00 | -0.305 | -0.323 | -0.303 | -0.286 | -0.272 | -0.380 |
| 2466.00 | -0.305 | -0.323 | -0.303 | -0.286 | -0.272 | -0.380 |
| 2468.00 | -0.305 | -0.323 | -0.313 | -0.292 | -0.272 | -0.390 |
| 2470.00 | -0.312 | -0.333 | -0.313 | -0.292 | -0.278 | -0.390 |
| 2472.00 | -0.312 | -0.333 | -0.313 | -0.292 | -0.278 | -0.390 |
| 2474.00 | -0.312 | -0.333 | -0.313 | -0.292 | -0.278 | -0.399 |
| 2476.00 | -0.312 | -0.333 | -0.313 | -0.292 | -0.278 | -0.399 |
| 2478.00 | -0.318 | -0.333 | -0.322 | -0.292 | -0.278 | -0.399 |
| 2480.00 | -0.312 | -0.333 | -0.322 | -0.298 | -0.278 | -0.399 |
| 2482.00 | -0.318 | -0.342 | -0.322 | -0.298 | -0.284 | -0.409 |
| 2484.00 | -0.318 | -0.342 | -0.322 | -0.298 | -0.284 | -0.409 |
| 2486.00 | -0.325 | -0.342 | -0.322 | -0.298 | -0.284 | -0.418 |
| 2488.00 | -0.325 | -0.342 | -0.322 | -0.298 | -0.284 | -0.418 |
| 2490.00 | -0.325 | -0.342 | -0.322 | -0.305 | -0.284 | -0.418 |
| 2492.00 | -0.325 | -0.342 | -0.332 | -0.305 | -0.291 | -0.428 |
| 2494.00 | -0.325 | -0.342 | -0.322 | -0.305 | -0.291 | -0.428 |
| 2496.00 | -0.325 | -0.352 | -0.332 | -0.305 | -0.291 | -0.437 |
| 2498.00 | -0.331 | -0.352 | -0.332 | -0.305 | -0.291 | -0.437 |
| 2500.00 | -0.331 | -0.352 | -0.332 | -0.305 | -0.291 | -0.437 |
| 2502.00 | -0.331 | -0.352 | -0.332 | -0.311 | -0.291 | -0.437 |
| 2504.00 | -0.331 | -0.352 | -0.332 | -0.311 | -0.297 | -0.447 |
| 2506.00 | -0.337 | -0.352 | -0.332 | -0.311 | -0.297 | -0.447 |
| 2508.00 | -0.337 | -0.352 | -0.332 | -0.311 | -0.297 | -0.447 |
| 2510.00 | -0.337 | -0.352 | -0.341 | -0.311 | -0.297 | -0.456 |
| 2512.00 | -0.337 | -0.361 | -0.341 | -0.311 | -0.297 | -0.456 |
| 2514.00 | -0.344 | -0.361 | -0.341 | -0.317 | -0.303 | -0.456 |
| 2516.00 | -0.344 | -0.361 | -0.341 | -0.317 | -0.303 | -0.466 |
| 2518.00 | -0.344 | -0.361 | -0.341 | -0.317 | -0.303 | -0.466 |
| 2520.00 | -0.344 | -0.361 | -0.341 | -0.317 | -0.303 | -0.466 |
| 2522.00 | -0.344 | -0.361 | -0.341 | -0.317 | -0.303 | -0.466 |
| 2524.00 | -0.337 | -0.361 | -0.351 | -0.317 | -0.310 | -0.466 |
| 2526.00 | -0.344 | -0.371 | -0.351 | -0.324 | -0.310 | -0.475 |
| 2528.00 | -0.350 | -0.371 | -0.351 | -0.324 | -0.310 | -0.475 |
| 2530.00 | -0.350 | -0.371 | -0.360 | -0.324 | -0.310 | -0.485 |
| 2532.00 | -0.350 | -0.371 | -0.360 | -0.324 | -0.310 | -0.485 |
| 2534.00 | -0.356 | -0.380 | -0.360 | -0.330 | -0.310 | -0.494 |
| 2536.00 | -0.356 | -0.380 | -0.360 | -0.330 | -0.316 | -0.504 |
| 2538.00 | -0.356 | -0.380 | -0.370 | -0.330 | -0.316 | -0.514 |



CHM 003 1377

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2540.00 | -0.356 | -0.380 | -0.370 | -0.330 | -0.316 | -0.514 |
| 2542.00 | -0.356 | -0.390 | -0.370 | -0.337 | -0.322 | -0.523 |
| 2544.00 | -0.363 | -0.390 | -0.370 | -0.337 | -0.322 | -0.533 |
| 2546.00 | -0.369 | -0.390 | -0.379 | -0.337 | -0.322 | -0.542 |
| 2548.00 | -0.356 | -0.390 | -0.379 | -0.337 | -0.322 | -0.542 |
| 2550.00 | -0.363 | -0.390 | -0.379 | -0.343 | -0.322 | -0.552 |
| 2552.00 | -0.369 | -0.399 | -0.379 | -0.343 | -0.329 | -0.571 |
| 2554.00 | -0.369 | -0.399 | -0.379 | -0.343 | -0.329 | -0.571 |
| 2556.00 | -0.376 | -0.399 | -0.379 | -0.343 | -0.329 | -0.580 |
| 2558.00 | -0.376 | -0.399 | -0.379 | -0.343 | -0.329 | -0.590 |
| 2560.00 | -0.376 | -0.399 | -0.379 | -0.349 | -0.335 | -0.599 |
| 2562.00 | -0.376 | -0.399 | -0.379 | -0.349 | -0.335 | -0.609 |
| 2564.00 | -0.376 | -0.409 | -0.379 | -0.349 | -0.335 | -0.618 |
| 2566.00 | -0.382 | -0.399 | -0.389 | -0.356 | -0.335 | -0.628 |
| 2568.00 | -0.382 | -0.409 | -0.389 | -0.356 | -0.335 | -0.637 |
| 2570.00 | -0.382 | -0.409 | -0.389 | -0.356 | -0.341 | -0.647 |
| 2572.00 | -0.382 | -0.409 | -0.389 | -0.356 | -0.341 | -0.647 |
| 2574.00 | -0.388 | -0.409 | -0.389 | -0.356 | -0.341 | -0.656 |
| 2576.00 | -0.388 | -0.409 | -0.389 | -0.356 | -0.348 | -0.666 |
| 2578.00 | -0.388 | -0.418 | -0.389 | -0.362 | -0.348 | -0.675 |
| 2580.00 | -0.388 | -0.418 | -0.389 | -0.362 | -0.348 | -0.685 |
| 2582.00 | -0.388 | -0.418 | -0.398 | -0.362 | -0.348 | -0.694 |
| 2584.00 | -0.388 | -0.418 | -0.398 | -0.362 | -0.348 | -0.704 |
| 2586.00 | -0.388 | -0.418 | -0.398 | -0.362 | -0.354 | -0.713 |
| 2588.00 | -0.388 | -0.418 | -0.398 | -0.368 | -0.354 | -0.723 |
| 2590.00 | -0.388 | -0.418 | -0.398 | -0.368 | -0.354 | -0.732 |
| 2592.00 | -0.388 | -0.418 | -0.398 | -0.368 | -0.354 | -0.742 |
| 2594.00 | -0.395 | -0.428 | -0.398 | -0.375 | -0.360 | -0.751 |
| 2596.00 | -0.401 | -0.428 | -0.408 | -0.375 | -0.360 | -0.761 |
| 2598.00 | -0.401 | -0.428 | -0.408 | -0.375 | -0.360 | -0.771 |
| 2600.00 | -0.407 | -0.428 | -0.408 | -0.375 | -0.367 | -0.780 |
| 2602.00 | -0.401 | -0.428 | -0.408 | -0.375 | -0.367 | -0.790 |
| 2604.00 | -0.401 | -0.428 | -0.408 | -0.381 | -0.367 | -0.799 |
| 2606.00 | -0.407 | -0.428 | -0.408 | -0.381 | -0.367 | -0.809 |
| 2608.00 | -0.407 | -0.437 | -0.408 | -0.381 | -0.373 | -0.818 |
| 2610.00 | -0.407 | -0.437 | -0.417 | -0.381 | -0.373 | -0.828 |
| 2612.00 | -0.414 | -0.437 | -0.417 | -0.387 | -0.373 | -0.837 |
| 2614.00 | -0.414 | -0.437 | -0.417 | -0.387 | -0.379 | -0.856 |
| 2616.00 | -0.414 | -0.437 | -0.417 | -0.387 | -0.379 | -0.866 |
| 2618.00 | -0.414 | -0.437 | -0.417 | -0.387 | -0.379 | -0.875 |
| 2620.00 | -0.414 | -0.437 | -0.417 | -0.394 | -0.379 | -0.885 |
| 2622.00 | -0.420 | -0.447 | -0.417 | -0.394 | -0.386 | -0.894 |
| 2624.00 | -0.420 | -0.447 | -0.417 | -0.394 | -0.386 | -0.904 |
| 2626.00 | -0.420 | -0.447 | -0.417 | -0.394 | -0.386 | -0.913 |
| 2628.00 | -0.420 | -0.447 | -0.417 | -0.400 | -0.392 | -0.923 |
| 2630.00 | -0.426 | -0.447 | -0.417 | -0.400 | -0.392 | -0.932 |
| 2632.00 | -0.420 | -0.447 | -0.427 | -0.400 | -0.392 | -0.942 |
| 2634.00 | -0.420 | -0.447 | -0.427 | -0.400 | -0.398 | -0.951 |
| 2636.00 | -0.426 | -0.456 | -0.436 | -0.406 | -0.398 | -0.961 |
| 2638.00 | -0.433 | -0.456 | -0.436 | -0.406 | -0.398 | -0.980 |
| 2640.00 | -0.439 | -0.456 | -0.436 | -0.406 | -0.398 | -0.989 |
| 2642.00 | -0.439 | -0.456 | -0.436 | -0.406 | -0.405 | -0.999 |
| 2644.00 | -0.439 | -0.456 | -0.427 | -0.406 | -0.405 | -1.009 |
| 2646.00 | -0.439 | -0.456 | -0.427 | -0.413 | -0.405 | -1.018 |



CHM 003 1378

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2648.00 | -0.439 | -0.456 | -0.436 | -0.413 | -0.411 | -1.028 |
| 2650.00 | -0.439 | -0.456 | -0.436 | -0.413 | -0.411 | -1.028 |
| 2652.00 | -0.433 | -0.456 | -0.436 | -0.413 | -0.411 | -1.037 |
| 2654.00 | -0.433 | -0.466 | -0.436 | -0.419 | -0.417 | -1.047 |
| 2656.00 | -0.439 | -0.466 | -0.436 | -0.419 | -0.417 | -1.056 |
| 2658.00 | -0.439 | -0.466 | -0.446 | -0.419 | -0.417 | -1.056 |
| 2660.00 | -0.446 | -0.466 | -0.446 | -0.419 | -0.424 | -1.075 |
| 2662.00 | -0.446 | -0.466 | -0.436 | -0.426 | -0.424 | -1.085 |
| 2664.00 | -0.452 | -0.466 | -0.436 | -0.426 | -0.424 | -1.085 |
| 2666.00 | -0.446 | -0.466 | -0.436 | -0.426 | -0.424 | -1.094 |
| 2668.00 | -0.446 | -0.466 | -0.436 | -0.426 | -0.430 | -1.094 |
| 2670.00 | -0.446 | -0.466 | -0.436 | -0.426 | -0.430 | -1.104 |
| 2672.00 | -0.446 | -0.476 | -0.436 | -0.426 | -0.430 | -1.104 |
| 2674.00 | -0.446 | -0.476 | -0.446 | -0.432 | -0.436 | -1.113 |
| 2676.00 | -0.446 | -0.476 | -0.446 | -0.432 | -0.436 | -1.113 |
| 2678.00 | -0.446 | -0.476 | -0.446 | -0.432 | -0.436 | -1.123 |
| 2680.00 | -0.452 | -0.476 | -0.455 | -0.438 | -0.443 | -1.123 |
| 2682.00 | -0.452 | -0.476 | -0.455 | -0.432 | -0.443 | -1.132 |
| 2684.00 | -0.452 | -0.476 | -0.455 | -0.438 | -0.443 | -1.142 |
| 2686.00 | -0.458 | -0.485 | -0.455 | -0.438 | -0.449 | -1.142 |
| 2688.00 | -0.458 | -0.485 | -0.455 | -0.438 | -0.449 | -1.151 |
| 2690.00 | -0.458 | -0.485 | -0.465 | -0.445 | -0.449 | -1.151 |
| 2692.00 | -0.458 | -0.485 | -0.465 | -0.445 | -0.449 | -1.161 |
| 2694.00 | -0.458 | -0.485 | -0.465 | -0.445 | -0.455 | -1.161 |
| 2696.00 | -0.465 | -0.485 | -0.465 | -0.445 | -0.455 | -1.170 |
| 2698.00 | -0.465 | -0.495 | -0.465 | -0.445 | -0.462 | -1.170 |
| 2700.00 | -0.465 | -0.485 | -0.465 | -0.451 | -0.462 | -1.180 |
| 2702.00 | -0.465 | -0.495 | -0.465 | -0.451 | -0.462 | -1.180 |
| 2704.00 | -0.471 | -0.495 | -0.474 | -0.451 | -0.468 | -1.189 |
| 2706.00 | -0.471 | -0.495 | -0.465 | -0.451 | -0.468 | -1.199 |
| 2708.00 | -0.471 | -0.495 | -0.474 | -0.457 | -0.468 | -1.199 |
| 2710.00 | -0.471 | -0.495 | -0.474 | -0.457 | -0.468 | -1.199 |
| 2712.00 | -0.471 | -0.495 | -0.474 | -0.457 | -0.474 | -1.199 |
| 2714.00 | -0.471 | -0.504 | -0.484 | -0.457 | -0.474 | -1.199 |
| 2716.00 | -0.477 | -0.504 | -0.484 | -0.464 | -0.481 | -1.208 |
| 2718.00 | -0.477 | -0.504 | -0.484 | -0.464 | -0.481 | -1.208 |
| 2720.00 | -0.484 | -0.504 | -0.484 | -0.464 | -0.481 | -1.218 |
| 2722.00 | -0.490 | -0.504 | -0.484 | -0.470 | -0.481 | -1.218 |
| 2724.00 | -0.484 | -0.504 | -0.484 | -0.470 | -0.487 | -1.228 |
| 2726.00 | -0.490 | -0.514 | -0.484 | -0.470 | -0.487 | -1.228 |
| 2728.00 | -0.490 | -0.514 | -0.484 | -0.470 | -0.493 | -1.228 |
| 2730.00 | -0.490 | -0.514 | -0.484 | -0.470 | -0.493 | -1.228 |
| 2732.00 | -0.490 | -0.514 | -0.484 | -0.470 | -0.493 | -1.237 |
| 2734.00 | -0.484 | -0.514 | -0.484 | -0.476 | -0.493 | -1.237 |
| 2736.00 | -0.490 | -0.514 | -0.484 | -0.476 | -0.500 | -1.237 |
| 2738.00 | -0.497 | -0.514 | -0.493 | -0.476 | -0.500 | -1.237 |
| 2740.00 | -0.497 | -0.523 | -0.493 | -0.476 | -0.500 | -1.237 |
| 2742.00 | -0.497 | -0.523 | -0.493 | -0.483 | -0.506 | -1.247 |
| 2744.00 | -0.497 | -0.523 | -0.493 | -0.483 | -0.506 | -1.247 |
| 2746.00 | -0.503 | -0.523 | -0.493 | -0.483 | -0.506 | -1.247 |
| 2748.00 | -0.497 | -0.523 | -0.503 | -0.483 | -0.512 | -1.247 |
| 2750.00 | -0.503 | -0.523 | -0.503 | -0.483 | -0.512 | -1.247 |
| 2752.00 | -0.497 | -0.523 | -0.503 | -0.489 | -0.512 | -1.256 |
| 2754.00 | -0.503 | -0.533 | -0.503 | -0.489 | -0.519 | -1.256 |



CHM 003 1379

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2756.00 | -0.503 | -0.533 | -0.512 | -0.489 | -0.519 | -1.256 |
| 2758.00 | -0.509 | -0.533 | -0.512 | -0.496 | -0.519 | -1.256 |
| 2760.00 | -0.509 | -0.533 | -0.512 | -0.496 | -0.519 | -1.266 |
| 2762.00 | -0.516 | -0.533 | -0.512 | -0.496 | -0.525 | -1.266 |
| 2764.00 | -0.516 | -0.542 | -0.512 | -0.496 | -0.525 | -1.266 |
| 2766.00 | -0.516 | -0.542 | -0.512 | -0.502 | -0.525 | -1.266 |
| 2768.00 | -0.516 | -0.542 | -0.512 | -0.502 | -0.531 | -1.266 |
| 2770.00 | -0.516 | -0.542 | -0.512 | -0.502 | -0.531 | -1.275 |
| 2772.00 | -0.522 | -0.542 | -0.512 | -0.502 | -0.538 | -1.275 |
| 2774.00 | -0.522 | -0.542 | -0.522 | -0.502 | -0.538 | -1.275 |
| 2776.00 | -0.528 | -0.542 | -0.512 | -0.508 | -0.538 | -1.275 |
| 2778.00 | -0.522 | -0.542 | -0.522 | -0.508 | -0.538 | -1.275 |
| 2780.00 | -0.522 | -0.552 | -0.522 | -0.508 | -0.538 | -1.275 |
| 2782.00 | -0.522 | -0.552 | -0.522 | -0.508 | -0.544 | -1.275 |
| 2784.00 | -0.528 | -0.552 | -0.522 | -0.515 | -0.544 | -1.285 |
| 2786.00 | -0.528 | -0.552 | -0.522 | -0.515 | -0.544 | -1.285 |
| 2788.00 | -0.528 | -0.552 | -0.522 | -0.515 | -0.544 | -1.285 |
| 2790.00 | -0.528 | -0.552 | -0.522 | -0.515 | -0.550 | -1.285 |
| 2792.00 | -0.528 | -0.552 | -0.522 | -0.515 | -0.550 | -1.285 |
| 2794.00 | -0.535 | -0.561 | -0.522 | -0.521 | -0.550 | -1.285 |
| 2796.00 | -0.528 | -0.552 | -0.531 | -0.521 | -0.557 | -1.285 |
| 2798.00 | -0.535 | -0.561 | -0.531 | -0.521 | -0.557 | -1.294 |
| 2800.00 | -0.528 | -0.561 | -0.531 | -0.521 | -0.557 | -1.285 |
| 2802.00 | -0.535 | -0.561 | -0.531 | -0.521 | -0.557 | -1.285 |
| 2804.00 | -0.528 | -0.561 | -0.531 | -0.527 | -0.563 | -1.285 |
| 2806.00 | -0.541 | -0.571 | -0.541 | -0.527 | -0.563 | -1.294 |
| 2808.00 | -0.541 | -0.561 | -0.541 | -0.534 | -0.569 | -1.294 |
| 2810.00 | -0.548 | -0.561 | -0.541 | -0.534 | -0.563 | -1.304 |
| 2812.00 | -0.548 | -0.561 | -0.541 | -0.534 | -0.569 | -1.304 |
| 2814.00 | -0.554 | -0.571 | -0.541 | -0.534 | -0.576 | -1.304 |
| 2816.00 | -0.554 | -0.571 | -0.541 | -0.534 | -0.569 | -1.304 |
| 2818.00 | -0.548 | -0.571 | -0.541 | -0.534 | -0.576 | -1.304 |
| 2820.00 | -0.541 | -0.571 | -0.541 | -0.534 | -0.576 | -1.294 |
| 2822.00 | -0.548 | -0.571 | -0.541 | -0.540 | -0.576 | -1.304 |
| 2824.00 | -0.548 | -0.571 | -0.541 | -0.540 | -0.576 | -1.304 |
| 2826.00 | -0.554 | -0.571 | -0.541 | -0.540 | -0.582 | -1.304 |
| 2828.00 | -0.554 | -0.571 | -0.550 | -0.540 | -0.582 | -1.304 |
| 2830.00 | -0.554 | -0.580 | -0.550 | -0.546 | -0.582 | -1.304 |
| 2832.00 | -0.560 | -0.580 | -0.550 | -0.546 | -0.588 | -1.304 |
| 2834.00 | -0.554 | -0.580 | -0.541 | -0.546 | -0.588 | -1.304 |
| 2836.00 | -0.554 | -0.580 | -0.550 | -0.553 | -0.588 | -1.304 |
| 2838.00 | -0.554 | -0.580 | -0.550 | -0.546 | -0.588 | -1.304 |
| 2840.00 | -0.560 | -0.580 | -0.550 | -0.546 | -0.588 | -1.304 |
| 2842.00 | -0.560 | -0.580 | -0.550 | -0.553 | -0.588 | -1.313 |
| 2844.00 | -0.560 | -0.580 | -0.550 | -0.553 | -0.595 | -1.304 |
| 2846.00 | -0.560 | -0.590 | -0.550 | -0.553 | -0.595 | -1.313 |
| 2848.00 | -0.567 | -0.590 | -0.550 | -0.553 | -0.595 | -1.313 |
| 2850.00 | -0.567 | -0.590 | -0.550 | -0.559 | -0.601 | -1.313 |
| 2852.00 | -0.567 | -0.590 | -0.550 | -0.559 | -0.601 | -1.313 |
| 2854.00 | -0.567 | -0.580 | -0.550 | -0.559 | -0.601 | -1.313 |
| 2856.00 | -0.567 | -0.590 | -0.560 | -0.559 | -0.601 | -1.313 |
| 2858.00 | -0.567 | -0.590 | -0.560 | -0.559 | -0.601 | -1.313 |
| 2860.00 | -0.567 | -0.590 | -0.560 | -0.559 | -0.607 | -1.313 |
| 2862.00 | -0.567 | -0.590 | -0.560 | -0.565 | -0.607 | -1.313 |



CHM 003 1380

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2864.00 | -0.567 | -0.590 | -0.560 | -0.565 | -0.607 | -1.313 |
| 2866.00 | -0.567 | -0.590 | -0.560 | -0.565 | -0.607 | -1.313 |
| 2868.00 | -0.573 | -0.590 | -0.560 | -0.572 | -0.607 | -1.323 |
| 2870.00 | -0.573 | -0.590 | -0.560 | -0.565 | -0.607 | -1.313 |
| 2872.00 | -0.573 | -0.599 | -0.569 | -0.572 | -0.614 | -1.313 |
| 2874.00 | -0.573 | -0.599 | -0.569 | -0.565 | -0.620 | -1.313 |
| 2876.00 | -0.573 | -0.599 | -0.569 | -0.572 | -0.620 | -1.313 |
| 2878.00 | -0.573 | -0.599 | -0.569 | -0.572 | -0.620 | -1.323 |
| 2880.00 | -0.573 | -0.599 | -0.569 | -0.578 | -0.620 | -1.313 |
| 2882.00 | -0.579 | -0.599 | -0.569 | -0.578 | -0.620 | -1.313 |
| 2884.00 | -0.579 | -0.599 | -0.569 | -0.578 | -0.620 | -1.323 |
| 2886.00 | -0.579 | -0.599 | -0.579 | -0.578 | -0.620 | -1.323 |
| 2888.00 | -0.579 | -0.599 | -0.569 | -0.578 | -0.620 | -1.323 |
| 2890.00 | -0.586 | -0.609 | -0.579 | -0.585 | -0.626 | -1.323 |
| 2892.00 | -0.586 | -0.599 | -0.569 | -0.578 | -0.620 | -1.323 |
| 2894.00 | -0.586 | -0.609 | -0.579 | -0.578 | -0.626 | -1.323 |
| 2896.00 | -0.592 | -0.609 | -0.579 | -0.585 | -0.633 | -1.323 |
| 2898.00 | -0.592 | -0.609 | -0.579 | -0.585 | -0.633 | -1.323 |
| 2900.00 | -0.592 | -0.609 | -0.579 | -0.585 | -0.633 | -1.323 |
| 2902.00 | -0.592 | -0.609 | -0.579 | -0.585 | -0.633 | -1.323 |
| 2904.00 | -0.592 | -0.618 | -0.588 | -0.591 | -0.633 | -1.323 |
| 2906.00 | -0.586 | -0.609 | -0.588 | -0.585 | -0.639 | -1.313 |
| 2908.00 | -0.586 | -0.618 | -0.588 | -0.591 | -0.639 | -1.313 |
| 2910.00 | -0.592 | -0.618 | -0.588 | -0.591 | -0.645 | -1.313 |
| 2912.00 | -0.592 | -0.618 | -0.588 | -0.591 | -0.639 | -1.313 |
| 2914.00 | -0.592 | -0.618 | -0.588 | -0.591 | -0.645 | -1.323 |
| 2916.00 | -0.599 | -0.618 | -0.588 | -0.597 | -0.645 | -1.323 |
| 2918.00 | -0.599 | -0.618 | -0.598 | -0.597 | -0.645 | -1.323 |
| 2920.00 | -0.611 | -0.628 | -0.598 | -0.604 | -0.645 | -1.332 |
| 2922.00 | -0.605 | -0.628 | -0.588 | -0.597 | -0.645 | -1.323 |
| 2924.00 | -0.605 | -0.618 | -0.588 | -0.597 | -0.645 | -1.323 |
| 2926.00 | -0.599 | -0.628 | -0.598 | -0.604 | -0.652 | -1.323 |
| 2928.00 | -0.605 | -0.628 | -0.598 | -0.604 | -0.652 | -1.323 |
| 2930.00 | -0.611 | -0.628 | -0.598 | -0.604 | -0.652 | -1.332 |
| 2932.00 | -0.611 | -0.628 | -0.598 | -0.604 | -0.652 | -1.332 |
| 2934.00 | -0.605 | -0.628 | -0.598 | -0.604 | -0.658 | -1.323 |
| 2936.00 | -0.599 | -0.628 | -0.598 | -0.604 | -0.658 | -1.323 |
| 2938.00 | -0.599 | -0.628 | -0.598 | -0.610 | -0.658 | -1.323 |
| 2940.00 | -0.605 | -0.628 | -0.607 | -0.610 | -0.658 | -1.332 |
| 2942.00 | -0.611 | -0.637 | -0.617 | -0.610 | -0.664 | -1.332 |
| 2944.00 | -0.624 | -0.637 | -0.607 | -0.610 | -0.664 | -1.342 |
| 2946.00 | -0.624 | -0.637 | -0.607 | -0.610 | -0.664 | -1.342 |
| 2948.00 | -0.618 | -0.637 | -0.607 | -0.610 | -0.664 | -1.342 |
| 2950.00 | -0.618 | -0.637 | -0.598 | -0.616 | -0.664 | -1.342 |
| 2952.00 | -0.618 | -0.637 | -0.607 | -0.616 | -0.671 | -1.342 |
| 2954.00 | -0.618 | -0.637 | -0.607 | -0.616 | -0.671 | -1.342 |
| 2956.00 | -0.624 | -0.637 | -0.607 | -0.616 | -0.671 | -1.351 |
| 2958.00 | -0.618 | -0.637 | -0.607 | -0.616 | -0.671 | -1.342 |
| 2960.00 | -0.618 | -0.637 | -0.607 | -0.616 | -0.671 | -1.342 |
| 2962.00 | -0.618 | -0.637 | -0.607 | -0.623 | -0.671 | -1.342 |
| 2964.00 | -0.618 | -0.637 | -0.607 | -0.616 | -0.671 | -1.342 |
| 2966.00 | -0.618 | -0.647 | -0.607 | -0.623 | -0.677 | -1.342 |
| 2968.00 | -0.618 | -0.647 | -0.617 | -0.623 | -0.677 | -1.342 |
| 2970.00 | -0.624 | -0.647 | -0.617 | -0.623 | -0.677 | -1.351 |



CHM 003 1381

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 2972.00 | -0.624 | -0.647 | -0.617 | -0.629 | -0.677 | -1.351 |
| 2974.00 | -0.624 | -0.647 | -0.617 | -0.629 | -0.683 | -1.351 |
| 2976.00 | -0.624 | -0.647 | -0.617 | -0.629 | -0.683 | -1.351 |
| 2978.00 | -0.624 | -0.647 | -0.617 | -0.629 | -0.677 | -1.351 |
| 2980.00 | -0.630 | -0.647 | -0.607 | -0.629 | -0.683 | -1.351 |
| 2982.00 | -0.630 | -0.647 | -0.617 | -0.629 | -0.683 | -1.351 |
| 2984.00 | -0.630 | -0.647 | -0.617 | -0.629 | -0.683 | -1.351 |
| 2986.00 | -0.630 | -0.647 | -0.617 | -0.629 | -0.683 | -1.351 |
| 2988.00 | -0.637 | -0.656 | -0.617 | -0.629 | -0.690 | -1.351 |
| 2990.00 | -0.630 | -0.656 | -0.617 | -0.635 | -0.690 | -1.351 |
| 2992.00 | -0.637 | -0.656 | -0.617 | -0.635 | -0.690 | -1.351 |
| 2994.00 | -0.637 | -0.656 | -0.617 | -0.635 | -0.690 | -1.351 |
| 2996.00 | -0.637 | -0.656 | -0.617 | -0.635 | -0.690 | -1.351 |
| 2998.00 | -0.637 | -0.656 | -0.617 | -0.635 | -0.690 | -1.351 |
| 3000.00 | -0.637 | -0.656 | -0.626 | -0.635 | -0.696 | -1.351 |
| 3002.00 | -0.643 | -0.656 | -0.626 | -0.635 | -0.696 | -1.361 |
| 3004.00 | -0.643 | -0.656 | -0.626 | -0.635 | -0.696 | -1.351 |
| 3006.00 | -0.637 | -0.656 | -0.626 | -0.642 | -0.696 | -1.351 |
| 3008.00 | -0.643 | -0.656 | -0.626 | -0.642 | -0.696 | -1.351 |
| 3010.00 | -0.637 | -0.656 | -0.626 | -0.648 | -0.696 | -1.351 |
| 3012.00 | -0.637 | -0.666 | -0.626 | -0.648 | -0.702 | -1.351 |
| 3014.00 | -0.637 | -0.656 | -0.626 | -0.648 | -0.696 | -1.351 |
| 3016.00 | -0.643 | -0.656 | -0.626 | -0.642 | -0.702 | -1.351 |
| 3018.00 | -0.637 | -0.666 | -0.626 | -0.648 | -0.702 | -1.351 |
| 3020.00 | -0.637 | -0.666 | -0.636 | -0.648 | -0.702 | -1.351 |
| 3022.00 | -0.637 | -0.666 | -0.636 | -0.654 | -0.709 | -1.351 |
| 3024.00 | -0.643 | -0.666 | -0.636 | -0.648 | -0.709 | -1.361 |
| 3026.00 | -0.643 | -0.666 | -0.626 | -0.648 | -0.702 | -1.361 |
| 3028.00 | -0.650 | -0.666 | -0.636 | -0.648 | -0.709 | -1.361 |
| 3030.00 | -0.650 | -0.666 | -0.636 | -0.654 | -0.709 | -1.361 |
| 3032.00 | -0.650 | -0.666 | -0.645 | -0.654 | -0.715 | -1.351 |
| 3034.00 | -0.656 | -0.666 | -0.636 | -0.654 | -0.709 | -1.361 |
| 3036.00 | -0.656 | -0.666 | -0.636 | -0.654 | -0.715 | -1.361 |
| 3038.00 | -0.656 | -0.675 | -0.645 | -0.654 | -0.721 | -1.361 |
| 3040.00 | -0.656 | -0.675 | -0.645 | -0.654 | -0.715 | -1.361 |
| 3042.00 | -0.656 | -0.675 | -0.645 | -0.654 | -0.721 | -1.361 |
| 3044.00 | -0.662 | -0.675 | -0.645 | -0.661 | -0.721 | -1.361 |
| 3046.00 | -0.656 | -0.685 | -0.645 | -0.661 | -0.721 | -1.361 |
| 3048.00 | -0.662 | -0.675 | -0.645 | -0.667 | -0.721 | -1.361 |
| 3050.00 | -0.662 | -0.685 | -0.645 | -0.661 | -0.721 | -1.370 |
| 3052.00 | -0.669 | -0.675 | -0.645 | -0.661 | -0.728 | -1.370 |
| 3054.00 | -0.669 | -0.685 | -0.645 | -0.667 | -0.728 | -1.361 |
| 3056.00 | -0.669 | -0.685 | -0.655 | -0.667 | -0.728 | -1.361 |
| 3058.00 | -0.662 | -0.685 | -0.645 | -0.661 | -0.721 | -1.361 |
| 3060.00 | -0.669 | -0.685 | -0.655 | -0.667 | -0.728 | -1.361 |
| 3062.00 | -0.669 | -0.685 | -0.655 | -0.667 | -0.728 | -1.361 |
| 3064.00 | -0.669 | -0.685 | -0.655 | -0.667 | -0.734 | -1.361 |
| 3066.00 | -0.662 | -0.685 | -0.655 | -0.667 | -0.728 | -1.361 |
| 3068.00 | -0.662 | -0.685 | -0.655 | -0.667 | -0.734 | -1.361 |
| 3070.00 | -0.662 | -0.685 | -0.655 | -0.667 | -0.734 | -1.351 |
| 3072.00 | -0.675 | -0.695 | -0.655 | -0.667 | -0.734 | -1.361 |
| 3074.00 | -0.669 | -0.685 | -0.655 | -0.674 | -0.734 | -1.351 |
| 3076.00 | -0.669 | -0.685 | -0.655 | -0.667 | -0.740 | -1.351 |
| 3078.00 | -0.675 | -0.695 | -0.655 | -0.674 | -0.734 | -1.361 |



CHM 003 1382

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3080.00 | -0.675 | -0.695 | -0.655 | -0.674 | -0.740 | -1.361 |
| 3082.00 | -0.675 | -0.685 | -0.655 | -0.674 | -0.740 | -1.351 |
| 3084.00 | -0.681 | -0.695 | -0.655 | -0.674 | -0.740 | -1.361 |
| 3086.00 | -0.681 | -0.695 | -0.655 | -0.674 | -0.740 | -1.351 |
| 3088.00 | -0.681 | -0.695 | -0.655 | -0.680 | -0.740 | -1.351 |
| 3090.00 | -0.675 | -0.695 | -0.655 | -0.680 | -0.740 | -1.351 |
| 3092.00 | -0.681 | -0.695 | -0.655 | -0.680 | -0.747 | -1.351 |
| 3094.00 | -0.675 | -0.695 | -0.655 | -0.674 | -0.740 | -1.351 |
| 3096.00 | -0.681 | -0.695 | -0.664 | -0.680 | -0.747 | -1.351 |
| 3098.00 | -0.681 | -0.695 | -0.655 | -0.680 | -0.747 | -1.351 |
| 3100.00 | -0.675 | -0.695 | -0.664 | -0.680 | -0.747 | -1.351 |
| 3102.00 | -0.681 | -0.695 | -0.664 | -0.686 | -0.747 | -1.361 |
| 3104.00 | -0.681 | -0.695 | -0.664 | -0.686 | -0.747 | -1.351 |
| 3106.00 | -0.688 | -0.695 | -0.664 | -0.686 | -0.747 | -1.351 |
| 3108.00 | -0.688 | -0.704 | -0.664 | -0.686 | -0.753 | -1.351 |
| 3110.00 | -0.688 | -0.695 | -0.664 | -0.686 | -0.753 | -1.351 |
| 3112.00 | -0.681 | -0.704 | -0.664 | -0.686 | -0.753 | -1.351 |
| 3114.00 | -0.681 | -0.704 | -0.664 | -0.686 | -0.753 | -1.351 |
| 3116.00 | -0.681 | -0.704 | -0.664 | -0.686 | -0.753 | -1.351 |
| 3118.00 | -0.688 | -0.704 | -0.664 | -0.686 | -0.753 | -1.342 |
| 3120.00 | -0.688 | -0.704 | -0.664 | -0.693 | -0.759 | -1.351 |
| 3122.00 | -0.688 | -0.704 | -0.664 | -0.686 | -0.753 | -1.351 |
| 3124.00 | -0.688 | -0.704 | -0.664 | -0.693 | -0.759 | -1.342 |
| 3126.00 | -0.688 | -0.704 | -0.674 | -0.693 | -0.759 | -1.342 |
| 3128.00 | -0.694 | -0.695 | -0.664 | -0.693 | -0.753 | -1.351 |
| 3130.00 | -0.701 | -0.704 | -0.664 | -0.693 | -0.753 | -1.351 |
| 3132.00 | -0.694 | -0.704 | -0.664 | -0.693 | -0.759 | -1.351 |
| 3134.00 | -0.694 | -0.704 | -0.664 | -0.693 | -0.759 | -1.342 |
| 3136.00 | -0.688 | -0.704 | -0.664 | -0.693 | -0.759 | -1.342 |
| 3138.00 | -0.694 | -0.704 | -0.664 | -0.693 | -0.759 | -1.342 |
| 3140.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.759 | -1.342 |
| 3142.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.759 | -1.342 |
| 3144.00 | -0.694 | -0.704 | -0.664 | -0.693 | -0.759 | -1.342 |
| 3146.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.759 | -1.342 |
| 3148.00 | -0.694 | -0.704 | -0.664 | -0.693 | -0.759 | -1.342 |
| 3150.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.759 | -1.342 |
| 3152.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.759 | -1.332 |
| 3154.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.766 | -1.332 |
| 3156.00 | -0.694 | -0.704 | -0.664 | -0.693 | -0.766 | -1.332 |
| 3158.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.766 | -1.332 |
| 3160.00 | -0.694 | -0.704 | -0.664 | -0.705 | -0.766 | -1.332 |
| 3162.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.766 | -1.332 |
| 3164.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.766 | -1.332 |
| 3166.00 | -0.694 | -0.704 | -0.664 | -0.699 | -0.766 | -1.323 |
| 3168.00 | -0.694 | -0.704 | -0.664 | -0.705 | -0.766 | -1.323 |
| 3170.00 | -0.701 | -0.704 | -0.664 | -0.705 | -0.766 | -1.323 |
| 3172.00 | -0.701 | -0.704 | -0.655 | -0.705 | -0.766 | -1.323 |
| 3174.00 | -0.694 | -0.704 | -0.655 | -0.705 | -0.766 | -1.323 |
| 3176.00 | -0.694 | -0.704 | -0.655 | -0.705 | -0.766 | -1.323 |
| 3178.00 | -0.694 | -0.704 | -0.655 | -0.705 | -0.766 | -1.323 |
| 3180.00 | -0.694 | -0.695 | -0.655 | -0.705 | -0.766 | -1.313 |
| 3182.00 | -0.694 | -0.695 | -0.655 | -0.712 | -0.766 | -1.313 |
| 3184.00 | -0.694 | -0.695 | -0.655 | -0.712 | -0.766 | -1.313 |
| 3186.00 | -0.694 | -0.695 | -0.655 | -0.705 | -0.766 | -1.313 |



CHM 003 1383

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3188.00 | -0.694 | -0.695 | -0.655 | -0.705 | -0.766 | -1.313 |
| 3190.00 | -0.694 | -0.704 | -0.655 | -0.705 | -0.766 | -1.304 |
| 3192.00 | -0.694 | -0.695 | -0.655 | -0.705 | -0.766 | -1.304 |
| 3194.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.304 |
| 3196.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.294 |
| 3198.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.294 |
| 3200.00 | -0.681 | -0.695 | -0.655 | -0.712 | -0.766 | -1.285 |
| 3202.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.294 |
| 3204.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.285 |
| 3206.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.285 |
| 3208.00 | -0.688 | -0.695 | -0.655 | -0.718 | -0.766 | -1.285 |
| 3210.00 | -0.681 | -0.695 | -0.655 | -0.712 | -0.766 | -1.275 |
| 3212.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.275 |
| 3214.00 | -0.688 | -0.695 | -0.655 | -0.718 | -0.766 | -1.275 |
| 3216.00 | -0.688 | -0.695 | -0.655 | -0.718 | -0.766 | -1.275 |
| 3218.00 | -0.688 | -0.695 | -0.655 | -0.718 | -0.766 | -1.266 |
| 3220.00 | -0.681 | -0.695 | -0.655 | -0.718 | -0.766 | -1.266 |
| 3222.00 | -0.688 | -0.695 | -0.655 | -0.718 | -0.766 | -1.275 |
| 3224.00 | -0.688 | -0.695 | -0.655 | -0.718 | -0.766 | -1.266 |
| 3226.00 | -0.688 | -0.695 | -0.655 | -0.712 | -0.766 | -1.266 |
| 3228.00 | -0.681 | -0.695 | -0.655 | -0.712 | -0.766 | -1.266 |
| 3230.00 | -0.681 | -0.695 | -0.655 | -0.712 | -0.766 | -1.266 |
| 3232.00 | -0.681 | -0.695 | -0.655 | -0.712 | -0.766 | -1.266 |
| 3234.00 | -0.681 | -0.695 | -0.655 | -0.712 | -0.766 | -1.256 |
| 3236.00 | -0.681 | -0.695 | -0.655 | -0.705 | -0.766 | -1.256 |
| 3238.00 | -0.681 | -0.695 | -0.655 | -0.705 | -0.766 | -1.256 |
| 3240.00 | -0.688 | -0.695 | -0.645 | -0.705 | -0.766 | -1.256 |
| 3242.00 | -0.681 | -0.695 | -0.655 | -0.705 | -0.766 | -1.256 |
| 3244.00 | -0.681 | -0.695 | -0.655 | -0.705 | -0.766 | -1.256 |
| 3246.00 | -0.681 | -0.695 | -0.645 | -0.699 | -0.759 | -1.247 |
| 3248.00 | -0.688 | -0.695 | -0.655 | -0.699 | -0.759 | -1.247 |
| 3250.00 | -0.688 | -0.695 | -0.645 | -0.699 | -0.759 | -1.247 |
| 3252.00 | -0.688 | -0.695 | -0.645 | -0.699 | -0.766 | -1.247 |
| 3254.00 | -0.688 | -0.695 | -0.645 | -0.693 | -0.759 | -1.237 |
| 3256.00 | -0.688 | -0.685 | -0.645 | -0.693 | -0.759 | -1.237 |
| 3258.00 | -0.688 | -0.685 | -0.645 | -0.693 | -0.759 | -1.237 |
| 3260.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.759 | -1.237 |
| 3262.00 | -0.688 | -0.685 | -0.645 | -0.693 | -0.759 | -1.237 |
| 3264.00 | -0.688 | -0.685 | -0.645 | -0.693 | -0.759 | -1.237 |
| 3266.00 | -0.688 | -0.685 | -0.645 | -0.693 | -0.759 | -1.228 |
| 3268.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.759 | -1.228 |
| 3270.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.759 | -1.228 |
| 3272.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.759 | -1.228 |
| 3274.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.753 | -1.218 |
| 3276.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.759 | -1.218 |
| 3278.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.753 | -1.208 |
| 3280.00 | -0.681 | -0.685 | -0.645 | -0.693 | -0.759 | -1.208 |
| 3282.00 | -0.681 | -0.685 | -0.636 | -0.693 | -0.753 | -1.208 |
| 3284.00 | -0.675 | -0.685 | -0.645 | -0.693 | -0.753 | -1.208 |
| 3286.00 | -0.681 | -0.685 | -0.645 | -0.686 | -0.753 | -1.208 |
| 3288.00 | -0.681 | -0.685 | -0.636 | -0.693 | -0.753 | -1.208 |
| 3290.00 | -0.681 | -0.675 | -0.636 | -0.686 | -0.753 | -1.208 |
| 3292.00 | -0.681 | -0.685 | -0.636 | -0.693 | -0.753 | -1.208 |
| 3294.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.753 | -1.199 |



CHM 003 1384

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3296.00 | -0.675 | -0.675 | -0.636 | -0.693 | -0.753 | -1.199 |
| 3298.00 | -0.681 | -0.675 | -0.636 | -0.693 | -0.747 | -1.199 |
| 3300.00 | -0.681 | -0.675 | -0.636 | -0.693 | -0.753 | -1.199 |
| 3302.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.199 |
| 3304.00 | -0.675 | -0.675 | -0.636 | -0.693 | -0.747 | -1.189 |
| 3306.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.189 |
| 3308.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.189 |
| 3310.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.189 |
| 3312.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.189 |
| 3314.00 | -0.675 | -0.675 | -0.636 | -0.693 | -0.747 | -1.189 |
| 3316.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.180 |
| 3318.00 | -0.675 | -0.675 | -0.636 | -0.693 | -0.747 | -1.180 |
| 3320.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.180 |
| 3322.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.180 |
| 3324.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.180 |
| 3326.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.747 | -1.180 |
| 3328.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.740 | -1.180 |
| 3330.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.740 | -1.180 |
| 3332.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.740 | -1.170 |
| 3334.00 | -0.675 | -0.675 | -0.636 | -0.686 | -0.740 | -1.170 |
| 3336.00 | -0.669 | -0.675 | -0.626 | -0.686 | -0.740 | -1.170 |
| 3338.00 | -0.669 | -0.666 | -0.626 | -0.686 | -0.740 | -1.170 |
| 3340.00 | -0.669 | -0.666 | -0.626 | -0.686 | -0.740 | -1.170 |
| 3342.00 | -0.669 | -0.666 | -0.626 | -0.686 | -0.740 | -1.170 |
| 3344.00 | -0.669 | -0.666 | -0.626 | -0.686 | -0.734 | -1.161 |
| 3346.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.734 | -1.161 |
| 3348.00 | -0.669 | -0.666 | -0.626 | -0.686 | -0.734 | -1.161 |
| 3350.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.734 | -1.161 |
| 3352.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.734 | -1.161 |
| 3354.00 | -0.669 | -0.666 | -0.626 | -0.686 | -0.734 | -1.161 |
| 3356.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.734 | -1.161 |
| 3358.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.734 | -1.151 |
| 3360.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.734 | -1.151 |
| 3362.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.734 | -1.151 |
| 3364.00 | -0.662 | -0.666 | -0.626 | -0.680 | -0.734 | -1.151 |
| 3366.00 | -0.662 | -0.666 | -0.626 | -0.680 | -0.734 | -1.151 |
| 3368.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.728 | -1.151 |
| 3370.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.728 | -1.151 |
| 3372.00 | -0.669 | -0.666 | -0.626 | -0.680 | -0.728 | -1.151 |
| 3374.00 | -0.669 | -0.656 | -0.626 | -0.680 | -0.728 | -1.151 |
| 3376.00 | -0.662 | -0.656 | -0.626 | -0.680 | -0.728 | -1.142 |
| 3378.00 | -0.662 | -0.666 | -0.626 | -0.674 | -0.728 | -1.142 |
| 3380.00 | -0.662 | -0.666 | -0.626 | -0.680 | -0.728 | -1.142 |
| 3382.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.728 | -1.142 |
| 3384.00 | -0.662 | -0.656 | -0.617 | -0.674 | -0.728 | -1.142 |
| 3386.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.728 | -1.142 |
| 3388.00 | -0.662 | -0.656 | -0.617 | -0.674 | -0.721 | -1.142 |
| 3390.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.721 | -1.142 |
| 3392.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.721 | -1.142 |
| 3394.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.721 | -1.142 |
| 3396.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.721 | -1.142 |
| 3398.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.721 | -1.142 |
| 3400.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.715 | -1.142 |
| 3402.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.721 | -1.142 |



CHM 003 1385

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3404.00 | -0.656 | -0.656 | -0.626 | -0.674 | -0.721 | -1.142 |
| 3406.00 | -0.662 | -0.656 | -0.626 | -0.674 | -0.721 | -1.151 |
| 3408.00 | -0.662 | -0.656 | -0.617 | -0.667 | -0.715 | -1.151 |
| 3410.00 | -0.656 | -0.656 | -0.626 | -0.667 | -0.721 | -1.142 |
| 3412.00 | -0.662 | -0.656 | -0.617 | -0.667 | -0.715 | -1.142 |
| 3414.00 | -0.656 | -0.656 | -0.626 | -0.667 | -0.715 | -1.151 |
| 3416.00 | -0.662 | -0.656 | -0.617 | -0.667 | -0.721 | -1.142 |
| 3418.00 | -0.662 | -0.656 | -0.617 | -0.667 | -0.715 | -1.142 |
| 3420.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.715 | -1.142 |
| 3422.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.715 | -1.142 |
| 3424.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.715 | -1.142 |
| 3426.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.715 | -1.142 |
| 3428.00 | -0.656 | -0.647 | -0.617 | -0.667 | -0.715 | -1.132 |
| 3430.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.715 | -1.132 |
| 3432.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.715 | -1.142 |
| 3434.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.709 | -1.132 |
| 3436.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.709 | -1.132 |
| 3438.00 | -0.656 | -0.647 | -0.617 | -0.661 | -0.709 | -1.132 |
| 3440.00 | -0.656 | -0.656 | -0.617 | -0.667 | -0.709 | -1.132 |
| 3442.00 | -0.656 | -0.647 | -0.617 | -0.661 | -0.709 | -1.132 |
| 3444.00 | -0.643 | -0.647 | -0.607 | -0.661 | -0.702 | -1.123 |
| 3446.00 | -0.650 | -0.647 | -0.617 | -0.661 | -0.709 | -1.132 |
| 3448.00 | -0.656 | -0.647 | -0.617 | -0.667 | -0.709 | -1.132 |
| 3450.00 | -0.656 | -0.647 | -0.617 | -0.667 | -0.709 | -1.132 |
| 3452.00 | -0.656 | -0.647 | -0.617 | -0.661 | -0.709 | -1.132 |
| 3454.00 | -0.650 | -0.647 | -0.617 | -0.667 | -0.709 | -1.123 |
| 3456.00 | -0.656 | -0.647 | -0.607 | -0.661 | -0.702 | -1.132 |
| 3458.00 | -0.656 | -0.647 | -0.617 | -0.661 | -0.709 | -1.132 |
| 3460.00 | -0.650 | -0.647 | -0.617 | -0.661 | -0.702 | -1.123 |
| 3462.00 | -0.656 | -0.647 | -0.607 | -0.661 | -0.702 | -1.123 |
| 3464.00 | -0.650 | -0.647 | -0.607 | -0.661 | -0.709 | -1.123 |
| 3466.00 | -0.650 | -0.647 | -0.607 | -0.661 | -0.702 | -1.123 |
| 3468.00 | -0.650 | -0.647 | -0.607 | -0.661 | -0.702 | -1.123 |
| 3470.00 | -0.656 | -0.647 | -0.607 | -0.654 | -0.702 | -1.123 |
| 3472.00 | -0.650 | -0.647 | -0.607 | -0.661 | -0.702 | -1.113 |
| 3474.00 | -0.650 | -0.647 | -0.617 | -0.661 | -0.702 | -1.123 |
| 3476.00 | -0.656 | -0.647 | -0.607 | -0.661 | -0.702 | -1.123 |
| 3478.00 | -0.650 | -0.647 | -0.607 | -0.654 | -0.702 | -1.123 |
| 3480.00 | -0.643 | -0.637 | -0.607 | -0.654 | -0.696 | -1.104 |
| 3482.00 | -0.643 | -0.647 | -0.607 | -0.654 | -0.696 | -1.113 |
| 3484.00 | -0.650 | -0.647 | -0.607 | -0.654 | -0.702 | -1.113 |
| 3486.00 | -0.650 | -0.647 | -0.607 | -0.654 | -0.696 | -1.113 |
| 3488.00 | -0.650 | -0.637 | -0.607 | -0.654 | -0.702 | -1.113 |
| 3490.00 | -0.643 | -0.637 | -0.607 | -0.654 | -0.696 | -1.113 |
| 3492.00 | -0.643 | -0.637 | -0.607 | -0.654 | -0.696 | -1.104 |
| 3494.00 | -0.650 | -0.647 | -0.607 | -0.648 | -0.696 | -1.113 |
| 3496.00 | -0.650 | -0.637 | -0.607 | -0.654 | -0.696 | -1.104 |
| 3498.00 | -0.643 | -0.637 | -0.607 | -0.654 | -0.696 | -1.104 |
| 3500.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.696 | -1.104 |
| 3502.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.696 | -1.094 |
| 3504.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.690 | -1.094 |
| 3506.00 | -0.650 | -0.637 | -0.607 | -0.648 | -0.696 | -1.094 |
| 3508.00 | -0.650 | -0.637 | -0.607 | -0.648 | -0.690 | -1.094 |
| 3510.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.696 | -1.085 |



CHM 003 1386

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3512.00 | -0.650 | -0.637 | -0.607 | -0.648 | -0.690 | -1.085 |
| 3514.00 | -0.650 | -0.637 | -0.607 | -0.648 | -0.690 | -1.094 |
| 3516.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.690 | -1.085 |
| 3518.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.690 | -1.085 |
| 3520.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.690 | -1.085 |
| 3522.00 | -0.637 | -0.637 | -0.607 | -0.648 | -0.690 | -1.075 |
| 3524.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.690 | -1.075 |
| 3526.00 | -0.650 | -0.637 | -0.607 | -0.648 | -0.690 | -1.085 |
| 3528.00 | -0.643 | -0.637 | -0.607 | -0.642 | -0.690 | -1.075 |
| 3530.00 | -0.637 | -0.637 | -0.607 | -0.642 | -0.690 | -1.075 |
| 3532.00 | -0.643 | -0.637 | -0.598 | -0.648 | -0.683 | -1.085 |
| 3534.00 | -0.643 | -0.637 | -0.598 | -0.648 | -0.683 | -1.075 |
| 3536.00 | -0.643 | -0.637 | -0.598 | -0.648 | -0.683 | -1.075 |
| 3538.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.683 | -1.075 |
| 3540.00 | -0.630 | -0.628 | -0.598 | -0.642 | -0.683 | -1.066 |
| 3542.00 | -0.643 | -0.637 | -0.607 | -0.648 | -0.683 | -1.075 |
| 3544.00 | -0.650 | -0.637 | -0.598 | -0.648 | -0.683 | -1.085 |
| 3546.00 | -0.650 | -0.637 | -0.598 | -0.642 | -0.683 | -1.075 |
| 3548.00 | -0.637 | -0.628 | -0.598 | -0.629 | -0.683 | -1.075 |
| 3550.00 | -0.643 | -0.628 | -0.598 | -0.642 | -0.683 | -1.075 |
| 3552.00 | -0.650 | -0.628 | -0.598 | -0.648 | -0.683 | -1.075 |
| 3554.00 | -0.643 | -0.628 | -0.598 | -0.642 | -0.677 | -1.075 |
| 3556.00 | -0.637 | -0.628 | -0.598 | -0.642 | -0.677 | -1.066 |
| 3558.00 | -0.643 | -0.637 | -0.598 | -0.629 | -0.683 | -1.075 |
| 3560.00 | -0.637 | -0.628 | -0.598 | -0.642 | -0.677 | -1.066 |
| 3562.00 | -0.630 | -0.628 | -0.598 | -0.629 | -0.677 | -1.066 |
| 3564.00 | -0.637 | -0.628 | -0.598 | -0.642 | -0.677 | -1.066 |
| 3566.00 | -0.624 | -0.628 | -0.598 | -0.642 | -0.677 | -1.056 |
| 3568.00 | -0.637 | -0.628 | -0.598 | -0.635 | -0.677 | -1.066 |
| 3570.00 | -0.643 | -0.628 | -0.598 | -0.629 | -0.677 | -1.075 |
| 3572.00 | -0.618 | -0.628 | -0.598 | -0.635 | -0.677 | -1.056 |
| 3574.00 | -0.637 | -0.628 | -0.598 | -0.635 | -0.677 | -1.066 |
| 3576.00 | -0.643 | -0.628 | -0.598 | -0.635 | -0.677 | -1.066 |
| 3578.00 | -0.637 | -0.628 | -0.598 | -0.642 | -0.677 | -1.066 |
| 3580.00 | -0.630 | -0.628 | -0.598 | -0.635 | -0.677 | -1.056 |
| 3582.00 | -0.630 | -0.628 | -0.598 | -0.629 | -0.677 | -1.066 |
| 3584.00 | -0.630 | -0.628 | -0.588 | -0.635 | -0.671 | -1.056 |
| 3586.00 | -0.637 | -0.628 | -0.588 | -0.635 | -0.677 | -1.066 |
| 3588.00 | -0.643 | -0.618 | -0.588 | -0.635 | -0.671 | -1.075 |
| 3590.00 | -0.630 | -0.628 | -0.588 | -0.629 | -0.671 | -1.056 |
| 3592.00 | -0.624 | -0.628 | -0.588 | -0.629 | -0.671 | -1.056 |
| 3594.00 | -0.630 | -0.618 | -0.588 | -0.629 | -0.671 | -1.066 |
| 3596.00 | -0.637 | -0.618 | -0.588 | -0.629 | -0.671 | -1.056 |
| 3598.00 | -0.630 | -0.618 | -0.588 | -0.629 | -0.671 | -1.056 |
| 3600.00 | -0.630 | -0.618 | -0.588 | -0.629 | -0.671 | -1.056 |
| 3602.00 | -0.637 | -0.618 | -0.588 | -0.629 | -0.671 | -1.066 |
| 3604.00 | -0.630 | -0.618 | -0.588 | -0.623 | -0.671 | -1.056 |
| 3606.00 | -0.630 | -0.628 | -0.588 | -0.629 | -0.671 | -1.056 |
| 3608.00 | -0.637 | -0.618 | -0.588 | -0.623 | -0.671 | -1.056 |
| 3610.00 | -0.637 | -0.618 | -0.588 | -0.623 | -0.671 | -1.056 |
| 3612.00 | -0.630 | -0.618 | -0.588 | -0.623 | -0.671 | -1.056 |
| 3614.00 | -0.630 | -0.618 | -0.588 | -0.629 | -0.664 | -1.056 |
| 3616.00 | -0.637 | -0.618 | -0.588 | -0.629 | -0.664 | -1.056 |
| 3618.00 | -0.630 | -0.618 | -0.588 | -0.629 | -0.664 | -1.056 |



CHM 003 1387

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3620.00 | -0.630 | -0.618 | -0.588 | -0.623 | -0.664 | -1.047 |
| 3622.00 | -0.630 | -0.618 | -0.588 | -0.623 | -0.664 | -1.047 |
| 3624.00 | -0.637 | -0.618 | -0.588 | -0.616 | -0.664 | -1.047 |
| 3626.00 | -0.624 | -0.618 | -0.588 | -0.623 | -0.664 | -1.047 |
| 3628.00 | -0.624 | -0.618 | -0.588 | -0.623 | -0.664 | -1.047 |
| 3630.00 | -0.630 | -0.618 | -0.579 | -0.623 | -0.664 | -1.047 |
| 3632.00 | -0.630 | -0.618 | -0.588 | -0.623 | -0.664 | -1.047 |
| 3634.00 | -0.630 | -0.609 | -0.588 | -0.623 | -0.664 | -1.047 |
| 3636.00 | -0.630 | -0.618 | -0.588 | -0.616 | -0.664 | -1.037 |
| 3638.00 | -0.624 | -0.609 | -0.579 | -0.623 | -0.658 | -1.037 |
| 3640.00 | -0.624 | -0.609 | -0.579 | -0.623 | -0.658 | -1.047 |
| 3642.00 | -0.630 | -0.618 | -0.579 | -0.616 | -0.658 | -1.047 |
| 3644.00 | -0.637 | -0.609 | -0.579 | -0.623 | -0.658 | -1.047 |
| 3646.00 | -0.618 | -0.609 | -0.579 | -0.616 | -0.658 | -1.028 |
| 3648.00 | -0.611 | -0.609 | -0.579 | -0.616 | -0.658 | -1.028 |
| 3650.00 | -0.624 | -0.609 | -0.579 | -0.616 | -0.658 | -1.037 |
| 3652.00 | -0.630 | -0.609 | -0.579 | -0.616 | -0.658 | -1.037 |
| 3654.00 | -0.611 | -0.609 | -0.579 | -0.616 | -0.658 | -1.028 |
| 3656.00 | -0.618 | -0.609 | -0.579 | -0.623 | -0.658 | -1.028 |
| 3658.00 | -0.618 | -0.609 | -0.579 | -0.610 | -0.658 | -1.028 |
| 3660.00 | -0.618 | -0.609 | -0.579 | -0.616 | -0.658 | -1.028 |
| 3662.00 | -0.624 | -0.609 | -0.579 | -0.616 | -0.658 | -1.028 |
| 3664.00 | -0.624 | -0.609 | -0.579 | -0.616 | -0.658 | -1.037 |
| 3666.00 | -0.624 | -0.609 | -0.579 | -0.623 | -0.658 | -1.028 |
| 3668.00 | -0.611 | -0.609 | -0.579 | -0.610 | -0.652 | -1.028 |
| 3670.00 | -0.611 | -0.609 | -0.579 | -0.610 | -0.658 | -1.018 |
| 3672.00 | -0.624 | -0.609 | -0.579 | -0.610 | -0.652 | -1.037 |
| 3674.00 | -0.618 | -0.609 | -0.579 | -0.616 | -0.652 | -1.028 |
| 3676.00 | -0.618 | -0.609 | -0.579 | -0.610 | -0.652 | -1.018 |
| 3678.00 | -0.618 | -0.609 | -0.579 | -0.610 | -0.652 | -1.028 |
| 3680.00 | -0.605 | -0.599 | -0.579 | -0.610 | -0.652 | -1.018 |
| 3682.00 | -0.618 | -0.599 | -0.579 | -0.610 | -0.652 | -1.028 |
| 3684.00 | -0.618 | -0.599 | -0.579 | -0.610 | -0.652 | -1.028 |
| 3686.00 | -0.624 | -0.609 | -0.579 | -0.604 | -0.652 | -1.028 |
| 3688.00 | -0.618 | -0.609 | -0.579 | -0.610 | -0.652 | -1.028 |
| 3690.00 | -0.611 | -0.599 | -0.579 | -0.610 | -0.652 | -1.018 |
| 3692.00 | -0.611 | -0.599 | -0.579 | -0.610 | -0.652 | -1.018 |
| 3694.00 | -0.605 | -0.599 | -0.579 | -0.610 | -0.652 | -1.009 |
| 3696.00 | -0.605 | -0.599 | -0.569 | -0.604 | -0.645 | -1.018 |
| 3698.00 | -0.611 | -0.599 | -0.579 | -0.610 | -0.652 | -1.018 |
| 3700.00 | -0.611 | -0.599 | -0.579 | -0.604 | -0.652 | -1.018 |
| 3702.00 | -0.605 | -0.599 | -0.579 | -0.610 | -0.652 | -1.018 |
| 3704.00 | -0.611 | -0.599 | -0.569 | -0.610 | -0.645 | -1.018 |
| 3706.00 | -0.611 | -0.599 | -0.569 | -0.604 | -0.645 | -1.018 |
| 3708.00 | -0.605 | -0.599 | -0.569 | -0.610 | -0.645 | -1.009 |
| 3710.00 | -0.611 | -0.599 | -0.569 | -0.597 | -0.645 | -1.018 |
| 3712.00 | -0.605 | -0.599 | -0.569 | -0.610 | -0.645 | -1.009 |
| 3714.00 | -0.605 | -0.599 | -0.569 | -0.604 | -0.645 | -1.009 |
| 3716.00 | -0.605 | -0.599 | -0.569 | -0.610 | -0.645 | -1.009 |
| 3718.00 | -0.605 | -0.599 | -0.569 | -0.597 | -0.645 | -1.009 |
| 3720.00 | -0.611 | -0.599 | -0.569 | -0.604 | -0.645 | -1.009 |
| 3722.00 | -0.611 | -0.599 | -0.569 | -0.597 | -0.645 | -1.009 |
| 3724.00 | -0.605 | -0.599 | -0.569 | -0.597 | -0.645 | -1.009 |
| 3726.00 | -0.611 | -0.599 | -0.569 | -0.604 | -0.645 | -1.009 |



CHM 003 1388

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3728.00 | -0.605 | -0.599 | -0.569 | -0.597 | -0.645 | -1.009 |
| 3730.00 | -0.605 | -0.599 | -0.569 | -0.597 | -0.645 | -1.009 |
| 3732.00 | -0.618 | -0.599 | -0.569 | -0.604 | -0.645 | -1.018 |
| 3734.00 | -0.605 | -0.599 | -0.569 | -0.604 | -0.645 | -1.009 |
| 3736.00 | -0.611 | -0.590 | -0.569 | -0.604 | -0.645 | -1.009 |
| 3738.00 | -0.611 | -0.599 | -0.569 | -0.604 | -0.645 | -1.009 |
| 3740.00 | -0.605 | -0.599 | -0.569 | -0.604 | -0.645 | -1.009 |
| 3742.00 | -0.599 | -0.590 | -0.560 | -0.597 | -0.645 | -1.009 |
| 3744.00 | -0.599 | -0.590 | -0.569 | -0.597 | -0.645 | -0.999 |
| 3746.00 | -0.605 | -0.590 | -0.560 | -0.604 | -0.639 | -0.999 |
| 3748.00 | -0.599 | -0.590 | -0.560 | -0.597 | -0.639 | -0.999 |
| 3750.00 | -0.605 | -0.590 | -0.560 | -0.597 | -0.639 | -0.999 |
| 3752.00 | -0.605 | -0.590 | -0.560 | -0.597 | -0.639 | -0.999 |
| 3754.00 | -0.605 | -0.590 | -0.560 | -0.597 | -0.639 | -0.999 |
| 3756.00 | -0.605 | -0.590 | -0.560 | -0.597 | -0.639 | -0.999 |
| 3758.00 | -0.592 | -0.590 | -0.560 | -0.591 | -0.639 | -0.989 |
| 3760.00 | -0.599 | -0.590 | -0.560 | -0.597 | -0.639 | -0.989 |
| 3762.00 | -0.599 | -0.590 | -0.560 | -0.591 | -0.639 | -0.989 |
| 3764.00 | -0.599 | -0.590 | -0.560 | -0.591 | -0.639 | -0.989 |
| 3766.00 | -0.592 | -0.590 | -0.560 | -0.597 | -0.639 | -0.989 |
| 3768.00 | -0.599 | -0.580 | -0.560 | -0.591 | -0.639 | -0.989 |
| 3770.00 | -0.599 | -0.590 | -0.560 | -0.591 | -0.639 | -0.989 |
| 3772.00 | -0.605 | -0.580 | -0.560 | -0.591 | -0.639 | -0.989 |
| 3774.00 | -0.599 | -0.580 | -0.560 | -0.591 | -0.639 | -0.989 |
| 3776.00 | -0.599 | -0.580 | -0.560 | -0.591 | -0.633 | -0.989 |
| 3778.00 | -0.599 | -0.580 | -0.550 | -0.591 | -0.639 | -0.980 |
| 3780.00 | -0.605 | -0.580 | -0.550 | -0.591 | -0.639 | -0.999 |
| 3782.00 | -0.592 | -0.580 | -0.550 | -0.585 | -0.639 | -0.980 |
| 3784.00 | -0.592 | -0.580 | -0.550 | -0.585 | -0.633 | -0.980 |
| 3786.00 | -0.592 | -0.580 | -0.560 | -0.591 | -0.633 | -0.989 |
| 3788.00 | -0.592 | -0.580 | -0.560 | -0.591 | -0.633 | -0.989 |
| 3790.00 | -0.586 | -0.580 | -0.550 | -0.585 | -0.633 | -0.980 |
| 3792.00 | -0.592 | -0.580 | -0.550 | -0.585 | -0.633 | -0.970 |
| 3794.00 | -0.592 | -0.580 | -0.560 | -0.585 | -0.633 | -0.980 |
| 3796.00 | -0.579 | -0.580 | -0.550 | -0.585 | -0.633 | -0.970 |
| 3798.00 | -0.592 | -0.580 | -0.550 | -0.591 | -0.633 | -0.980 |
| 3800.00 | -0.592 | -0.580 | -0.550 | -0.585 | -0.633 | -0.980 |
| 3802.00 | -0.592 | -0.580 | -0.550 | -0.591 | -0.633 | -0.980 |
| 3804.00 | -0.592 | -0.580 | -0.550 | -0.585 | -0.633 | -0.970 |
| 3806.00 | -0.586 | -0.580 | -0.550 | -0.585 | -0.633 | -0.970 |
| 3808.00 | -0.586 | -0.580 | -0.550 | -0.585 | -0.633 | -0.970 |
| 3810.00 | -0.592 | -0.580 | -0.550 | -0.585 | -0.633 | -0.980 |
| 3812.00 | -0.586 | -0.580 | -0.550 | -0.578 | -0.633 | -0.970 |
| 3814.00 | -0.579 | -0.580 | -0.550 | -0.585 | -0.626 | -0.961 |
| 3816.00 | -0.592 | -0.580 | -0.550 | -0.591 | -0.633 | -0.970 |
| 3818.00 | -0.599 | -0.580 | -0.550 | -0.585 | -0.633 | -0.980 |
| 3820.00 | -0.573 | -0.571 | -0.541 | -0.578 | -0.626 | -0.961 |
| 3822.00 | -0.579 | -0.571 | -0.550 | -0.578 | -0.626 | -0.961 |
| 3824.00 | -0.592 | -0.571 | -0.550 | -0.578 | -0.633 | -0.970 |
| 3826.00 | -0.599 | -0.571 | -0.541 | -0.578 | -0.626 | -0.970 |
| 3828.00 | -0.592 | -0.571 | -0.541 | -0.578 | -0.626 | -0.961 |
| 3830.00 | -0.579 | -0.571 | -0.541 | -0.578 | -0.626 | -0.961 |
| 3832.00 | -0.592 | -0.571 | -0.541 | -0.578 | -0.626 | -0.961 |
| 3834.00 | -0.579 | -0.571 | -0.541 | -0.578 | -0.626 | -0.961 |



CHM 003 1384

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3836.00 | -0.586 | -0.571 | -0.541 | -0.578 | -0.626 | -0.961 |
| 3838.00 | -0.592 | -0.571 | -0.541 | -0.578 | -0.626 | -0.970 |
| 3840.00 | -0.592 | -0.571 | -0.541 | -0.578 | -0.626 | -0.961 |
| 3842.00 | -0.579 | -0.571 | -0.541 | -0.572 | -0.626 | -0.961 |
| 3844.00 | -0.579 | -0.571 | -0.541 | -0.572 | -0.626 | -0.961 |
| 3846.00 | -0.567 | -0.571 | -0.541 | -0.572 | -0.626 | -0.951 |
| 3848.00 | -0.573 | -0.571 | -0.541 | -0.578 | -0.626 | -0.942 |
| 3850.00 | -0.579 | -0.571 | -0.541 | -0.572 | -0.620 | -0.942 |
| 3852.00 | -0.579 | -0.571 | -0.541 | -0.572 | -0.620 | -0.951 |
| 3854.00 | -0.579 | -0.561 | -0.541 | -0.572 | -0.620 | -0.951 |
| 3856.00 | -0.586 | -0.561 | -0.531 | -0.578 | -0.620 | -0.951 |
| 3858.00 | -0.573 | -0.561 | -0.541 | -0.572 | -0.620 | -0.942 |
| 3860.00 | -0.573 | -0.561 | -0.531 | -0.572 | -0.620 | -0.942 |
| 3862.00 | -0.573 | -0.561 | -0.531 | -0.565 | -0.620 | -0.942 |
| 3864.00 | -0.579 | -0.561 | -0.531 | -0.578 | -0.620 | -0.951 |
| 3866.00 | -0.579 | -0.561 | -0.531 | -0.572 | -0.620 | -0.951 |
| 3868.00 | -0.573 | -0.561 | -0.531 | -0.565 | -0.620 | -0.942 |
| 3870.00 | -0.579 | -0.561 | -0.531 | -0.572 | -0.620 | -0.951 |
| 3872.00 | -0.579 | -0.561 | -0.531 | -0.572 | -0.620 | -0.942 |
| 3874.00 | -0.573 | -0.561 | -0.531 | -0.565 | -0.620 | -0.942 |
| 3876.00 | -0.567 | -0.561 | -0.531 | -0.565 | -0.620 | -0.932 |
| 3878.00 | -0.573 | -0.561 | -0.531 | -0.565 | -0.620 | -0.932 |
| 3880.00 | -0.579 | -0.561 | -0.531 | -0.565 | -0.614 | -0.942 |
| 3882.00 | -0.586 | -0.561 | -0.531 | -0.565 | -0.620 | -0.942 |
| 3884.00 | -0.579 | -0.561 | -0.531 | -0.565 | -0.620 | -0.942 |
| 3886.00 | -0.586 | -0.561 | -0.531 | -0.565 | -0.614 | -0.942 |
| 3888.00 | -0.573 | -0.561 | -0.531 | -0.565 | -0.614 | -0.932 |
| 3890.00 | -0.554 | -0.561 | -0.531 | -0.559 | -0.614 | -0.913 |
| 3892.00 | -0.567 | -0.561 | -0.531 | -0.565 | -0.614 | -0.923 |
| 3894.00 | -0.579 | -0.561 | -0.531 | -0.565 | -0.614 | -0.932 |
| 3896.00 | -0.579 | -0.561 | -0.531 | -0.559 | -0.614 | -0.942 |
| 3898.00 | -0.567 | -0.552 | -0.531 | -0.559 | -0.614 | -0.923 |
| 3900.00 | -0.567 | -0.552 | -0.531 | -0.559 | -0.614 | -0.923 |
| 3902.00 | -0.573 | -0.552 | -0.531 | -0.559 | -0.614 | -0.932 |
| 3904.00 | -0.567 | -0.552 | -0.531 | -0.565 | -0.614 | -0.923 |
| 3906.00 | -0.567 | -0.552 | -0.522 | -0.559 | -0.614 | -0.923 |
| 3908.00 | -0.573 | -0.552 | -0.522 | -0.559 | -0.614 | -0.923 |
| 3910.00 | -0.573 | -0.552 | -0.522 | -0.559 | -0.614 | -0.923 |
| 3912.00 | -0.573 | -0.552 | -0.522 | -0.559 | -0.614 | -0.923 |
| 3914.00 | -0.567 | -0.552 | -0.522 | -0.559 | -0.614 | -0.923 |
| 3916.00 | -0.579 | -0.552 | -0.522 | -0.559 | -0.614 | -0.923 |
| 3918.00 | -0.573 | -0.552 | -0.522 | -0.559 | -0.607 | -0.923 |
| 3920.00 | -0.554 | -0.552 | -0.522 | -0.553 | -0.607 | -0.904 |
| 3922.00 | -0.567 | -0.552 | -0.522 | -0.553 | -0.607 | -0.913 |
| 3924.00 | -0.573 | -0.552 | -0.522 | -0.559 | -0.607 | -0.913 |
| 3926.00 | -0.567 | -0.552 | -0.522 | -0.559 | -0.607 | -0.913 |
| 3928.00 | -0.560 | -0.552 | -0.522 | -0.553 | -0.607 | -0.904 |
| 3930.00 | -0.560 | -0.552 | -0.522 | -0.553 | -0.607 | -0.904 |
| 3932.00 | -0.560 | -0.552 | -0.522 | -0.553 | -0.607 | -0.894 |
| 3934.00 | -0.554 | -0.542 | -0.522 | -0.553 | -0.607 | -0.904 |
| 3936.00 | -0.560 | -0.542 | -0.522 | -0.553 | -0.607 | -0.894 |
| 3938.00 | -0.560 | -0.542 | -0.522 | -0.553 | -0.607 | -0.904 |
| 3940.00 | -0.567 | -0.542 | -0.522 | -0.553 | -0.607 | -0.913 |
| 3942.00 | -0.554 | -0.542 | -0.522 | -0.546 | -0.601 | -0.894 |



CHM 003 1390

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 3944.00 | -0.528 | -0.542 | -0.522 | -0.546 | -0.607 | -0.875 |
| 3946.00 | -0.554 | -0.542 | -0.522 | -0.553 | -0.601 | -0.894 |
| 3948.00 | -0.573 | -0.542 | -0.522 | -0.553 | -0.601 | -0.913 |
| 3950.00 | -0.573 | -0.542 | -0.522 | -0.553 | -0.601 | -0.894 |
| 3952.00 | -0.548 | -0.542 | -0.522 | -0.546 | -0.601 | -0.885 |
| 3954.00 | -0.567 | -0.542 | -0.522 | -0.553 | -0.601 | -0.894 |
| 3956.00 | -0.560 | -0.542 | -0.522 | -0.546 | -0.601 | -0.904 |
| 3958.00 | -0.554 | -0.542 | -0.522 | -0.546 | -0.601 | -0.885 |
| 3960.00 | -0.554 | -0.542 | -0.522 | -0.546 | -0.601 | -0.894 |
| 3962.00 | -0.560 | -0.542 | -0.522 | -0.553 | -0.601 | -0.894 |
| 3964.00 | -0.560 | -0.542 | -0.522 | -0.546 | -0.601 | -0.885 |
| 3966.00 | -0.560 | -0.542 | -0.522 | -0.546 | -0.601 | -0.894 |
| 3968.00 | -0.567 | -0.542 | -0.522 | -0.546 | -0.601 | -0.904 |
| 3970.00 | -0.567 | -0.542 | -0.522 | -0.546 | -0.601 | -0.894 |
| 3972.00 | -0.567 | -0.542 | -0.522 | -0.546 | -0.601 | -0.894 |
| 3974.00 | -0.567 | -0.542 | -0.522 | -0.553 | -0.601 | -0.894 |
| 3976.00 | -0.560 | -0.542 | -0.522 | -0.546 | -0.601 | -0.894 |
| 3978.00 | -0.548 | -0.542 | -0.522 | -0.540 | -0.601 | -0.894 |
| 3980.00 | -0.554 | -0.542 | -0.512 | -0.540 | -0.601 | -0.885 |
| 3982.00 | -0.548 | -0.542 | -0.512 | -0.546 | -0.601 | -0.885 |
| 3984.00 | -0.560 | -0.542 | -0.512 | -0.546 | -0.595 | -0.894 |
| 3986.00 | -0.560 | -0.542 | -0.512 | -0.546 | -0.601 | -0.904 |
| 3988.00 | -0.554 | -0.542 | -0.512 | -0.540 | -0.601 | -0.885 |
| 3990.00 | -0.567 | -0.542 | -0.512 | -0.546 | -0.601 | -0.904 |
| 3992.00 | -0.560 | -0.542 | -0.512 | -0.546 | -0.595 | -0.894 |
| 3994.00 | -0.548 | -0.542 | -0.512 | -0.540 | -0.595 | -0.885 |
| 3996.00 | -0.548 | -0.542 | -0.512 | -0.540 | -0.595 | -0.885 |
| 3998.00 | -0.548 | -0.542 | -0.512 | -0.540 | -0.595 | -0.885 |
| 4000.00 | -0.560 | -0.542 | -0.512 | -0.540 | -0.595 | -0.894 |
| 4002.00 | -0.573 | -0.542 | -0.512 | -0.540 | -0.595 | -0.894 |
| 4004.00 | -0.573 | -0.542 | -0.512 | -0.540 | -0.595 | -0.894 |
| 4006.00 | -0.567 | -0.542 | -0.512 | -0.540 | -0.595 | -0.894 |
| 4008.00 | -0.554 | -0.542 | -0.512 | -0.540 | -0.595 | -0.885 |
| 4010.00 | -0.560 | -0.542 | -0.512 | -0.540 | -0.595 | -0.885 |
| 4012.00 | -0.567 | -0.542 | -0.512 | -0.540 | -0.595 | -0.885 |
| 4014.00 | -0.541 | -0.533 | -0.512 | -0.534 | -0.595 | -0.866 |
| 4016.00 | -0.541 | -0.533 | -0.512 | -0.534 | -0.595 | -0.866 |
| 4018.00 | -0.554 | -0.533 | -0.512 | -0.540 | -0.595 | -0.875 |
| 4020.00 | -0.560 | -0.533 | -0.512 | -0.534 | -0.595 | -0.875 |
| 4022.00 | -0.560 | -0.533 | -0.512 | -0.540 | -0.595 | -0.875 |
| 4024.00 | -0.541 | -0.533 | -0.512 | -0.540 | -0.588 | -0.866 |
| 4026.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.875 |
| 4028.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.875 |
| 4030.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.866 |
| 4032.00 | -0.548 | -0.533 | -0.512 | -0.534 | -0.588 | -0.866 |
| 4034.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.866 |
| 4036.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.866 |
| 4038.00 | -0.560 | -0.533 | -0.512 | -0.534 | -0.588 | -0.866 |
| 4040.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.866 |
| 4042.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4044.00 | -0.548 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4046.00 | -0.541 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4048.00 | -0.548 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4050.00 | -0.541 | -0.533 | -0.512 | -0.534 | -0.588 | -0.847 |



CHM 003 1391

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 4052.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4054.00 | -0.560 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4056.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.847 |
| 4058.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4060.00 | -0.548 | -0.533 | -0.522 | -0.534 | -0.588 | -0.856 |
| 4062.00 | -0.560 | -0.542 | -0.522 | -0.534 | -0.588 | -0.856 |
| 4064.00 | -0.560 | -0.542 | -0.522 | -0.534 | -0.588 | -0.856 |
| 4066.00 | -0.560 | -0.533 | -0.512 | -0.527 | -0.588 | -0.847 |
| 4068.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.847 |
| 4070.00 | -0.554 | -0.533 | -0.512 | -0.534 | -0.588 | -0.847 |
| 4072.00 | -0.560 | -0.533 | -0.512 | -0.534 | -0.588 | -0.856 |
| 4074.00 | -0.560 | -0.533 | -0.512 | -0.527 | -0.588 | -0.847 |
| 4076.00 | -0.554 | -0.533 | -0.512 | -0.527 | -0.588 | -0.847 |
| 4078.00 | -0.541 | -0.533 | -0.503 | -0.527 | -0.588 | -0.847 |
| 4080.00 | -0.541 | -0.533 | -0.512 | -0.527 | -0.582 | -0.837 |
| 4082.00 | -0.554 | -0.533 | -0.503 | -0.527 | -0.582 | -0.856 |
| 4084.00 | -0.560 | -0.533 | -0.503 | -0.527 | -0.582 | -0.856 |
| 4086.00 | -0.560 | -0.533 | -0.503 | -0.527 | -0.582 | -0.856 |
| 4088.00 | -0.548 | -0.533 | -0.503 | -0.527 | -0.582 | -0.847 |
| 4090.00 | -0.548 | -0.533 | -0.503 | -0.527 | -0.582 | -0.847 |
| 4092.00 | -0.554 | -0.533 | -0.503 | -0.527 | -0.582 | -0.847 |
| 4094.00 | -0.560 | -0.533 | -0.503 | -0.527 | -0.582 | -0.847 |
| 4096.00 | -0.548 | -0.533 | -0.503 | -0.527 | -0.582 | -0.837 |
| 4098.00 | -0.535 | -0.533 | -0.503 | -0.527 | -0.582 | -0.828 |
| 4100.00 | -0.554 | -0.533 | -0.503 | -0.521 | -0.582 | -0.847 |
| 4102.00 | -0.560 | -0.533 | -0.503 | -0.521 | -0.582 | -0.847 |
| 4104.00 | -0.548 | -0.533 | -0.512 | -0.527 | -0.582 | -0.847 |
| 4106.00 | -0.548 | -0.533 | -0.503 | -0.527 | -0.582 | -0.837 |
| 4108.00 | -0.548 | -0.533 | -0.503 | -0.527 | -0.582 | -0.837 |
| 4110.00 | -0.560 | -0.533 | -0.503 | -0.527 | -0.582 | -0.837 |
| 4112.00 | -0.548 | -0.533 | -0.503 | -0.521 | -0.582 | -0.828 |
| 4114.00 | -0.528 | -0.533 | -0.503 | -0.521 | -0.582 | -0.818 |
| 4116.00 | -0.541 | -0.533 | -0.503 | -0.521 | -0.582 | -0.828 |
| 4118.00 | -0.554 | -0.533 | -0.503 | -0.521 | -0.582 | -0.837 |
| 4120.00 | -0.560 | -0.533 | -0.503 | -0.521 | -0.576 | -0.837 |
| 4122.00 | -0.554 | -0.533 | -0.503 | -0.521 | -0.582 | -0.828 |
| 4124.00 | -0.554 | -0.533 | -0.503 | -0.521 | -0.576 | -0.828 |
| 4126.00 | -0.548 | -0.533 | -0.503 | -0.521 | -0.576 | -0.828 |
| 4128.00 | -0.548 | -0.523 | -0.503 | -0.521 | -0.576 | -0.828 |
| 4130.00 | -0.541 | -0.523 | -0.503 | -0.521 | -0.576 | -0.818 |
| 4132.00 | -0.548 | -0.533 | -0.503 | -0.521 | -0.576 | -0.818 |
| 4134.00 | -0.548 | -0.523 | -0.503 | -0.521 | -0.576 | -0.818 |
| 4136.00 | -0.548 | -0.523 | -0.503 | -0.521 | -0.576 | -0.818 |
| 4138.00 | -0.548 | -0.523 | -0.503 | -0.521 | -0.576 | -0.818 |
| 4140.00 | -0.548 | -0.523 | -0.503 | -0.515 | -0.576 | -0.809 |
| 4142.00 | -0.541 | -0.523 | -0.503 | -0.515 | -0.576 | -0.809 |
| 4144.00 | -0.541 | -0.523 | -0.503 | -0.521 | -0.576 | -0.809 |
| 4146.00 | -0.541 | -0.523 | -0.503 | -0.515 | -0.576 | -0.809 |
| 4148.00 | -0.535 | -0.523 | -0.503 | -0.515 | -0.576 | -0.809 |
| 4150.00 | -0.535 | -0.523 | -0.512 | -0.515 | -0.576 | -0.799 |
| 4152.00 | -0.535 | -0.533 | -0.503 | -0.515 | -0.576 | -0.799 |
| 4154.00 | -0.528 | -0.523 | -0.503 | -0.515 | -0.576 | -0.799 |
| 4156.00 | -0.535 | -0.523 | -0.512 | -0.515 | -0.576 | -0.799 |
| 4158.00 | -0.541 | -0.523 | -0.503 | -0.515 | -0.576 | -0.799 |



CHM 003 1392

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 4160.00 | -0.535 | -0.523 | -0.503 | -0.515 | -0.576 | -0.790 |
| 4162.00 | -0.528 | -0.523 | -0.503 | -0.515 | -0.576 | -0.799 |
| 4164.00 | -0.535 | -0.523 | -0.503 | -0.515 | -0.576 | -0.799 |
| 4166.00 | -0.535 | -0.523 | -0.503 | -0.515 | -0.576 | -0.799 |
| 4168.00 | -0.528 | -0.523 | -0.503 | -0.515 | -0.576 | -0.790 |
| 4170.00 | -0.528 | -0.523 | -0.503 | -0.508 | -0.576 | -0.790 |
| 4172.00 | -0.528 | -0.523 | -0.503 | -0.515 | -0.576 | -0.790 |
| 4174.00 | -0.528 | -0.523 | -0.503 | -0.508 | -0.569 | -0.790 |
| 4176.00 | -0.528 | -0.523 | -0.503 | -0.515 | -0.569 | -0.790 |
| 4178.00 | -0.528 | -0.523 | -0.503 | -0.508 | -0.569 | -0.790 |
| 4180.00 | -0.528 | -0.523 | -0.512 | -0.508 | -0.569 | -0.790 |
| 4182.00 | -0.528 | -0.523 | -0.512 | -0.508 | -0.569 | -0.790 |
| 4184.00 | -0.522 | -0.523 | -0.512 | -0.508 | -0.569 | -0.790 |
| 4186.00 | -0.522 | -0.523 | -0.512 | -0.508 | -0.569 | -0.780 |
| 4188.00 | -0.522 | -0.523 | -0.512 | -0.508 | -0.569 | -0.790 |
| 4190.00 | -0.528 | -0.523 | -0.512 | -0.508 | -0.569 | -0.790 |
| 4192.00 | -0.528 | -0.523 | -0.503 | -0.508 | -0.569 | -0.790 |
| 4194.00 | -0.535 | -0.523 | -0.503 | -0.502 | -0.569 | -0.790 |
| 4196.00 | -0.528 | -0.523 | -0.503 | -0.502 | -0.569 | -0.790 |
| 4198.00 | -0.522 | -0.523 | -0.503 | -0.502 | -0.569 | -0.790 |
| 4200.00 | -0.522 | -0.523 | -0.503 | -0.502 | -0.569 | -0.780 |
| 4202.00 | -0.522 | -0.523 | -0.503 | -0.502 | -0.569 | -0.780 |
| 4204.00 | -0.528 | -0.523 | -0.503 | -0.502 | -0.569 | -0.780 |
| 4206.00 | -0.528 | -0.523 | -0.503 | -0.502 | -0.563 | -0.780 |
| 4208.00 | -0.528 | -0.523 | -0.503 | -0.502 | -0.569 | -0.780 |
| 4210.00 | -0.528 | -0.523 | -0.503 | -0.502 | -0.569 | -0.780 |
| 4212.00 | -0.522 | -0.523 | -0.503 | -0.496 | -0.563 | -0.780 |
| 4214.00 | -0.522 | -0.523 | -0.503 | -0.496 | -0.563 | -0.780 |
| 4216.00 | -0.522 | -0.523 | -0.503 | -0.496 | -0.563 | -0.780 |
| 4218.00 | -0.522 | -0.514 | -0.503 | -0.496 | -0.563 | -0.771 |
| 4220.00 | -0.522 | -0.514 | -0.503 | -0.496 | -0.563 | -0.771 |
| 4222.00 | -0.522 | -0.514 | -0.503 | -0.496 | -0.563 | -0.771 |
| 4224.00 | -0.522 | -0.514 | -0.503 | -0.496 | -0.563 | -0.771 |
| 4226.00 | -0.522 | -0.514 | -0.503 | -0.496 | -0.563 | -0.771 |
| 4228.00 | -0.516 | -0.514 | -0.503 | -0.496 | -0.563 | -0.771 |
| 4230.00 | -0.522 | -0.514 | -0.503 | -0.496 | -0.563 | -0.771 |
| 4232.00 | -0.516 | -0.514 | -0.493 | -0.496 | -0.563 | -0.771 |
| 4234.00 | -0.522 | -0.514 | -0.493 | -0.496 | -0.563 | -0.771 |
| 4236.00 | -0.522 | -0.514 | -0.493 | -0.489 | -0.563 | -0.771 |
| 4238.00 | -0.516 | -0.514 | -0.493 | -0.496 | -0.563 | -0.771 |
| 4240.00 | -0.522 | -0.514 | -0.493 | -0.496 | -0.563 | -0.771 |
| 4242.00 | -0.522 | -0.514 | -0.493 | -0.489 | -0.563 | -0.780 |
| 4244.00 | -0.522 | -0.514 | -0.493 | -0.489 | -0.563 | -0.771 |
| 4246.00 | -0.516 | -0.514 | -0.493 | -0.489 | -0.557 | -0.771 |
| 4248.00 | -0.509 | -0.514 | -0.493 | -0.483 | -0.557 | -0.771 |
| 4250.00 | -0.509 | -0.514 | -0.493 | -0.483 | -0.557 | -0.771 |
| 4252.00 | -0.509 | -0.504 | -0.493 | -0.483 | -0.557 | -0.771 |
| 4254.00 | -0.509 | -0.504 | -0.493 | -0.483 | -0.557 | -0.771 |
| 4256.00 | -0.509 | -0.504 | -0.493 | -0.483 | -0.557 | -0.780 |
| 4258.00 | -0.516 | -0.504 | -0.493 | -0.489 | -0.557 | -0.771 |
| 4260.00 | -0.509 | -0.504 | -0.493 | -0.489 | -0.557 | -0.771 |
| 4262.00 | -0.522 | -0.504 | -0.484 | -0.489 | -0.557 | -0.771 |
| 4264.00 | -0.516 | -0.504 | -0.484 | -0.483 | -0.557 | -0.771 |
| 4266.00 | -0.522 | -0.504 | -0.484 | -0.483 | -0.557 | -0.761 |



CHM 003 1393

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 4268.00 | -0.509 | -0.495 | -0.465 | -0.483 | -0.557 | -0.761 |
| 4270.00 | -0.497 | -0.495 | -0.455 | -0.483 | -0.557 | -0.761 |
| 4272.00 | -0.484 | -0.485 | -0.446 | -0.483 | -0.557 | -0.771 |
| 4274.00 | -0.471 | -0.466 | -0.427 | -0.483 | -0.557 | -0.771 |
| 4276.00 | -0.458 | -0.456 | -0.408 | -0.483 | -0.557 | -0.771 |
| 4278.00 | -0.433 | -0.437 | -0.389 | -0.476 | -0.557 | -0.761 |
| 4280.00 | -0.407 | -0.418 | -0.370 | -0.483 | -0.557 | -0.761 |
| 4282.00 | -0.401 | -0.409 | -0.351 | -0.476 | -0.557 | -0.751 |
| 4284.00 | -0.388 | -0.390 | -0.341 | -0.476 | -0.550 | -0.761 |
| 4286.00 | -0.376 | -0.371 | -0.332 | -0.476 | -0.550 | -0.751 |
| 4288.00 | -0.363 | -0.352 | -0.322 | -0.476 | -0.550 | -0.761 |
| 4290.00 | -0.344 | -0.342 | -0.303 | -0.483 | -0.550 | -0.751 |
| 4292.00 | -0.325 | -0.323 | -0.303 | -0.476 | -0.550 | -0.742 |
| 4294.00 | -0.312 | -0.304 | -0.294 | -0.476 | -0.544 | -0.742 |
| 4296.00 | -0.293 | -0.295 | -0.284 | -0.470 | -0.544 | -0.732 |
| 4298.00 | -0.286 | -0.285 | -0.284 | -0.470 | -0.544 | -0.742 |
| 4300.00 | -0.254 | -0.266 | -0.284 | -0.470 | -0.544 | -0.723 |
| 4302.00 | -0.242 | -0.257 | -0.275 | -0.470 | -0.544 | -0.713 |
| 4304.00 | -0.223 | -0.247 | -0.275 | -0.470 | -0.544 | -0.713 |
| 4306.00 | -0.210 | -0.238 | -0.265 | -0.470 | -0.538 | -0.713 |
| 4308.00 | -0.197 | -0.218 | -0.256 | -0.470 | -0.538 | -0.704 |
| 4310.00 | -0.184 | -0.218 | -0.256 | -0.470 | -0.538 | -0.704 |
| 4312.00 | -0.178 | -0.209 | -0.246 | -0.464 | -0.531 | -0.694 |
| 4314.00 | -0.178 | -0.199 | -0.246 | -0.470 | -0.531 | -0.685 |
| 4316.00 | -0.165 | -0.190 | -0.237 | -0.457 | -0.531 | -0.694 |
| 4318.00 | -0.165 | -0.180 | -0.237 | -0.464 | -0.531 | -0.694 |
| 4320.00 | -0.146 | -0.171 | -0.237 | -0.464 | -0.531 | -0.675 |
| 4322.00 | -0.140 | -0.161 | -0.227 | -0.464 | -0.525 | -0.675 |
| 4324.00 | -0.140 | -0.152 | -0.227 | -0.457 | -0.525 | -0.675 |
| 4326.00 | -0.127 | -0.152 | -0.218 | -0.457 | -0.519 | -0.666 |
| 4328.00 | -0.108 | -0.142 | -0.218 | -0.457 | -0.519 | -0.666 |
| 4330.00 | -0.101 | -0.142 | -0.218 | -0.457 | -0.519 | -0.666 |
| 4332.00 | -0.101 | -0.133 | -0.208 | -0.451 | -0.512 | -0.656 |
| 4334.00 | -0.082 | -0.123 | -0.208 | -0.451 | -0.512 | -0.656 |
| 4336.00 | -0.089 | -0.123 | -0.208 | -0.451 | -0.512 | -0.656 |
| 4338.00 | -0.089 | -0.114 | -0.199 | -0.451 | -0.512 | -0.647 |
| 4340.00 | -0.063 | -0.114 | -0.199 | -0.451 | -0.506 | -0.666 |
| 4342.00 | -0.070 | -0.104 | -0.199 | -0.451 | -0.506 | -0.647 |
| 4344.00 | -0.050 | -0.104 | -0.189 | -0.445 | -0.506 | -0.637 |
| 4346.00 | -0.050 | -0.095 | -0.189 | -0.445 | -0.506 | -0.647 |
| 4348.00 | -0.050 | -0.085 | -0.180 | -0.445 | -0.506 | -0.647 |
| 4350.00 | -0.031 | -0.085 | -0.170 | -0.445 | -0.500 | -0.637 |
| 4352.00 | -0.031 | -0.076 | -0.170 | -0.438 | -0.500 | -0.637 |
| 4354.00 | -0.038 | -0.076 | -0.170 | -0.445 | -0.500 | -0.637 |
| 4356.00 | -0.012 | -0.066 | -0.161 | -0.438 | -0.493 | -0.628 |
| 4358.00 | -0.031 | -0.066 | -0.151 | -0.432 | -0.493 | -0.637 |
| 4360.00 | -0.012 | -0.057 | -0.151 | -0.432 | -0.493 | -0.637 |
| 4362.00 | -0.019 | -0.057 | -0.151 | -0.438 | -0.493 | -0.637 |
| 4364.00 | 0.006 | -0.047 | -0.142 | -0.432 | -0.487 | -0.618 |
| 4366.00 | 0.006 | -0.047 | -0.142 | -0.432 | -0.487 | -0.618 |
| 4368.00 | 0.000 | -0.038 | -0.142 | -0.432 | -0.481 | -0.628 |
| 4370.00 | 0.012 | -0.038 | -0.142 | -0.432 | -0.481 | -0.628 |
| 4372.00 | 0.006 | -0.038 | -0.132 | -0.426 | -0.481 | -0.628 |
| 4374.00 | 0.038 | -0.028 | -0.123 | -0.426 | -0.481 | -0.609 |



CHM 003 1394

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 4376.00 | 0.044 | -0.028 | -0.123 | -0.426 | -0.474 | -0.609 |
| 4378.00 | 0.038 | -0.019 | -0.113 | -0.426 | -0.474 | -0.609 |
| 4380.00 | 0.050 | -0.019 | -0.113 | -0.419 | -0.468 | -0.599 |
| 4382.00 | 0.038 | -0.009 | -0.104 | -0.419 | -0.468 | -0.618 |
| 4384.00 | 0.031 | -0.009 | -0.104 | -0.419 | -0.468 | -0.609 |
| 4386.00 | 0.044 | 0.000 | -0.104 | -0.419 | -0.462 | -0.599 |
| 4388.00 | 0.063 | 0.000 | -0.104 | -0.419 | -0.462 | -0.590 |
| 4390.00 | 0.076 | 0.000 | -0.094 | -0.419 | -0.462 | -0.571 |
| 4392.00 | 0.076 | 0.009 | -0.085 | -0.413 | -0.455 | -0.580 |
| 4394.00 | 0.070 | 0.009 | -0.094 | -0.406 | -0.455 | -0.571 |
| 4396.00 | 0.063 | 0.019 | -0.085 | -0.406 | -0.455 | -0.571 |
| 4398.00 | 0.082 | 0.019 | -0.094 | -0.406 | -0.455 | -0.561 |
| 4400.00 | 0.070 | 0.009 | -0.123 | -0.406 | -0.449 | -0.552 |
| 4402.00 | 0.057 | 0.000 | -0.151 | -0.406 | -0.449 | -0.561 |
| 4404.00 | 0.038 | -0.019 | -0.170 | -0.406 | -0.443 | -0.561 |
| 4406.00 | 0.031 | -0.028 | -0.180 | -0.400 | -0.443 | -0.542 |
| 4408.00 | 0.019 | -0.047 | -0.199 | -0.400 | -0.443 | -0.542 |
| 4410.00 | -0.012 | -0.066 | -0.208 | -0.406 | -0.436 | -0.561 |
| 4412.00 | -0.031 | -0.085 | -0.218 | -0.400 | -0.436 | -0.552 |
| 4414.00 | -0.038 | -0.095 | -0.227 | -0.400 | -0.436 | -0.552 |
| 4416.00 | -0.050 | -0.114 | -0.237 | -0.394 | -0.436 | -0.552 |
| 4418.00 | -0.063 | -0.123 | -0.246 | -0.394 | -0.436 | -0.542 |
| 4420.00 | -0.070 | -0.142 | -0.256 | -0.394 | -0.436 | -0.552 |
| 4422.00 | -0.101 | -0.152 | -0.265 | -0.394 | -0.430 | -0.552 |
| 4424.00 | -0.121 | -0.171 | -0.265 | -0.394 | -0.430 | -0.561 |
| 4426.00 | -0.114 | -0.180 | -0.275 | -0.387 | -0.430 | -0.552 |
| 4428.00 | -0.146 | -0.190 | -0.275 | -0.387 | -0.430 | -0.561 |
| 4430.00 | -0.165 | -0.199 | -0.284 | -0.394 | -0.430 | -0.561 |
| 4432.00 | -0.159 | -0.209 | -0.284 | -0.387 | -0.430 | -0.561 |
| 4434.00 | -0.178 | -0.218 | -0.294 | -0.387 | -0.430 | -0.561 |
| 4436.00 | -0.191 | -0.228 | -0.294 | -0.387 | -0.430 | -0.571 |
| 4438.00 | -0.216 | -0.238 | -0.303 | -0.387 | -0.430 | -0.580 |
| 4440.00 | -0.216 | -0.247 | -0.303 | -0.381 | -0.424 | -0.571 |
| 4442.00 | -0.216 | -0.257 | -0.303 | -0.381 | -0.430 | -0.561 |
| 4444.00 | -0.223 | -0.257 | -0.303 | -0.381 | -0.430 | -0.561 |
| 4446.00 | -0.248 | -0.266 | -0.303 | -0.381 | -0.424 | -0.571 |
| 4448.00 | -0.235 | -0.276 | -0.313 | -0.375 | -0.424 | -0.542 |
| 4450.00 | -0.242 | -0.276 | -0.313 | -0.375 | -0.424 | -0.542 |
| 4452.00 | -0.261 | -0.285 | -0.313 | -0.381 | -0.424 | -0.552 |
| 4454.00 | -0.261 | -0.285 | -0.313 | -0.375 | -0.424 | -0.552 |
| 4456.00 | -0.267 | -0.295 | -0.313 | -0.375 | -0.424 | -0.552 |
| 4458.00 | -0.293 | -0.295 | -0.313 | -0.381 | -0.424 | -0.561 |
| 4460.00 | -0.280 | -0.304 | -0.322 | -0.375 | -0.424 | -0.552 |
| 4462.00 | -0.286 | -0.304 | -0.322 | -0.375 | -0.424 | -0.552 |
| 4464.00 | -0.280 | -0.314 | -0.322 | -0.375 | -0.424 | -0.542 |
| 4466.00 | -0.293 | -0.314 | -0.322 | -0.375 | -0.424 | -0.552 |
| 4468.00 | -0.305 | -0.314 | -0.332 | -0.368 | -0.424 | -0.561 |
| 4470.00 | -0.305 | -0.323 | -0.332 | -0.368 | -0.424 | -0.561 |
| 4472.00 | -0.299 | -0.323 | -0.332 | -0.381 | -0.424 | -0.552 |
| 4474.00 | -0.331 | -0.323 | -0.332 | -0.375 | -0.424 | -0.571 |
| 4476.00 | -0.331 | -0.333 | -0.332 | -0.375 | -0.424 | -0.571 |
| 4478.00 | -0.331 | -0.333 | -0.332 | -0.368 | -0.424 | -0.571 |
| 4480.00 | -0.318 | -0.333 | -0.341 | -0.368 | -0.424 | -0.561 |
| 4482.00 | -0.331 | -0.333 | -0.341 | -0.368 | -0.424 | -0.571 |



CHM 003 1395

| Elapsed Time | INPUT 1 | INPUT 2 | INPUT 3 | INPUT 4 | INPUT 5 | INPUT 6 |
|---|---|---|---|---|---|---|
| 4484.00 | -0.337 | -0.342 | -0.341 | -0.368 | -0.424 | -0.571 |
| 4486.00 | -0.337 | -0.342 | -0.341 | -0.368 | -0.424 | -0.580 |
| 4488.00 | -0.344 | -0.342 | -0.341 | -0.368 | -0.424 | -0.580 |
| 4490.00 | -0.356 | -0.352 | -0.341 | -0.368 | -0.424 | -0.590 |

PACKER TESTING ROUND #1 (DMW-11/C-2)
TEST #: 6 PUMP ZONE: 267' - 287' IN C-2

WELL ID: TW-2

SE1000B
Environmental Logger
12/06 14:42

Unit# 03010 Test# 0

INPUT 1: Level (F) TOC

| | |
|---|---|
| Reference | 0.00 |
| Scale factor | 20.04 |
| Offset | 0.00 |

Step# 0 12/03 10:01

| Elapsed Time | Value |
|---|---|
| 0.0000 | 0.00 |
| 2.0000 | 0.00 |
| 4.0000 | 0.00 |
| 6.0000 | 0.00 |
| 8.0000 | 0.00 |
| 10.0000 | 0.00 |
| 12.0000 | 0.00 |
| 14.0000 | 0.00 |
| 16.0000 | 0.00 |
| 18.0000 | 0.00 |
| 20.0000 | 0.00 |
| 22.0000 | 0.01 |
| 24.0000 | 0.01 |
| 26.0000 | 0.01 |
| 28.0000 | 0.01 |
| 30.0000 | 0.00 |
| 32.0000 | 0.00 |
| 34.0000 | 0.01 |
| 36.0000 | 0.00 |
| 38.0000 | 0.01 |
| 40.0000 | 0.00 |
| 42.0000 | 0.00 |
| 44.0000 | 0.00 |
| 46.0000 | 0.00 |
| 48.0000 | 0.00 |
| 50.0000 | 0.00 |
| 52.0000 | 0.00 |
| 54.0000 | 0.00 |
| 56.0000 | 0.00 |
| 58.0000 | 0.00 |
| 60.0000 | 0.00 |
| 62.0000 | 0.00 |
| 64.0000 | 0.00 |
| 66.0000 | 0.00 |
| 68.0000 | 0.00 |



CHM 003 1397

| Elapsed Time | Value |
|---|---|
| 70.0000 | 0.00 |
| 72.0000 | 0.00 |
| 74.0000 | 0.00 |
| 76.0000 | 0.00 |
| 78.0000 | -0.00 |
| 80.0000 | -0.00 |
| 82.0000 | -0.00 |
| 84.0000 | -0.00 |
| 86.0000 | -0.00 |
| 88.0000 | -0.00 |
| 90.0000 | -0.01 |
| 92.0000 | -0.01 |
| 94.0000 | -0.00 |
| 96.0000 | -0.01 |
| 98.0000 | -0.01 |
| 100.000 | -0.01 |
| 102.000 | -0.01 |
| 104.000 | -0.01 |
| 106.000 | -0.01 |
| 108.000 | -0.01 |
| 110.000 | -0.01 |
| 112.000 | -0.01 |
| 114.000 | -0.01 |
| 116.000 | -0.00 |
| 118.000 | -0.00 |
| 120.000 | -0.00 |
| 122.000 | -0.00 |
| 124.000 | -0.00 |
| 126.000 | -0.00 |
| 128.000 | -0.00 |
| 130.000 | -0.00 |
| 132.000 | -0.00 |
| 134.000 | -0.00 |
| 136.000 | -0.01 |
| 138.000 | -0.01 |
| 140.000 | -0.00 |
| 142.000 | -0.00 |
| 144.000 | -0.00 |
| 146.000 | -0.00 |
| 148.000 | -0.01 |
| 150.000 | -0.00 |
| 152.000 | -0.00 |
| 154.000 | -0.00 |
| 156.000 | -0.00 |
| 158.000 | -0.00 |
| 160.000 | -0.00 |
| 162.000 | 0.00 |
| 164.000 | 0.00 |
| 166.000 | 0.00 |
| 168.000 | 0.00 |
| 170.000 | 0.00 |
| 172.000 | 0.00 |
| 174.000 | 0.00 |
| 176.000 | 0.00 |



CHM 003 1398

| Elapsed Time | Value |
|---|---|
| 178.000 | 0.00 |
| 180.000 | 0.00 |
| 182.000 | 0.00 |
| 184.000 | 0.00 |
| 186.000 | 0.00 |
| 188.000 | 0.00 |
| 190.000 | 0.00 |
| 192.000 | 0.00 |
| 194.000 | 0.00 |
| 196.000 | 0.00 |
| 198.000 | -0.00 |
| 200.000 | 0.00 |
| 202.000 | 0.00 |
| 204.000 | 0.00 |
| 206.000 | 0.00 |
| 208.000 | 0.00 |
| 210.000 | 0.01 |
| 212.000 | 0.01 |
| 214.000 | 0.01 |
| 216.000 | 0.02 |
| 218.000 | 0.02 |
| 220.000 | 0.01 |
| 222.000 | 0.01 |
| 224.000 | 0.00 |
| 226.000 | 0.00 |
| 228.000 | 0.00 |
| 230.000 | 0.00 |
| 232.000 | 0.00 |
| 234.000 | 0.00 |
| 236.000 | -0.00 |
| 238.000 | 0.00 |
| 240.000 | -0.00 |
| 242.000 | -0.00 |
| 244.000 | -0.01 |
| 246.000 | -0.01 |
| 248.000 | -0.01 |
| 250.000 | -0.01 |
| 252.000 | -0.00 |
| 254.000 | -0.00 |
| 256.000 | 0.00 |
| 258.000 | 0.00 |
| 260.000 | -0.01 |
| 262.000 | 0.00 |
| 264.000 | 0.00 |
| 266.000 | 0.00 |
| 268.000 | 0.00 |
| 270.000 | 0.00 |
| 272.000 | 0.00 |
| 274.000 | 0.01 |
| 276.000 | 0.01 |
| 278.000 | 0.02 |
| 280.000 | 0.02 |
| 282.000 | 0.03 |
| 284.000 | 0.03 |



CHM 003 1399

| Elapsed Time | Value |
|---|---|
| 286.000 | 0.04 |
| 288.000 | 0.04 |
| 290.000 | 0.04 |
| 292.000 | 0.04 |
| 294.000 | 0.04 |
| 296.000 | 0.05 |
| 298.000 | 0.05 |
| 300.000 | 0.05 |
| 302.000 | 0.05 |
| 304.000 | 0.05 |
| 306.000 | 0.05 |
| 308.000 | 0.05 |
| 310.000 | 0.05 |
| 312.000 | 0.05 |
| 314.000 | 0.06 |
| 316.000 | 0.06 |
| 318.000 | 0.06 |
| 320.000 | 0.05 |
| 322.000 | 0.05 |
| 324.000 | 0.05 |
| 326.000 | 0.05 |
| 328.000 | 0.04 |
| 330.000 | 0.04 |
| 332.000 | 0.03 |
| 334.000 | 0.03 |
| 336.000 | 0.03 |
| 338.000 | 0.03 |
| 340.000 | 0.03 |
| 342.000 | 0.03 |
| 344.000 | 0.03 |
| 346.000 | 0.03 |
| 348.000 | 0.03 |
| 350.000 | 0.03 |
| 352.000 | 0.03 |
| 354.000 | 0.02 |
| 356.000 | 0.02 |
| 358.000 | 0.02 |
| 360.000 | 0.02 |
| 362.000 | 0.02 |
| 364.000 | 0.01 |
| 366.000 | 0.01 |
| 368.000 | 0.01 |
| 370.000 | 0.01 |
| 372.000 | 0.01 |
| 374.000 | 0.01 |
| 376.000 | 0.01 |
| 378.000 | 0.01 |
| 380.000 | 0.01 |
| 382.000 | 0.01 |
| 384.000 | 0.01 |
| 386.000 | 0.01 |
| 388.000 | 0.00 |
| 390.000 | 0.01 |
| 392.000 | 0.01 |

| Elapsed Time | Value |
|---|---|
| 394.000 | 0.01 |
| 396.000 | 0.01 |
| 398.000 | 0.01 |
| 400.000 | 0.01 |
| 402.000 | 0.01 |
| 404.000 | 0.01 |
| 406.000 | 0.00 |
| 408.000 | 0.00 |
| 410.000 | 0.00 |
| 412.000 | 0.00 |
| 414.000 | 0.00 |
| 416.000 | 0.00 |
| 418.000 | 0.00 |
| 420.000 | 0.00 |
| 422.000 | 0.00 |
| 424.000 | 0.00 |
| 426.000 | 0.00 |
| 428.000 | 0.00 |
| 430.000 | 0.00 |
| 432.000 | 0.00 |
| 434.000 | 0.00 |
| 436.000 | 0.00 |
| 438.000 | 0.00 |
| 440.000 | 0.00 |
| 442.000 | 0.00 |
| 444.000 | 0.00 |
| 446.000 | 0.00 |
| 448.000 | 0.00 |
| 450.000 | 0.00 |
| 452.000 | 0.01 |
| 454.000 | 0.00 |
| 456.000 | 0.01 |
| 458.000 | 0.01 |
| 460.000 | 0.00 |
| 462.000 | 0.00 |
| 464.000 | 0.00 |
| 466.000 | 0.00 |
| 468.000 | 0.00 |
| 470.000 | 0.00 |
| 472.000 | 0.00 |
| 474.000 | 0.00 |
| 476.000 | 0.00 |
| 478.000 | 0.00 |
| 480.000 | 0.00 |
| 482.000 | 0.00 |
| 484.000 | 0.00 |
| 486.000 | 0.00 |
| 488.000 | 0.00 |
| 490.000 | 0.00 |
| 492.000 | 0.00 |
| 494.000 | 0.01 |
| 496.000 | 0.01 |
| 498.000 | 0.01 |
| 500.000 | 0.01 |



CHM 003 1401

| Elapsed Time | Value |
|---|---|
| 502.000 | 0.01 |
| 504.000 | 0.01 |
| 506.000 | 0.01 |
| 508.000 | 0.01 |
| 510.000 | 0.00 |
| 512.000 | 0.00 |
| 514.000 | 0.00 |
| 516.000 | 0.00 |
| 518.000 | 0.00 |
| 520.000 | 0.00 |
| 522.000 | 0.00 |
| 524.000 | 0.00 |
| 526.000 | 0.00 |
| 528.000 | 0.00 |
| 530.000 | 0.00 |
| 532.000 | 0.00 |
| 534.000 | 0.00 |
| 536.000 | 0.00 |
| 538.000 | 0.00 |
| 540.000 | 0.01 |
| 542.000 | 0.01 |
| 544.000 | 0.01 |
| 546.000 | 0.01 |
| 548.000 | 0.01 |
| 550.000 | 0.01 |
| 552.000 | 0.01 |
| 554.000 | 0.01 |
| 556.000 | 0.01 |
| 558.000 | 0.01 |
| 560.000 | 0.01 |
| 562.000 | 0.01 |
| 564.000 | 0.01 |
| 566.000 | 0.01 |
| 568.000 | 0.01 |
| 570.000 | 0.01 |
| 572.000 | 0.01 |
| 574.000 | 0.01 |
| 576.000 | 0.01 |
| 578.000 | 0.01 |
| 580.000 | 0.01 |
| 582.000 | 0.01 |
| 584.000 | 0.01 |
| 586.000 | 0.01 |
| 588.000 | 0.01 |
| 590.000 | 0.01 |
| 592.000 | 0.01 |
| 594.000 | 0.01 |
| 596.000 | 0.01 |
| 598.000 | 0.01 |
| 600.000 | 0.01 |
| 602.000 | 0.01 |
| 604.000 | 0.01 |
| 606.000 | 0.01 |
| 608.000 | 0.01 |



CHM 003 1402

| Elapsed Time | Value |
|---|---|
| 610.000 | 0.01 |
| 612.000 | 0.01 |
| 614.000 | 0.01 |
| 616.000 | 0.01 |
| 618.000 | 0.01 |
| 620.000 | 0.01 |
| 622.000 | 0.01 |
| 624.000 | 0.01 |
| 626.000 | 0.01 |
| 628.000 | 0.01 |
| 630.000 | 0.01 |
| 632.000 | 0.01 |
| 634.000 | 0.01 |
| 636.000 | 0.01 |
| 638.000 | 0.01 |
| 640.000 | 0.01 |
| 642.000 | 0.01 |
| 644.000 | 0.01 |
| 646.000 | 0.01 |
| 648.000 | 0.01 |
| 650.000 | 0.01 |
| 652.000 | 0.01 |
| 654.000 | 0.01 |
| 656.000 | 0.01 |
| 658.000 | 0.01 |
| 660.000 | 0.01 |
| 662.000 | 0.01 |
| 664.000 | 0.01 |
| 666.000 | 0.01 |
| 668.000 | 0.01 |
| 670.000 | 0.01 |
| 672.000 | 0.01 |
| 674.000 | 0.01 |
| 676.000 | 0.01 |
| 678.000 | 0.01 |
| 680.000 | 0.01 |
| 682.000 | 0.01 |
| 684.000 | 0.01 |
| 686.000 | 0.01 |
| 688.000 | 0.01 |
| 690.000 | 0.01 |
| 692.000 | 0.01 |
| 694.000 | 0.01 |
| 696.000 | 0.01 |
| 698.000 | 0.01 |
| 700.000 | 0.01 |
| 702.000 | 0.01 |
| 704.000 | 0.01 |
| 706.000 | 0.01 |
| 708.000 | 0.01 |
| 710.000 | 0.01 |
| 712.000 | 0.01 |
| 714.000 | 0.01 |
| 716.000 | 0.01 |



CHM 003 1403

| Elapsed Time | Value |
|---|---|
| 718.000 | 0.01 |
| 720.000 | 0.01 |
| 722.000 | 0.01 |
| 724.000 | 0.01 |
| 726.000 | 0.01 |
| 728.000 | 0.01 |
| 730.000 | 0.01 |
| 732.000 | 0.01 |
| 734.000 | 0.01 |
| 736.000 | 0.01 |
| 738.000 | 0.01 |
| 740.000 | 0.01 |
| 742.000 | 0.02 |
| 744.000 | 0.02 |
| 746.000 | 0.02 |
| 748.000 | 0.02 |
| 750.000 | 0.02 |
| 752.000 | 0.02 |
| 754.000 | 0.02 |
| 756.000 | 0.02 |
| 758.000 | 0.02 |
| 760.000 | 0.02 |
| 762.000 | 0.02 |
| 764.000 | 0.02 |
| 766.000 | 0.02 |
| 768.000 | 0.02 |
| 770.000 | 0.02 |
| 772.000 | 0.02 |
| 774.000 | 0.02 |
| 776.000 | 0.02 |
| 778.000 | 0.02 |
| 780.000 | 0.02 |
| 782.000 | 0.02 |
| 784.000 | 0.02 |
| 786.000 | 0.02 |
| 788.000 | 0.03 |
| 790.000 | 0.03 |
| 792.000 | 0.03 |
| 794.000 | 0.03 |
| 796.000 | 0.03 |
| 798.000 | 0.03 |
| 800.000 | 0.03 |
| 802.000 | 0.03 |
| 804.000 | 0.03 |
| 806.000 | 0.03 |
| 808.000 | 0.02 |
| 810.000 | 0.02 |
| 812.000 | 0.02 |
| 814.000 | 0.02 |
| 816.000 | 0.02 |
| 818.000 | 0.02 |
| 820.000 | 0.02 |
| 822.000 | 0.02 |
| 824.000 | 0.03 |



CHM 003 1404

| Elapsed Time | Value |
|---|---|
| 826.000 | 0.03 |
| 828.000 | 0.03 |
| 830.000 | 0.02 |
| 832.000 | 0.03 |
| 834.000 | 0.03 |
| 836.000 | 0.03 |
| 838.000 | 0.03 |
| 840.000 | 0.03 |
| 842.000 | 0.03 |
| 844.000 | 0.03 |
| 846.000 | 0.03 |
| 848.000 | 0.03 |
| 850.000 | 0.03 |
| 852.000 | 0.03 |
| 854.000 | 0.03 |
| 856.000 | 0.03 |
| 858.000 | 0.03 |
| 860.000 | 0.03 |
| 862.000 | 0.03 |
| 864.000 | 0.03 |
| 866.000 | 0.03 |
| 868.000 | 0.03 |
| 870.000 | 0.03 |
| 872.000 | 0.03 |
| 874.000 | 0.03 |
| 876.000 | 0.03 |
| 878.000 | 0.03 |
| 880.000 | 0.03 |
| 882.000 | 0.03 |
| 884.000 | 0.03 |
| 886.000 | 0.03 |
| 888.000 | 0.03 |
| 890.000 | 0.03 |
| 892.000 | 0.03 |
| 894.000 | 0.03 |
| 896.000 | 0.03 |
| 898.000 | 0.03 |
| 900.000 | 0.03 |
| 902.000 | 0.03 |
| 904.000 | 0.03 |
| 906.000 | 0.03 |
| 908.000 | 0.03 |
| 910.000 | 0.03 |
| 912.000 | 0.03 |
| 914.000 | 0.03 |
| 916.000 | 0.03 |
| 918.000 | 0.03 |
| 920.000 | 0.03 |
| 922.000 | 0.03 |
| 924.000 | 0.03 |
| 926.000 | 0.03 |
| 928.000 | 0.03 |
| 930.000 | 0.03 |
| 932.000 | 0.03 |



CHM 003 1405

| Elapsed Time | Value |
|---|---|
| 934.000 | 0.03 |
| 936.000 | 0.03 |
| 938.000 | 0.03 |
| 940.000 | 0.03 |
| 942.000 | 0.03 |
| 944.000 | 0.03 |
| 946.000 | 0.03 |
| 948.000 | 0.03 |
| 950.000 | 0.03 |
| 952.000 | 0.03 |
| 954.000 | 0.03 |
| 956.000 | 0.03 |
| 958.000 | 0.03 |
| 960.000 | 0.03 |
| 962.000 | 0.03 |
| 964.000 | 0.03 |
| 966.000 | 0.03 |
| 968.000 | 0.03 |
| 970.000 | 0.03 |
| 972.000 | 0.03 |
| 974.000 | 0.03 |
| 976.000 | 0.03 |
| 978.000 | 0.03 |
| 980.000 | 0.03 |
| 982.000 | 0.03 |
| 984.000 | 0.03 |
| 986.000 | 0.04 |
| 988.000 | 0.04 |
| 990.000 | 0.04 |
| 992.000 | 0.04 |
| 994.000 | 0.03 |
| 996.000 | 0.03 |
| 998.000 | 0.03 |
| 1000.00 | 0.03 |
| 1002.00 | 0.03 |
| 1004.00 | 0.03 |
| 1006.00 | 0.03 |
| 1008.00 | 0.03 |
| 1010.00 | 0.03 |
| 1012.00 | 0.03 |
| 1014.00 | 0.03 |
| 1016.00 | 0.03 |
| 1018.00 | 0.03 |
| 1020.00 | 0.03 |
| 1022.00 | 0.03 |
| 1024.00 | 0.03 |
| 1026.00 | 0.02 |
| 1028.00 | 0.02 |
| 1030.00 | 0.03 |
| 1032.00 | 0.03 |
| 1034.00 | 0.03 |
| 1036.00 | 0.03 |
| 1038.00 | 0.03 |
| 1040.00 | 0.02 |



CHM 003 1406

| Elapsed Time | Value |
|---|---|
| 1042.00 | 0.03 |
| 1044.00 | 0.02 |
| 1046.00 | 0.02 |
| 1048.00 | 0.02 |
| 1050.00 | 0.02 |
| 1052.00 | 0.02 |
| 1054.00 | 0.02 |
| 1056.00 | 0.02 |
| 1058.00 | 0.02 |
| 1060.00 | 0.01 |
| 1062.00 | 0.01 |
| 1064.00 | 0.01 |
| 1066.00 | 0.01 |
| 1068.00 | 0.01 |
| 1070.00 | 0.01 |
| 1072.00 | 0.01 |
| 1074.00 | 0.01 |
| 1076.00 | 0.01 |
| 1078.00 | 0.01 |
| 1080.00 | 0.01 |
| 1082.00 | 0.02 |
| 1084.00 | 0.01 |
| 1086.00 | 0.01 |
| 1088.00 | 0.02 |
| 1090.00 | 0.02 |
| 1092.00 | 0.01 |
| 1094.00 | 0.01 |
| 1096.00 | 0.01 |
| 1098.00 | 0.01 |
| 1100.00 | 0.01 |
| 1102.00 | 0.01 |
| 1104.00 | 0.01 |
| 1106.00 | 0.01 |
| 1108.00 | 0.01 |
| 1110.00 | 0.01 |
| 1112.00 | 0.01 |
| 1114.00 | 0.01 |
| 1116.00 | 0.01 |
| 1118.00 | 0.01 |
| 1120.00 | 0.01 |
| 1122.00 | 0.01 |
| 1124.00 | 0.01 |
| 1126.00 | 0.01 |
| 1128.00 | 0.01 |
| 1130.00 | 0.01 |
| 1132.00 | 0.01 |
| 1134.00 | 0.01 |
| 1136.00 | 0.01 |
| 1138.00 | 0.01 |
| 1140.00 | 0.01 |
| 1142.00 | 0.01 |
| 1144.00 | 0.01 |
| 1146.00 | 0.01 |
| 1148.00 | 0.01 |



CHM 003 1407

| Elapsed Time | Value |
|---|---|
| 1150.00 | 0.01 |
| 1152.00 | 0.01 |
| 1154.00 | 0.01 |
| 1156.00 | 0.01 |
| 1158.00 | 0.01 |
| 1160.00 | 0.00 |
| 1162.00 | 0.00 |
| 1164.00 | 0.00 |
| 1166.00 | 0.00 |
| 1168.00 | 0.00 |
| 1170.00 | 0.00 |
| 1172.00 | 0.00 |
| 1174.00 | 0.00 |
| 1176.00 | 0.00 |
| 1178.00 | 0.00 |
| 1180.00 | 0.00 |
| 1182.00 | 0.00 |
| 1184.00 | 0.00 |
| 1186.00 | 0.00 |
| 1188.00 | 0.00 |
| 1190.00 | 0.00 |
| 1192.00 | 0.00 |
| 1194.00 | 0.00 |
| 1196.00 | 0.00 |
| 1198.00 | 0.00 |
| 1200.00 | 0.00 |
| 1202.00 | 0.00 |
| 1204.00 | 0.00 |
| 1206.00 | -0.00 |
| 1208.00 | -0.00 |
| 1210.00 | -0.00 |
| 1212.00 | -0.00 |
| 1214.00 | -0.00 |
| 1216.00 | -0.00 |
| 1218.00 | -0.00 |
| 1220.00 | -0.00 |
| 1222.00 | -0.00 |
| 1224.00 | -0.00 |
| 1226.00 | -0.00 |
| 1228.00 | -0.00 |
| 1230.00 | -0.00 |
| 1232.00 | -0.00 |
| 1234.00 | -0.00 |
| 1236.00 | -0.00 |
| 1238.00 | -0.00 |
| 1240.00 | -0.01 |
| 1242.00 | -0.01 |
| 1244.00 | -0.01 |
| 1246.00 | -0.01 |
| 1248.00 | -0.01 |
| 1250.00 | -0.01 |
| 1252.00 | -0.01 |
| 1254.00 | -0.01 |
| 1256.00 | -0.01 |

| Elapsed Time | Value |
|---|---|
| 1258.00 | -0.01 |
| 1260.00 | -0.01 |
| 1262.00 | -0.01 |
| 1264.00 | -0.01 |
| 1266.00 | -0.01 |
| 1268.00 | -0.01 |
| 1270.00 | -0.01 |
| 1272.00 | -0.01 |
| 1274.00 | -0.01 |
| 1276.00 | -0.01 |
| 1278.00 | -0.01 |
| 1280.00 | -0.01 |
| 1282.00 | -0.00 |
| 1284.00 | -0.00 |
| 1286.00 | -0.00 |
| 1288.00 | -0.00 |
| 1290.00 | -0.00 |
| 1292.00 | -0.00 |
| 1294.00 | -0.00 |
| 1296.00 | -0.00 |
| 1298.00 | -0.00 |
| 1300.00 | -0.00 |
| 1302.00 | -0.00 |
| 1304.00 | -0.00 |
| 1306.00 | -0.00 |
| 1308.00 | -0.00 |
| 1310.00 | -0.00 |
| 1312.00 | -0.00 |
| 1314.00 | -0.00 |
| 1316.00 | -0.00 |
| 1318.00 | -0.00 |
| 1320.00 | -0.00 |
| 1322.00 | -0.01 |
| 1324.00 | -0.01 |
| 1326.00 | -0.00 |
| 1328.00 | -0.00 |
| 1330.00 | -0.00 |
| 1332.00 | -0.00 |
| 1334.00 | -0.00 |
| 1336.00 | -0.00 |
| 1338.00 | -0.00 |
| 1340.00 | -0.00 |
| 1342.00 | -0.00 |
| 1344.00 | -0.00 |
| 1346.00 | -0.00 |
| 1348.00 | -0.00 |
| 1350.00 | -0.00 |
| 1352.00 | -0.00 |
| 1354.00 | -0.01 |
| 1356.00 | -0.01 |
| 1358.00 | -0.01 |
| 1360.00 | -0.01 |
| 1362.00 | -0.01 |
| 1364.00 | -0.01 |



CHM 003 1409

| Elapsed Time | Value |
|---|---|
| 1366.00 | -0.01 |
| 1368.00 | -0.01 |
| 1370.00 | -0.01 |
| 1372.00 | -0.00 |
| 1374.00 | -0.00 |
| 1376.00 | -0.00 |
| 1378.00 | -0.00 |
| 1380.00 | -0.01 |
| 1382.00 | -0.01 |
| 1384.00 | -0.01 |
| 1386.00 | -0.01 |
| 1388.00 | -0.00 |
| 1390.00 | -0.00 |
| 1392.00 | -0.00 |
| 1394.00 | 0.00 |
| 1396.00 | 0.00 |
| 1398.00 | 0.00 |
| 1400.00 | 0.01 |
| 1402.00 | 0.01 |
| 1404.00 | 0.02 |
| 1406.00 | 0.02 |
| 1408.00 | 0.03 |
| 1410.00 | 0.03 |
| 1412.00 | 0.03 |
| 1414.00 | 0.03 |
| 1416.00 | 0.04 |
| 1418.00 | 0.04 |
| 1420.00 | 0.04 |
| 1422.00 | 0.04 |
| 1424.00 | 0.04 |
| 1426.00 | 0.03 |
| 1428.00 | 0.03 |
| 1430.00 | 0.03 |
| 1432.00 | 0.03 |
| 1434.00 | 0.03 |
| 1436.00 | 0.02 |
| 1438.00 | 0.02 |
| 1440.00 | 0.02 |
| 1442.00 | 0.02 |
| 1444.00 | 0.01 |
| 1446.00 | 0.01 |
| 1448.00 | 0.01 |
| 1450.00 | 0.01 |
| 1452.00 | 0.01 |
| 1454.00 | 0.01 |
| 1456.00 | 0.01 |
| 1458.00 | 0.01 |
| 1460.00 | 0.01 |
| 1462.00 | 0.01 |
| 1464.00 | 0.01 |
| 1466.00 | 0.01 |
| 1468.00 | 0.01 |
| 1470.00 | 0.01 |
| 1472.00 | 0.01 |

| Elapsed Time | Value |
|---|---|
| 1474.00 | 0.01 |
| 1476.00 | 0.00 |
| 1478.00 | 0.00 |
| 1480.00 | 0.00 |
| 1482.00 | 0.00 |
| 1484.00 | 0.00 |
| 1486.00 | 0.00 |
| 1488.00 | 0.00 |
| 1490.00 | 0.00 |
| 1492.00 | -0.00 |
| 1494.00 | -0.00 |
| 1496.00 | -0.00 |
| 1498.00 | -0.00 |
| 1500.00 | -0.01 |
| 1502.00 | -0.01 |
| 1504.00 | -0.01 |
| 1506.00 | -0.01 |
| 1508.00 | -0.01 |
| 1510.00 | -0.01 |
| 1512.00 | -0.01 |
| 1514.00 | -0.01 |
| 1516.00 | -0.01 |
| 1518.00 | -0.01 |
| 1520.00 | -0.01 |
| 1522.00 | -0.01 |
| 1524.00 | -0.01 |
| 1526.00 | -0.01 |
| 1528.00 | -0.01 |
| 1530.00 | -0.02 |
| 1532.00 | -0.02 |
| 1534.00 | -0.02 |
| 1536.00 | -0.02 |
| 1538.00 | -0.02 |
| 1540.00 | -0.01 |
| 1542.00 | -0.02 |
| 1544.00 | -0.02 |
| 1546.00 | -0.01 |
| 1548.00 | -0.01 |
| 1550.00 | -0.01 |
| 1552.00 | -0.02 |
| 1554.00 | -0.02 |
| 1556.00 | -0.02 |
| 1558.00 | -0.02 |
| 1560.00 | -0.01 |
| 1562.00 | -0.01 |
| 1564.00 | -0.01 |
| 1566.00 | -0.02 |
| 1568.00 | -0.02 |
| 1570.00 | -0.02 |
| 1572.00 | -0.02 |
| 1574.00 | -0.03 |
| 1576.00 | -0.03 |
| 1578.00 | -0.03 |
| 1580.00 | -0.03 |



CHM 003 1411

| Elapsed Time | Value |
|---|---|
| 1582.00 | -0.03 |
| 1584.00 | -0.03 |
| 1586.00 | -0.03 |
| 1588.00 | -0.03 |
| 1590.00 | -0.03 |
| 1592.00 | -0.03 |
| 1594.00 | -0.04 |
| 1596.00 | -0.04 |
| 1598.00 | -0.04 |
| 1600.00 | -0.04 |
| 1602.00 | -0.04 |
| 1604.00 | -0.05 |
| 1606.00 | -0.04 |
| 1608.00 | -0.04 |
| 1610.00 | -0.04 |
| 1612.00 | -0.04 |
| 1614.00 | -0.04 |
| 1616.00 | -0.04 |
| 1618.00 | -0.03 |
| 1620.00 | -0.03 |
| 1622.00 | -0.04 |
| 1624.00 | -0.04 |
| 1626.00 | -0.04 |
| 1628.00 | -0.04 |
| 1630.00 | -0.04 |
| 1632.00 | -0.04 |
| 1634.00 | -0.04 |
| 1636.00 | -0.05 |
| 1638.00 | -0.04 |
| 1640.00 | -0.04 |
| 1642.00 | -0.05 |
| 1644.00 | -0.05 |
| 1646.00 | -0.05 |
| 1648.00 | -0.05 |
| 1650.00 | -0.05 |
| 1652.00 | -0.05 |
| 1654.00 | -0.05 |
| 1656.00 | -0.05 |
| 1658.00 | -0.05 |
| 1660.00 | -0.05 |
| 1662.00 | -0.05 |
| 1664.00 | -0.05 |
| 1666.00 | -0.05 |
| 1668.00 | -0.05 |
| 1670.00 | -0.05 |
| 1672.00 | -0.05 |
| 1674.00 | -0.05 |
| 1676.00 | -0.05 |
| 1678.00 | -0.05 |
| 1680.00 | -0.05 |
| 1682.00 | -0.05 |
| 1684.00 | -0.05 |
| 1686.00 | -0.05 |
| 1688.00 | -0.05 |

| Elapsed Time | Value |
|---|---|
| 1690.00 | -0.05 |
| 1692.00 | -0.06 |
| 1694.00 | -0.06 |
| 1696.00 | -0.06 |
| 1698.00 | -0.06 |
| 1700.00 | -0.06 |
| 1702.00 | -0.06 |
| 1704.00 | -0.06 |
| 1706.00 | -0.05 |
| 1708.00 | -0.06 |
| 1710.00 | -0.06 |
| 1712.00 | -0.06 |
| 1714.00 | -0.06 |
| 1716.00 | -0.06 |
| 1718.00 | -0.06 |
| 1720.00 | -0.06 |
| 1722.00 | -0.06 |
| 1724.00 | -0.06 |
| 1726.00 | -0.06 |
| 1728.00 | -0.06 |
| 1730.00 | -0.06 |
| 1732.00 | -0.06 |
| 1734.00 | -0.06 |
| 1736.00 | -0.06 |
| 1738.00 | -0.06 |
| 1740.00 | -0.06 |
| 1742.00 | -0.06 |
| 1744.00 | -0.07 |
| 1746.00 | -0.07 |
| 1748.00 | -0.07 |
| 1750.00 | -0.06 |
| 1752.00 | -0.06 |
| 1754.00 | -0.06 |
| 1756.00 | -0.06 |
| 1758.00 | -0.06 |
| 1760.00 | -0.06 |
| 1762.00 | -0.06 |
| 1764.00 | -0.06 |
| 1766.00 | -0.06 |
| 1768.00 | -0.07 |
| 1770.00 | -0.07 |
| 1772.00 | -0.07 |
| 1774.00 | -0.07 |
| 1776.00 | -0.07 |
| 1778.00 | -0.07 |
| 1780.00 | -0.07 |
| 1782.00 | -0.07 |
| 1784.00 | -0.08 |
| 1786.00 | -0.08 |
| 1788.00 | -0.08 |
| 1790.00 | -0.08 |
| 1792.00 | -0.08 |
| 1794.00 | -0.08 |
| 1796.00 | -0.08 |



CHM 003 1413

| Elapsed Time | Value |
|---|---|
| 1798.00 | -0.08 |
| 1800.00 | -0.08 |
| 1802.00 | -0.08 |
| 1804.00 | -0.08 |
| 1806.00 | -0.07 |
| 1808.00 | -0.08 |
| 1810.00 | -0.08 |
| 1812.00 | -0.08 |
| 1814.00 | -0.08 |
| 1816.00 | -0.08 |
| 1818.00 | -0.08 |
| 1820.00 | -0.08 |
| 1822.00 | -0.08 |
| 1824.00 | -0.08 |
| 1826.00 | -0.08 |
| 1828.00 | -0.08 |
| 1830.00 | -0.08 |
| 1832.00 | -0.08 |
| 1834.00 | -0.09 |
| 1836.00 | -0.09 |
| 1838.00 | -0.09 |
| 1840.00 | -0.09 |
| 1842.00 | -0.09 |
| 1844.00 | -0.09 |
| 1846.00 | -0.09 |
| 1848.00 | -0.09 |
| 1850.00 | -0.08 |
| 1852.00 | -0.08 |
| 1854.00 | -0.08 |
| 1856.00 | -0.08 |
| 1858.00 | -0.09 |
| 1860.00 | -0.09 |
| 1862.00 | -0.08 |
| 1864.00 | -0.09 |
| 1866.00 | -0.09 |
| 1868.00 | -0.09 |
| 1870.00 | -0.09 |
| 1872.00 | -0.09 |
| 1874.00 | -0.10 |
| 1876.00 | -0.10 |
| 1878.00 | -0.10 |
| 1880.00 | -0.10 |
| 1882.00 | -0.10 |
| 1884.00 | -0.10 |
| 1886.00 | -0.10 |
| 1888.00 | -0.10 |
| 1890.00 | -0.10 |
| 1892.00 | -0.10 |
| 1894.00 | -0.10 |
| 1896.00 | -0.10 |
| 1898.00 | -0.10 |
| 1900.00 | -0.10 |
| 1902.00 | -0.10 |
| 1904.00 | -0.10 |



CHM 003 1414

| Elapsed Time | Value |
|---|---|
| 1906.00 | -0.10 |
| 1908.00 | -0.10 |
| 1910.00 | -0.10 |
| 1912.00 | -0.10 |
| 1914.00 | -0.10 |
| 1916.00 | -0.10 |
| 1918.00 | -0.10 |
| 1920.00 | -0.10 |
| 1922.00 | -0.10 |
| 1924.00 | -0.10 |
| 1926.00 | -0.10 |
| 1928.00 | -0.10 |
| 1930.00 | -0.10 |
| 1932.00 | -0.10 |
| 1934.00 | -0.10 |
| 1936.00 | -0.11 |
| 1938.00 | -0.11 |
| 1940.00 | -0.11 |
| 1942.00 | -0.12 |
| 1944.00 | -0.11 |
| 1946.00 | -0.12 |
| 1948.00 | -0.12 |
| 1950.00 | -0.12 |
| 1952.00 | -0.12 |
| 1954.00 | -0.12 |
| 1956.00 | -0.12 |
| 1958.00 | -0.12 |
| 1960.00 | -0.12 |
| 1962.00 | -0.12 |
| 1964.00 | -0.12 |
| 1966.00 | -0.12 |
| 1968.00 | -0.12 |
| 1970.00 | -0.12 |
| 1972.00 | -0.12 |
| 1974.00 | -0.12 |
| 1976.00 | -0.12 |
| 1978.00 | -0.12 |
| 1980.00 | -0.12 |
| 1982.00 | -0.12 |
| 1984.00 | -0.12 |
| 1986.00 | -0.12 |
| 1988.00 | -0.12 |
| 1990.00 | -0.12 |
| 1992.00 | -0.13 |
| 1994.00 | -0.13 |
| 1996.00 | -0.13 |
| 1998.00 | -0.13 |
| 2000.00 | -0.13 |
| 2002.00 | -0.13 |
| 2004.00 | -0.13 |
| 2006.00 | -0.13 |
| 2008.00 | -0.13 |
| 2010.00 | -0.13 |
| 2012.00 | -0.13 |



CHM 003 1415

| Elapsed Time | Value |
|---|---|
| 2014.00 | -0.13 |
| 2016.00 | -0.13 |
| 2018.00 | -0.13 |
| 2020.00 | -0.13 |
| 2022.00 | -0.14 |
| 2024.00 | -0.14 |
| 2026.00 | -0.14 |
| 2028.00 | -0.14 |
| 2030.00 | -0.15 |
| 2032.00 | -0.15 |
| 2034.00 | -0.15 |
| 2036.00 | -0.15 |
| 2038.00 | -0.15 |
| 2040.00 | -0.15 |
| 2042.00 | -0.14 |
| 2044.00 | -0.14 |
| 2046.00 | -0.14 |
| 2048.00 | -0.14 |
| 2050.00 | -0.14 |
| 2052.00 | -0.14 |
| 2054.00 | -0.14 |
| 2056.00 | -0.14 |
| 2058.00 | -0.14 |
| 2060.00 | -0.14 |
| 2062.00 | -0.14 |
| 2064.00 | -0.15 |
| 2066.00 | -0.15 |
| 2068.00 | -0.14 |
| 2070.00 | -0.15 |
| 2072.00 | -0.15 |
| 2074.00 | -0.14 |
| 2076.00 | -0.15 |
| 2078.00 | -0.15 |
| 2080.00 | -0.15 |
| 2082.00 | -0.15 |
| 2084.00 | -0.15 |
| 2086.00 | -0.15 |
| 2088.00 | -0.15 |
| 2090.00 | -0.15 |
| 2092.00 | -0.15 |
| 2094.00 | -0.15 |
| 2096.00 | -0.15 |
| 2098.00 | -0.15 |
| 2100.00 | -0.16 |
| 2102.00 | -0.16 |
| 2104.00 | -0.16 |
| 2106.00 | -0.16 |
| 2108.00 | -0.17 |
| 2110.00 | -0.17 |
| 2112.00 | -0.17 |
| 2114.00 | -0.17 |
| 2116.00 | -0.17 |
| 2118.00 | -0.17 |
| 2120.00 | -0.17 |



CHM 003 1416

| Elapsed Time | Value |
|---|---|
| 2122.00 | -0.17 |
| 2124.00 | -0.17 |
| 2126.00 | -0.17 |
| 2128.00 | -0.17 |
| 2130.00 | -0.17 |
| 2132.00 | -0.17 |
| 2134.00 | -0.17 |
| 2136.00 | -0.17 |
| 2138.00 | -0.17 |
| 2140.00 | -0.17 |
| 2142.00 | -0.18 |
| 2144.00 | -0.18 |
| 2146.00 | -0.18 |
| 2148.00 | -0.18 |
| 2150.00 | -0.18 |
| 2152.00 | -0.18 |
| 2154.00 | -0.18 |
| 2156.00 | -0.18 |
| 2158.00 | -0.18 |
| 2160.00 | -0.19 |
| 2162.00 | -0.19 |
| 2164.00 | -0.19 |
| 2166.00 | -0.20 |
| 2168.00 | -0.20 |
| 2170.00 | -0.20 |
| 2172.00 | -0.20 |
| 2174.00 | -0.20 |
| 2176.00 | -0.20 |
| 2178.00 | -0.20 |
| 2180.00 | -0.20 |
| 2182.00 | -0.20 |
| 2184.00 | -0.20 |
| 2186.00 | -0.20 |
| 2188.00 | -0.20 |
| 2190.00 | -0.20 |
| 2192.00 | -0.20 |
| 2194.00 | -0.20 |
| 2196.00 | -0.20 |
| 2198.00 | -0.21 |
| 2200.00 | -0.21 |
| 2202.00 | -0.21 |
| 2204.00 | -0.21 |
| 2206.00 | -0.21 |
| 2208.00 | -0.21 |
| 2210.00 | -0.21 |
| 2212.00 | -0.22 |
| 2214.00 | -0.22 |
| 2216.00 | -0.22 |
| 2218.00 | -0.22 |
| 2220.00 | -0.22 |
| 2222.00 | -0.22 |
| 2224.00 | -0.22 |
| 2226.00 | -0.22 |
| 2228.00 | -0.22 |



CHM 003 1417

| Elapsed Time | Value |
|---|---|
| 2230.00 | -0.22 |
| 2232.00 | -0.21 |
| 2234.00 | -0.22 |
| 2236.00 | -0.22 |
| 2238.00 | -0.21 |
| 2240.00 | -0.22 |
| 2242.00 | -0.22 |
| 2244.00 | -0.22 |
| 2246.00 | -0.22 |
| 2248.00 | -0.22 |
| 2250.00 | -0.22 |
| 2252.00 | -0.22 |
| 2254.00 | -0.23 |
| 2256.00 | -0.23 |
| 2258.00 | -0.23 |
| 2260.00 | -0.23 |
| 2262.00 | -0.23 |
| 2264.00 | -0.24 |
| 2266.00 | -0.24 |
| 2268.00 | -0.24 |
| 2270.00 | -0.24 |
| 2272.00 | -0.24 |
| 2274.00 | -0.24 |
| 2276.00 | -0.24 |
| 2278.00 | -0.24 |
| 2280.00 | -0.24 |
| 2282.00 | -0.24 |
| 2284.00 | -0.24 |
| 2286.00 | -0.24 |
| 2288.00 | -0.24 |
| 2290.00 | -0.24 |
| 2292.00 | -0.24 |
| 2294.00 | -0.24 |
| 2296.00 | -0.24 |
| 2298.00 | -0.24 |
| 2300.00 | -0.24 |
| 2302.00 | -0.24 |
| 2304.00 | -0.24 |
| 2306.00 | -0.24 |
| 2308.00 | -0.24 |
| 2310.00 | -0.24 |
| 2312.00 | -0.24 |
| 2314.00 | -0.25 |
| 2316.00 | -0.25 |
| 2318.00 | -0.25 |
| 2320.00 | -0.25 |
| 2322.00 | -0.25 |
| 2324.00 | -0.25 |
| 2326.00 | -0.25 |
| 2328.00 | -0.25 |
| 2330.00 | -0.25 |
| 2332.00 | -0.25 |
| 2334.00 | -0.25 |
| 2336.00 | -0.25 |

| Elapsed Time | Value |
|---|---|
| 2338.00 | -0.25 |
| 2340.00 | -0.25 |
| 2342.00 | -0.25 |
| 2344.00 | -0.25 |
| 2346.00 | -0.25 |
| 2348.00 | -0.25 |
| 2350.00 | -0.25 |
| 2352.00 | -0.26 |
| 2354.00 | -0.26 |
| 2356.00 | -0.26 |
| 2358.00 | -0.26 |
| 2360.00 | -0.26 |
| 2362.00 | -0.27 |
| 2364.00 | -0.27 |
| 2366.00 | -0.27 |
| 2368.00 | -0.27 |
| 2370.00 | -0.27 |
| 2372.00 | -0.27 |
| 2374.00 | -0.27 |
| 2376.00 | -0.28 |
| 2378.00 | -0.28 |
| 2380.00 | -0.28 |
| 2382.00 | -0.28 |
| 2384.00 | -0.28 |
| 2386.00 | -0.28 |
| 2388.00 | -0.29 |
| 2390.00 | -0.28 |
| 2392.00 | -0.28 |
| 2394.00 | -0.28 |
| 2396.00 | -0.28 |
| 2398.00 | -0.28 |
| 2400.00 | -0.28 |
| 2402.00 | -0.28 |
| 2404.00 | -0.29 |
| 2406.00 | -0.29 |
| 2408.00 | -0.29 |
| 2410.00 | -0.29 |
| 2412.00 | -0.29 |
| 2414.00 | -0.29 |
| 2416.00 | -0.29 |
| 2418.00 | -0.30 |
| 2420.00 | -0.30 |
| 2422.00 | -0.30 |
| 2424.00 | -0.30 |
| 2426.00 | -0.30 |
| 2428.00 | -0.30 |
| 2430.00 | -0.31 |
| 2432.00 | -0.31 |
| 2434.00 | -0.32 |
| 2436.00 | -0.32 |
| 2438.00 | -0.32 |
| 2440.00 | -0.32 |
| 2442.00 | -0.32 |
| 2444.00 | -0.32 |



CHM 003 1419

| Elapsed Time | Value |
|---|---|
| 2446.00 | -0.33 |
| 2448.00 | -0.33 |
| 2450.00 | -0.33 |
| 2452.00 | -0.33 |
| 2454.00 | -0.33 |
| 2456.00 | -0.34 |
| 2458.00 | -0.34 |
| 2460.00 | -0.34 |
| 2462.00 | -0.34 |
| 2464.00 | -0.34 |
| 2466.00 | -0.35 |
| 2468.00 | -0.36 |
| 2470.00 | -0.36 |
| 2472.00 | -0.36 |
| 2474.00 | -0.37 |
| 2476.00 | -0.37 |
| 2478.00 | -0.37 |
| 2480.00 | -0.38 |
| 2482.00 | -0.39 |
| 2484.00 | -0.39 |
| 2486.00 | -0.40 |
| 2488.00 | -0.41 |
| 2490.00 | -0.41 |
| 2492.00 | -0.42 |
| 2494.00 | -0.43 |
| 2496.00 | -0.44 |
| 2498.00 | -0.44 |
| 2500.00 | -0.46 |
| 2502.00 | -0.46 |
| 2504.00 | -0.47 |
| 2506.00 | -0.48 |
| 2508.00 | -0.48 |
| 2510.00 | -0.48 |
| 2512.00 | -0.49 |
| 2514.00 | -0.49 |
| 2516.00 | -0.50 |
| 2518.00 | -0.51 |
| 2520.00 | -0.51 |
| 2522.00 | -0.53 |
| 2524.00 | -0.53 |
| 2526.00 | -0.53 |
| 2528.00 | -0.54 |
| 2530.00 | -0.55 |
| 2532.00 | -0.56 |
| 2534.00 | -0.57 |
| 2536.00 | -0.58 |
| 2538.00 | -0.60 |
| 2540.00 | -0.63 |
| 2542.00 | -0.66 |
| 2544.00 | -0.69 |
| 2546.00 | -0.73 |
| 2548.00 | -0.76 |
| 2550.00 | -0.80 |
| 2552.00 | -0.83 |



CHM 003 1420

| Elapsed Time | Value |
|---|---|
| 2554.00 | -0.86 |
| 2556.00 | -0.88 |
| 2558.00 | -0.90 |
| 2560.00 | -0.91 |
| 2562.00 | -0.91 |
| 2564.00 | -0.91 |
| 2566.00 | -0.91 |
| 2568.00 | -0.91 |
| 2570.00 | -0.90 |
| 2572.00 | -0.89 |
| 2574.00 | -0.89 |
| 2576.00 | -0.88 |
| 2578.00 | -0.87 |
| 2580.00 | -0.86 |
| 2582.00 | -0.87 |
| 2584.00 | -0.86 |
| 2586.00 | -0.86 |
| 2588.00 | -0.86 |
| 2590.00 | -0.85 |
| 2592.00 | -0.86 |
| 2594.00 | -0.85 |
| 2596.00 | -0.85 |
| 2598.00 | -0.86 |
| 2600.00 | -0.86 |
| 2602.00 | -0.87 |
| 2604.00 | -0.87 |
| 2606.00 | -0.87 |
| 2608.00 | -0.88 |
| 2610.00 | -0.87 |
| 2612.00 | -0.87 |
| 2614.00 | -0.87 |
| 2616.00 | -0.87 |
| 2618.00 | -0.87 |
| 2620.00 | -0.86 |
| 2622.00 | -0.86 |
| 2624.00 | -0.86 |
| 2626.00 | -0.86 |
| 2628.00 | -0.85 |
| 2630.00 | -0.85 |
| 2632.00 | -0.84 |
| 2634.00 | -0.84 |
| 2636.00 | -0.84 |
| 2638.00 | -0.84 |
| 2640.00 | -0.83 |
| 2642.00 | -0.83 |
| 2644.00 | -0.83 |
| 2646.00 | -0.84 |
| 2648.00 | -0.84 |
| 2650.00 | -0.83 |
| 2652.00 | -0.83 |
| 2654.00 | -0.83 |
| 2656.00 | -0.83 |
| 2658.00 | -0.82 |
| 2660.00 | -0.83 |



CHM 003 1421

| Elapsed Time | Value |
|---|---|
| 2662.00 | -0.83 |
| 2664.00 | -0.83 |
| 2666.00 | -0.83 |
| 2668.00 | -0.82 |
| 2670.00 | -0.83 |
| 2672.00 | -0.82 |
| 2674.00 | -0.82 |
| 2676.00 | -0.82 |
| 2678.00 | -0.83 |
| 2680.00 | -0.82 |
| 2682.00 | -0.82 |
| 2684.00 | -0.83 |
| 2686.00 | -0.83 |
| 2688.00 | -0.83 |
| 2690.00 | -0.84 |
| 2692.00 | -0.84 |
| 2694.00 | -0.85 |
| 2696.00 | -0.86 |
| 2698.00 | -0.86 |
| 2700.00 | -0.86 |
| 2702.00 | -0.87 |
| 2704.00 | -0.87 |
| 2706.00 | -0.88 |
| 2708.00 | -0.88 |
| 2710.00 | -0.88 |
| 2712.00 | -0.89 |
| 2714.00 | -0.89 |
| 2716.00 | -0.89 |
| 2718.00 | -0.89 |
| 2720.00 | -0.89 |
| 2722.00 | -0.89 |
| 2724.00 | -0.89 |
| 2726.00 | -0.89 |
| 2728.00 | -0.89 |
| 2730.00 | -0.88 |
| 2732.00 | -0.88 |
| 2734.00 | -0.88 |
| 2736.00 | -0.88 |
| 2738.00 | -0.88 |
| 2740.00 | -0.88 |
| 2742.00 | -0.88 |
| 2744.00 | -0.88 |
| 2746.00 | -0.88 |
| 2748.00 | -0.88 |
| 2750.00 | -0.88 |
| 2752.00 | -0.89 |
| 2754.00 | -0.89 |
| 2756.00 | -0.89 |
| 2758.00 | -0.89 |
| 2760.00 | -0.88 |
| 2762.00 | -0.89 |
| 2764.00 | -0.89 |
| 2766.00 | -0.89 |
| 2768.00 | -0.89 |



CHM 003 1422

| Elapsed Time | Value |
|---|---|
| 2770.00 | -0.89 |
| 2772.00 | -0.89 |
| 2774.00 | -0.89 |
| 2776.00 | -0.89 |
| 2778.00 | -0.89 |
| 2780.00 | -0.89 |
| 2782.00 | -0.89 |
| 2784.00 | -0.89 |
| 2786.00 | -0.89 |
| 2788.00 | -0.90 |
| 2790.00 | -0.90 |
| 2792.00 | -0.90 |
| 2794.00 | -0.90 |
| 2796.00 | -0.91 |
| 2798.00 | -0.90 |
| 2800.00 | -0.91 |
| 2802.00 | -0.91 |
| 2804.00 | -0.91 |
| 2806.00 | -0.91 |
| 2808.00 | -0.91 |
| 2810.00 | -0.91 |
| 2812.00 | -0.90 |
| 2814.00 | -0.91 |
| 2816.00 | -0.91 |
| 2818.00 | -0.91 |
| 2820.00 | -0.91 |
| 2822.00 | -0.91 |
| 2824.00 | -0.91 |
| 2826.00 | -0.91 |
| 2828.00 | -0.91 |
| 2830.00 | -0.91 |
| 2832.00 | -0.91 |
| 2834.00 | -0.91 |
| 2836.00 | -0.90 |
| 2838.00 | -0.90 |
| 2840.00 | -0.91 |
| 2842.00 | -0.91 |
| 2844.00 | -0.91 |
| 2846.00 | -0.91 |
| 2848.00 | -0.91 |
| 2850.00 | -0.91 |
| 2852.00 | -0.92 |
| 2854.00 | -0.92 |
| 2856.00 | -0.92 |
| 2858.00 | -0.92 |
| 2860.00 | -0.92 |
| 2862.00 | -0.92 |
| 2864.00 | -0.92 |
| 2866.00 | -0.92 |
| 2868.00 | -0.92 |
| 2870.00 | -0.92 |
| 2872.00 | -0.92 |
| 2874.00 | -0.92 |
| 2876.00 | -0.92 |



CHM 003 1423

| Elapsed Time | Value |
|---|---|
| 2878.00 | -0.92 |
| 2880.00 | -0.92 |
| 2882.00 | -0.92 |
| 2884.00 | -0.92 |
| 2886.00 | -0.92 |
| 2888.00 | -0.92 |
| 2890.00 | -0.94 |
| 2892.00 | -0.94 |
| 2894.00 | -0.94 |
| 2896.00 | -0.95 |
| 2898.00 | -0.95 |
| 2900.00 | -0.95 |
| 2902.00 | -0.95 |
| 2904.00 | -0.95 |
| 2906.00 | -0.96 |
| 2908.00 | -0.96 |
| 2910.00 | -0.96 |
| 2912.00 | -0.96 |
| 2914.00 | -0.97 |
| 2916.00 | -0.96 |
| 2918.00 | -0.96 |
| 2920.00 | -0.97 |
| 2922.00 | -0.96 |
| 2924.00 | -0.96 |
| 2926.00 | -0.97 |
| 2928.00 | -0.96 |
| 2930.00 | -0.97 |
| 2932.00 | -0.97 |
| 2934.00 | -0.98 |
| 2936.00 | -0.98 |
| 2938.00 | -0.98 |
| 2940.00 | -0.98 |
| 2942.00 | -0.98 |
| 2944.00 | -0.98 |
| 2946.00 | -0.98 |
| 2948.00 | -0.99 |
| 2950.00 | -0.99 |
| 2952.00 | -0.99 |
| 2954.00 | -0.99 |
| 2956.00 | -0.99 |
| 2958.00 | -0.99 |
| 2960.00 | -0.99 |
| 2962.00 | -0.99 |
| 2964.00 | -0.99 |
| 2966.00 | -0.99 |
| 2968.00 | -0.99 |
| 2970.00 | -0.98 |
| 2972.00 | -0.98 |
| 2974.00 | -0.98 |
| 2976.00 | -0.99 |
| 2978.00 | -0.98 |
| 2980.00 | -0.98 |
| 2982.00 | -0.99 |
| 2984.00 | -0.99 |



CHM 003 1424

| Elapsed Time | Value |
|---|---|
| 2986.00 | -0.98 |
| 2988.00 | -0.98 |
| 2990.00 | -0.99 |
| 2992.00 | -0.98 |
| 2994.00 | -0.99 |
| 2996.00 | -0.98 |
| 2998.00 | -0.99 |
| 3000.00 | -0.99 |
| 3002.00 | -0.99 |
| 3004.00 | -0.99 |
| 3006.00 | -0.99 |
| 3008.00 | -0.99 |
| 3010.00 | -0.98 |
| 3012.00 | -0.99 |
| 3014.00 | -0.98 |
| 3016.00 | -0.99 |
| 3018.00 | -0.99 |
| 3020.00 | -0.98 |
| 3022.00 | -0.98 |
| 3024.00 | -0.98 |
| 3026.00 | -0.98 |
| 3028.00 | -0.98 |
| 3030.00 | -0.98 |
| 3032.00 | -0.98 |
| 3034.00 | -0.99 |
| 3036.00 | -0.99 |
| 3038.00 | -0.98 |
| 3040.00 | -0.99 |
| 3042.00 | -0.99 |
| 3044.00 | -0.99 |
| 3046.00 | -0.99 |
| 3048.00 | -0.99 |
| 3050.00 | -0.99 |
| 3052.00 | -0.99 |
| 3054.00 | -0.99 |
| 3056.00 | -1.00 |
| 3058.00 | -0.99 |
| 3060.00 | -0.99 |
| 3062.00 | -1.00 |
| 3064.00 | -0.99 |
| 3066.00 | -0.99 |
| 3068.00 | -1.00 |
| 3070.00 | -0.99 |
| 3072.00 | -0.99 |
| 3074.00 | -0.99 |
| 3076.00 | -0.99 |
| 3078.00 | -0.99 |
| 3080.00 | -0.98 |
| 3082.00 | -0.98 |
| 3084.00 | -0.99 |
| 3086.00 | -0.99 |
| 3088.00 | -0.99 |
| 3090.00 | -0.98 |
| 3092.00 | -0.99 |



CHM 003 1425

| Elapsed Time | Value |
|---|---|
| 3094.00 | -0.99 |
| 3096.00 | -0.99 |
| 3098.00 | -0.99 |
| 3100.00 | -0.98 |
| 3102.00 | -0.99 |
| 3104.00 | -0.99 |
| 3106.00 | -0.99 |
| 3108.00 | -0.99 |
| 3110.00 | -0.99 |
| 3112.00 | -0.99 |
| 3114.00 | -0.99 |
| 3116.00 | -0.99 |
| 3118.00 | -0.99 |
| 3120.00 | -0.99 |
| 3122.00 | -0.99 |
| 3124.00 | -0.99 |
| 3126.00 | -0.99 |
| 3128.00 | -0.99 |
| 3130.00 | -0.99 |
| 3132.00 | -0.98 |
| 3134.00 | -0.98 |
| 3136.00 | -0.98 |
| 3138.00 | -0.99 |
| 3140.00 | -0.98 |
| 3142.00 | -0.98 |
| 3144.00 | -0.99 |
| 3146.00 | -0.98 |
| 3148.00 | -0.98 |
| 3150.00 | -0.98 |
| 3152.00 | -0.97 |
| 3154.00 | -0.98 |
| 3156.00 | -0.97 |
| 3158.00 | -0.97 |
| 3160.00 | -0.98 |
| 3162.00 | -0.98 |
| 3164.00 | -0.98 |
| 3166.00 | -0.98 |
| 3168.00 | -0.97 |
| 3170.00 | -0.98 |
| 3172.00 | -0.97 |
| 3174.00 | -0.96 |
| 3176.00 | -0.96 |
| 3178.00 | -0.96 |
| 3180.00 | -0.95 |
| 3182.00 | -0.96 |
| 3184.00 | -0.95 |
| 3186.00 | -0.94 |
| 3188.00 | -0.95 |
| 3190.00 | -0.94 |
| 3192.00 | -0.94 |
| 3194.00 | -0.94 |
| 3196.00 | -0.94 |
| 3198.00 | -0.94 |
| 3200.00 | -0.94 |



CHM 003 1426

| Elapsed Time | Value |
|---|---|
| 3202.00 | -0.94 |
| 3204.00 | -0.94 |
| 3206.00 | -0.94 |
| 3208.00 | -0.94 |
| 3210.00 | -0.93 |
| 3212.00 | -0.93 |
| 3214.00 | -0.92 |
| 3216.00 | -0.92 |
| 3218.00 | -0.92 |
| 3220.00 | -0.92 |
| 3222.00 | -0.92 |
| 3224.00 | -0.92 |
| 3226.00 | -0.92 |
| 3228.00 | -0.92 |
| 3230.00 | -0.92 |
| 3232.00 | -0.92 |
| 3234.00 | -0.91 |
| 3236.00 | -0.91 |
| 3238.00 | -0.91 |
| 3240.00 | -0.91 |
| 3242.00 | -0.91 |
| 3244.00 | -0.91 |
| 3246.00 | -0.91 |
| 3248.00 | -0.91 |
| 3250.00 | -0.91 |
| 3252.00 | -0.91 |
| 3254.00 | -0.91 |
| 3256.00 | -0.91 |
| 3258.00 | -0.91 |
| 3260.00 | -0.91 |
| 3262.00 | -0.91 |
| 3264.00 | -0.91 |
| 3266.00 | -0.90 |
| 3268.00 | -0.90 |
| 3270.00 | -0.90 |
| 3272.00 | -0.90 |
| 3274.00 | -0.90 |
| 3276.00 | -0.90 |
| 3278.00 | -0.89 |
| 3280.00 | -0.89 |
| 3282.00 | -0.89 |
| 3284.00 | -0.89 |
| 3286.00 | -0.88 |
| 3288.00 | -0.88 |
| 3290.00 | -0.88 |
| 3292.00 | -0.88 |
| 3294.00 | -0.88 |
| 3296.00 | -0.88 |
| 3298.00 | -0.88 |
| 3300.00 | -0.88 |
| 3302.00 | -0.88 |
| 3304.00 | -0.87 |
| 3306.00 | -0.87 |
| 3308.00 | -0.87 |

| Elapsed Time | Value |
|---|---|
| 3310.00 | -0.87 |
| 3312.00 | -0.87 |
| 3314.00 | -0.87 |
| 3316.00 | -0.87 |
| 3318.00 | -0.87 |
| 3320.00 | -0.87 |
| 3322.00 | -0.87 |
| 3324.00 | -0.86 |
| 3326.00 | -0.86 |
| 3328.00 | -0.86 |
| 3330.00 | -0.86 |
| 3332.00 | -0.86 |
| 3334.00 | -0.86 |
| 3336.00 | -0.86 |
| 3338.00 | -0.85 |
| 3340.00 | -0.86 |
| 3342.00 | -0.86 |
| 3344.00 | -0.86 |
| 3346.00 | -0.86 |
| 3348.00 | -0.86 |
| 3350.00 | -0.86 |
| 3352.00 | -0.86 |
| 3354.00 | -0.86 |
| 3356.00 | -0.86 |
| 3358.00 | -0.85 |
| 3360.00 | -0.85 |
| 3362.00 | -0.85 |
| 3364.00 | -0.85 |
| 3366.00 | -0.85 |
| 3368.00 | -0.84 |
| 3370.00 | -0.84 |
| 3372.00 | -0.84 |
| 3374.00 | -0.84 |
| 3376.00 | -0.84 |
| 3378.00 | -0.84 |
| 3380.00 | -0.84 |
| 3382.00 | -0.84 |
| 3384.00 | -0.84 |
| 3386.00 | -0.84 |
| 3388.00 | -0.84 |
| 3390.00 | -0.84 |
| 3392.00 | -0.84 |
| 3394.00 | -0.83 |
| 3396.00 | -0.84 |
| 3398.00 | -0.84 |
| 3400.00 | -0.84 |
| 3402.00 | -0.84 |
| 3404.00 | -0.84 |
| 3406.00 | -0.84 |
| 3408.00 | -0.84 |
| 3410.00 | -0.84 |
| 3412.00 | -0.84 |
| 3414.00 | -0.84 |
| 3416.00 | -0.84 |



CHM 003 1428

| Elapsed Time | Value |
|---|---|
| 3418.00 | -0.84 |
| 3420.00 | -0.84 |
| 3422.00 | -0.84 |
| 3424.00 | -0.84 |
| 3426.00 | -0.83 |
| 3428.00 | -0.84 |
| 3430.00 | -0.83 |
| 3432.00 | -0.84 |
| 3434.00 | -0.84 |
| 3436.00 | -0.84 |
| 3438.00 | -0.83 |
| 3440.00 | -0.83 |
| 3442.00 | -0.83 |
| 3444.00 | -0.83 |
| 3446.00 | -0.83 |
| 3448.00 | -0.82 |
| 3450.00 | -0.82 |
| 3452.00 | -0.83 |
| 3454.00 | -0.83 |
| 3456.00 | -0.83 |
| 3458.00 | -0.83 |
| 3460.00 | -0.82 |
| 3462.00 | -0.82 |
| 3464.00 | -0.82 |
| 3466.00 | -0.82 |
| 3468.00 | -0.82 |
| 3470.00 | -0.82 |
| 3472.00 | -0.82 |
| 3474.00 | -0.82 |
| 3476.00 | -0.81 |
| 3478.00 | -0.81 |
| 3480.00 | -0.81 |
| 3482.00 | -0.82 |
| 3484.00 | -0.81 |
| 3486.00 | -0.81 |
| 3488.00 | -0.81 |
| 3490.00 | -0.82 |
| 3492.00 | -0.81 |
| 3494.00 | -0.82 |
| 3496.00 | -0.82 |
| 3498.00 | -0.82 |
| 3500.00 | -0.82 |
| 3502.00 | -0.82 |
| 3504.00 | -0.81 |
| 3506.00 | -0.81 |
| 3508.00 | -0.80 |
| 3510.00 | -0.80 |
| 3512.00 | -0.80 |
| 3514.00 | -0.80 |
| 3516.00 | -0.79 |
| 3518.00 | -0.79 |
| 3520.00 | -0.79 |
| 3522.00 | -0.79 |
| 3524.00 | -0.79 |



CHM 003 1429

| Elapsed Time | Value |
|---|---|
| 3526.00 | -0.79 |
| 3528.00 | -0.79 |
| 3530.00 | -0.79 |
| 3532.00 | -0.79 |
| 3534.00 | -0.79 |
| 3536.00 | -0.79 |
| 3538.00 | -0.79 |
| 3540.00 | -0.79 |
| 3542.00 | -0.79 |
| 3544.00 | -0.79 |
| 3546.00 | -0.79 |
| 3548.00 | -0.79 |
| 3550.00 | -0.79 |
| 3552.00 | -0.79 |
| 3554.00 | -0.79 |
| 3556.00 | -0.79 |
| 3558.00 | -0.79 |
| 3560.00 | -0.79 |
| 3562.00 | -0.79 |
| 3564.00 | -0.79 |
| 3566.00 | -0.79 |
| 3568.00 | -0.78 |
| 3570.00 | -0.79 |
| 3572.00 | -0.79 |
| 3574.00 | -0.78 |
| 3576.00 | -0.79 |
| 3578.00 | -0.79 |
| 3580.00 | -0.78 |
| 3582.00 | -0.78 |
| 3584.00 | -0.79 |
| 3586.00 | -0.79 |
| 3588.00 | -0.78 |
| 3590.00 | -0.79 |
| 3592.00 | -0.78 |
| 3594.00 | -0.78 |
| 3596.00 | -0.78 |
| 3598.00 | -0.78 |
| 3600.00 | -0.78 |
| 3602.00 | -0.78 |
| 3604.00 | -0.79 |
| 3606.00 | -0.78 |
| 3608.00 | -0.78 |
| 3610.00 | -0.78 |
| 3612.00 | -0.77 |
| 3614.00 | -0.77 |
| 3616.00 | -0.77 |
| 3618.00 | -0.77 |
| 3620.00 | -0.77 |
| 3622.00 | -0.77 |
| 3624.00 | -0.77 |
| 3626.00 | -0.77 |
| 3628.00 | -0.77 |
| 3630.00 | -0.77 |
| 3632.00 | -0.77 |



CHM 003 1430

| Elapsed Time | Value |
|---|---|
| 3634.00 | -0.77 |
| 3636.00 | -0.77 |
| 3638.00 | -0.77 |
| 3640.00 | -0.77 |
| 3642.00 | -0.77 |
| 3644.00 | -0.77 |
| 3646.00 | -0.77 |
| 3648.00 | -0.77 |
| 3650.00 | -0.77 |
| 3652.00 | -0.77 |
| 3654.00 | -0.76 |
| 3656.00 | -0.76 |
| 3658.00 | -0.76 |
| 3660.00 | -0.75 |
| 3662.00 | -0.76 |
| 3664.00 | -0.76 |
| 3666.00 | -0.76 |
| 3668.00 | -0.75 |
| 3670.00 | -0.76 |
| 3672.00 | -0.75 |
| 3674.00 | -0.75 |
| 3676.00 | -0.76 |
| 3678.00 | -0.75 |
| 3680.00 | -0.75 |
| 3682.00 | -0.76 |
| 3684.00 | -0.75 |
| 3686.00 | -0.75 |
| 3688.00 | -0.76 |
| 3690.00 | -0.76 |
| 3692.00 | -0.76 |
| 3694.00 | -0.76 |
| 3696.00 | -0.76 |
| 3698.00 | -0.75 |
| 3700.00 | -0.75 |
| 3702.00 | -0.75 |
| 3704.00 | -0.75 |
| 3706.00 | -0.75 |
| 3708.00 | -0.75 |
| 3710.00 | -0.75 |
| 3712.00 | -0.75 |
| 3714.00 | -0.75 |
| 3716.00 | -0.75 |
| 3718.00 | -0.75 |
| 3720.00 | -0.75 |
| 3722.00 | -0.75 |
| 3724.00 | -0.75 |
| 3726.00 | -0.75 |
| 3728.00 | -0.75 |
| 3730.00 | -0.75 |
| 3732.00 | -0.75 |
| 3734.00 | -0.75 |
| 3736.00 | -0.75 |
| 3738.00 | -0.75 |
| 3740.00 | -0.75 |



CHM 003 1431

| Elapsed Time | Value |
|---|---|
| 3742.00 | -0.75 |
| 3744.00 | -0.75 |
| 3746.00 | -0.75 |
| 3748.00 | -0.74 |
| 3750.00 | -0.75 |
| 3752.00 | -0.74 |
| 3754.00 | -0.74 |
| 3756.00 | -0.74 |
| 3758.00 | -0.74 |
| 3760.00 | -0.74 |
| 3762.00 | -0.74 |
| 3764.00 | -0.74 |
| 3766.00 | -0.74 |
| 3768.00 | -0.74 |
| 3770.00 | -0.74 |
| 3772.00 | -0.74 |
| 3774.00 | -0.74 |
| 3776.00 | -0.74 |
| 3778.00 | -0.74 |
| 3780.00 | -0.74 |
| 3782.00 | -0.74 |
| 3784.00 | -0.74 |
| 3786.00 | -0.74 |
| 3788.00 | -0.74 |
| 3790.00 | -0.74 |
| 3792.00 | -0.74 |
| 3794.00 | -0.73 |
| 3796.00 | -0.73 |
| 3798.00 | -0.73 |
| 3800.00 | -0.73 |
| 3802.00 | -0.73 |
| 3804.00 | -0.73 |
| 3806.00 | -0.73 |
| 3808.00 | -0.73 |
| 3810.00 | -0.73 |
| 3812.00 | -0.73 |
| 3814.00 | -0.73 |
| 3816.00 | -0.73 |
| 3818.00 | -0.73 |
| 3820.00 | -0.73 |
| 3822.00 | -0.72 |
| 3824.00 | -0.72 |
| 3826.00 | -0.72 |
| 3828.00 | -0.72 |
| 3830.00 | -0.72 |
| 3832.00 | -0.72 |
| 3834.00 | -0.72 |
| 3836.00 | -0.72 |
| 3838.00 | -0.72 |
| 3840.00 | -0.72 |
| 3842.00 | -0.72 |
| 3844.00 | -0.72 |
| 3846.00 | -0.72 |
| 3848.00 | -0.72 |



CHM 003 1432

| Elapsed Time | Value |
|---|---|
| 3850.00 | -0.72 |
| 3852.00 | -0.71 |
| 3854.00 | -0.72 |
| 3856.00 | -0.72 |
| 3858.00 | -0.72 |
| 3860.00 | -0.72 |
| 3862.00 | -0.72 |
| 3864.00 | -0.72 |
| 3866.00 | -0.71 |
| 3868.00 | -0.72 |
| 3870.00 | -0.71 |
| 3872.00 | -0.71 |
| 3874.00 | -0.71 |
| 3876.00 | -0.71 |
| 3878.00 | -0.71 |
| 3880.00 | -0.70 |
| 3882.00 | -0.70 |
| 3884.00 | -0.70 |
| 3886.00 | -0.70 |
| 3888.00 | -0.70 |
| 3890.00 | -0.71 |
| 3892.00 | -0.71 |
| 3894.00 | -0.71 |
| 3896.00 | -0.71 |
| 3898.00 | -0.70 |
| 3900.00 | -0.70 |
| 3902.00 | -0.70 |
| 3904.00 | -0.71 |
| 3906.00 | -0.71 |
| 3908.00 | -0.70 |
| 3910.00 | -0.70 |
| 3912.00 | -0.70 |
| 3914.00 | -0.70 |
| 3916.00 | -0.70 |
| 3918.00 | -0.70 |
| 3920.00 | -0.70 |
| 3922.00 | -0.70 |
| 3924.00 | -0.70 |
| 3926.00 | -0.70 |
| 3928.00 | -0.69 |
| 3930.00 | -0.70 |
| 3932.00 | -0.70 |
| 3934.00 | -0.70 |
| 3936.00 | -0.69 |
| 3938.00 | -0.69 |
| 3940.00 | -0.69 |
| 3942.00 | -0.69 |
| 3944.00 | -0.69 |
| 3946.00 | -0.69 |
| 3948.00 | -0.69 |
| 3950.00 | -0.69 |
| 3952.00 | -0.69 |
| 3954.00 | -0.69 |
| 3956.00 | -0.70 |



CHM 003 1433

| Elapsed Time | Value |
|---|---|
| 3958.00 | -0.69 |
| 3960.00 | -0.69 |
| 3962.00 | -0.69 |
| 3964.00 | -0.69 |
| 3966.00 | -0.68 |
| 3968.00 | -0.68 |
| 3970.00 | -0.68 |
| 3972.00 | -0.68 |
| 3974.00 | -0.69 |
| 3976.00 | -0.69 |
| 3978.00 | -0.69 |
| 3980.00 | -0.69 |
| 3982.00 | -0.69 |
| 3984.00 | -0.69 |
| 3986.00 | -0.69 |
| 3988.00 | -0.69 |
| 3990.00 | -0.69 |
| 3992.00 | -0.69 |
| 3994.00 | -0.69 |
| 3996.00 | -0.69 |
| 3998.00 | -0.69 |
| 4000.00 | -0.69 |
| 4002.00 | -0.69 |
| 4004.00 | -0.68 |
| 4006.00 | -0.68 |
| 4008.00 | -0.68 |
| 4010.00 | -0.68 |
| 4012.00 | -0.68 |
| 4014.00 | -0.68 |
| 4016.00 | -0.68 |
| 4018.00 | -0.68 |
| 4020.00 | -0.68 |
| 4022.00 | -0.68 |
| 4024.00 | -0.68 |
| 4026.00 | -0.68 |
| 4028.00 | -0.68 |
| 4030.00 | -0.68 |
| 4032.00 | -0.68 |
| 4034.00 | -0.68 |
| 4036.00 | -0.68 |
| 4038.00 | -0.68 |
| 4040.00 | -0.68 |
| 4042.00 | -0.68 |
| 4044.00 | -0.68 |
| 4046.00 | -0.68 |
| 4048.00 | -0.68 |
| 4050.00 | -0.68 |
| 4052.00 | -0.67 |
| 4054.00 | -0.67 |
| 4056.00 | -0.67 |
| 4058.00 | -0.67 |
| 4060.00 | -0.67 |
| 4062.00 | -0.68 |
| 4064.00 | -0.67 |



CHM 003 1434

| Elapsed Time | Value |
|---|---|
| 4066.00 | -0.68 |
| 4068.00 | -0.68 |
| 4070.00 | -0.68 |
| 4072.00 | -0.68 |
| 4074.00 | -0.68 |
| 4076.00 | -0.68 |
| 4078.00 | -0.68 |
| 4080.00 | -0.68 |
| 4082.00 | -0.68 |
| 4084.00 | -0.68 |
| 4086.00 | -0.68 |
| 4088.00 | -0.68 |
| 4090.00 | -0.68 |
| 4092.00 | -0.68 |
| 4094.00 | -0.68 |
| 4096.00 | -0.67 |
| 4098.00 | -0.67 |
| 4100.00 | -0.67 |
| 4102.00 | -0.67 |
| 4104.00 | -0.67 |
| 4106.00 | -0.67 |
| 4108.00 | -0.67 |
| 4110.00 | -0.67 |
| 4112.00 | -0.67 |
| 4114.00 | -0.67 |
| 4116.00 | -0.67 |
| 4118.00 | -0.67 |
| 4120.00 | -0.67 |
| 4122.00 | -0.66 |
| 4124.00 | -0.66 |
| 4126.00 | -0.66 |
| 4128.00 | -0.65 |
| 4130.00 | -0.65 |
| 4132.00 | -0.65 |
| 4134.00 | -0.65 |
| 4136.00 | -0.65 |
| 4138.00 | -0.65 |
| 4140.00 | -0.65 |
| 4142.00 | -0.65 |
| 4144.00 | -0.65 |
| 4146.00 | -0.65 |
| 4148.00 | -0.65 |
| 4150.00 | -0.65 |
| 4152.00 | -0.65 |
| 4154.00 | -0.65 |
| 4156.00 | -0.65 |
| 4158.00 | -0.65 |
| 4160.00 | -0.65 |
| 4162.00 | -0.65 |
| 4164.00 | -0.65 |
| 4166.00 | -0.65 |
| 4168.00 | -0.65 |
| 4170.00 | -0.65 |
| 4172.00 | -0.65 |



CHM 003 1435

| Elapsed Time | Value |
|---|---|
| 4174.00 | -0.65 |
| 4176.00 | -0.64 |
| 4178.00 | -0.64 |
| 4180.00 | -0.64 |
| 4182.00 | -0.64 |
| 4184.00 | -0.64 |
| 4186.00 | -0.64 |
| 4188.00 | -0.65 |
| 4190.00 | -0.65 |
| 4192.00 | -0.65 |
| 4194.00 | -0.65 |
| 4196.00 | -0.66 |
| 4198.00 | -0.66 |
| 4200.00 | -0.66 |
| 4202.00 | -0.66 |
| 4204.00 | -0.66 |
| 4206.00 | -0.66 |
| 4208.00 | -0.66 |
| 4210.00 | -0.65 |
| 4212.00 | -0.65 |
| 4214.00 | -0.65 |
| 4216.00 | -0.65 |
| 4218.00 | -0.65 |
| 4220.00 | -0.65 |
| 4222.00 | -0.65 |
| 4224.00 | -0.65 |
| 4226.00 | -0.65 |
| 4228.00 | -0.65 |
| 4230.00 | -0.65 |
| 4232.00 | -0.65 |
| 4234.00 | -0.65 |
| 4236.00 | -0.65 |
| 4238.00 | -0.65 |
| 4240.00 | -0.65 |
| 4242.00 | -0.65 |
| 4244.00 | -0.64 |
| 4246.00 | -0.64 |
| 4248.00 | -0.64 |
| 4250.00 | -0.63 |
| 4252.00 | -0.63 |
| 4254.00 | -0.63 |
| 4256.00 | -0.63 |
| 4258.00 | -0.63 |
| 4260.00 | -0.63 |
| 4262.00 | -0.63 |
| 4264.00 | -0.63 |
| 4266.00 | -0.63 |
| 4268.00 | -0.63 |
| 4270.00 | -0.62 |
| 4272.00 | -0.63 |
| 4274.00 | -0.62 |
| 4276.00 | -0.61 |
| 4278.00 | -0.61 |
| 4280.00 | -0.60 |



CHM 003 1436

| Elapsed Time | Value |
|---|---|
| 4282.00 | -0.60 |
| 4284.00 | -0.58 |
| 4286.00 | -0.57 |
| 4288.00 | -0.55 |
| 4290.00 | -0.52 |
| 4292.00 | -0.51 |
| 4294.00 | -0.49 |
| 4296.00 | -0.47 |
| 4298.00 | -0.45 |
| 4300.00 | -0.43 |
| 4302.00 | -0.41 |
| 4304.00 | -0.40 |
| 4306.00 | -0.39 |
| 4308.00 | -0.37 |
| 4310.00 | -0.37 |
| 4312.00 | -0.36 |
| 4314.00 | -0.34 |
| 4316.00 | -0.34 |
| 4318.00 | -0.33 |
| 4320.00 | -0.33 |
| 4322.00 | -0.32 |
| 4324.00 | -0.31 |
| 4326.00 | -0.30 |
| 4328.00 | -0.30 |
| 4330.00 | -0.29 |
| 4332.00 | -0.29 |
| 4334.00 | -0.29 |
| 4336.00 | -0.28 |
| 4338.00 | -0.28 |
| 4340.00 | -0.27 |
| 4342.00 | -0.27 |
| 4344.00 | -0.27 |
| 4346.00 | -0.26 |
| 4348.00 | -0.25 |
| 4350.00 | -0.25 |
| 4352.00 | -0.25 |
| 4354.00 | -0.25 |
| 4356.00 | -0.24 |
| 4358.00 | -0.24 |
| 4360.00 | -0.23 |
| 4362.00 | -0.22 |
| 4364.00 | -0.22 |
| 4366.00 | -0.21 |
| 4368.00 | -0.20 |
| 4370.00 | -0.20 |
| 4372.00 | -0.19 |
| 4374.00 | -0.19 |
| 4376.00 | -0.18 |
| 4378.00 | -0.18 |
| 4380.00 | -0.17 |
| 4382.00 | -0.17 |
| 4384.00 | -0.17 |
| 4386.00 | -0.16 |
| 4388.00 | -0.15 |



CHM 003 1437

| Elapsed Time | Value |
|---|---|
| 4390.00 | -0.15 |
| 4392.00 | -0.14 |
| 4394.00 | -0.13 |
| 4396.00 | -0.12 |
| 4398.00 | -0.11 |
| 4400.00 | -0.10 |
| 4402.00 | -0.10 |
| 4404.00 | -0.09 |
| 4406.00 | -0.08 |
| 4408.00 | -0.08 |
| 4410.00 | -0.10 |
| 4412.00 | -0.12 |
| 4414.00 | -0.14 |
| 4416.00 | -0.15 |
| 4418.00 | -0.18 |
| 4420.00 | -0.20 |
| 4422.00 | -0.22 |
| 4424.00 | -0.24 |
| 4426.00 | -0.25 |
| 4428.00 | -0.27 |
| 4430.00 | -0.29 |
| 4432.00 | -0.30 |
| 4434.00 | -0.31 |
| 4436.00 | -0.32 |
| 4438.00 | -0.33 |
| 4440.00 | -0.34 |
| 4442.00 | -0.35 |
| 4444.00 | -0.36 |
| 4446.00 | -0.37 |
| 4448.00 | -0.37 |
| 4450.00 | -0.37 |
| 4452.00 | -0.37 |
| 4454.00 | -0.37 |
| 4456.00 | -0.37 |
| 4458.00 | -0.37 |
| 4460.00 | -0.38 |
| 4462.00 | -0.39 |
| 4464.00 | -0.39 |
| 4466.00 | -0.39 |
| 4468.00 | -0.39 |
| 4470.00 | -0.39 |
| 4472.00 | -0.39 |
| 4474.00 | -0.40 |
| 4476.00 | -0.41 |
| 4478.00 | -0.41 |
| 4480.00 | -0.41 |
| 4482.00 | -0.42 |
| 4484.00 | -0.43 |
| 4486.00 | -0.43 |
| 4488.00 | -0.43 |
| 4490.00 | -0.44 |
| 4492.00 | -0.44 |
| 4494.00 | -0.44 |
| 4496.00 | -0.44 |



CHM 003 1438

| Elapsed Time | Value |
|---|---|
| 4498.00 | -0.45 |
| 4500.00 | -0.45 |
| 4502.00 | -0.45 |