

# Autosal Analysis Sheet

Run ⑦

Date: Andrew Hamilton

Analyst: Aug 20/04

Start time = 2:40 AM

Standby Val before calibration: 2416282

after calibration: 2416293

Salinometer

Vial informat K<sub>15</sub> = 0.99987

Batch # 1144

Batch Date: 23-Sep-03

Model # 8400A

Serial # 44463

Zero: 0.00000

Bath temp.: 24°C

Sample temp.: 23.8°C

Room temp.: 23.1°C

RS: 5.32

|          |            |         | Autosal Conductivity Reading |         |         |         | Salinity ppt |                                     |
|----------|------------|---------|------------------------------|---------|---------|---------|--------------|-------------------------------------|
| Sample # | Station Id | Depth m | #1                           | #2      | #3      | Average | Computed     | Remarks                             |
| ADW-1    |            |         | 1.99767                      | 1.99772 |         |         |              |                                     |
| STD A    |            |         | 1.99992                      | 1.99990 | 1.99992 |         |              | -2 day old SSW                      |
| STD B    | pre-Cal    |         | 1.99969                      | 1.99969 |         |         |              | @ RS: 5.32                          |
| STD B    | Cal        |         | 1.99974                      | 1.99974 | 1.99974 |         |              | RS = 5.46                           |
| ADW-2    |            |         | 1.99772                      | 1.99771 | 1.99791 |         |              | @ 3:01 AM                           |
| 359      | 25         | 5       | 1.99782                      | 1.99782 | 1.99781 |         |              | CB-9 (2)                            |
| 360      | "          | 6       | 1.99261                      | 1.99262 | 1.99260 |         |              | "                                   |
| 361      | "          | 7       | 1.99240                      | 1.99240 | 1.99240 |         |              | "                                   |
| 362      | "          | 8       | 1.99253                      | 1.99255 | 1.99254 |         |              | "                                   |
| 363      | "          | 9       | 1.99241                      | 1.99242 | 1.99242 |         |              | "                                   |
| 364      | "          | 10      | 1.99194                      | 1.99192 | 1.99194 |         |              | "                                   |
| 365      | "          | 11      | 1.99117                      | 1.99116 | 1.99115 |         |              | "                                   |
| 366      | "          | 12      | 1.99072                      | 1.99072 | 1.99072 |         |              | "                                   |
| 367      | "          | 13      | 1.98978                      | 1.98977 | 1.98976 |         |              | "                                   |
| 368      | "          | 14      | 1.98937                      | 1.98935 | 1.98936 |         |              | "                                   |
| ADW-2    |            |         | 1.99803                      | 1.99802 | 1.99802 |         |              | @ 3:30 AM                           |
| STD B    |            |         | 1.99978                      | 1.99979 | 1.99981 |         |              |                                     |
| STD C    | pre-cal    |         | 1.99976                      | 1.99977 | 1.99978 |         |              |                                     |
| STD C    | CAL        |         | 1.99974                      | 1.99973 | 1.9997  |         |              | RS: 5.44 / 2416293                  |
| STD B    |            |         | 1.99987                      |         |         |         |              |                                     |
| ADW-2    |            |         | 1.99822                      | 1.99824 | 1.99826 |         |              | -bottles transferred (no good test) |
| 369      | 25         | 15      | 1.98919                      | 1.98919 | 1.98918 |         |              | CB-9 (2)                            |
| 370      | "          | 16      | 1.94721                      | 1.94724 | 1.94723 |         |              | "                                   |
| 371      | "          | 17      | 1.94532                      | 1.94531 | 1.94532 |         |              | "                                   |
| 372      | "          | 18      | 1.94087                      | 1.94087 | 1.94089 |         |              | "                                   |
| 373      | "          | 19      | 1.88864                      | 1.88863 | 1.88862 |         |              | "                                   |

Room temp: 24°C

Sample: 23.7°C

# Autosal Analysis Sheet

Run 8

Date: Aug 20/04

Analyst: Andrew Hamilton

Standby Val before calibration: 2416270  
after calibration: 2416294

Salinometer

Vial informat K<sub>15</sub> =  
Batch #  
Batch Date:

Model # Bath temp.: 24°C  
Serial # Sample temp.: 23.5°C  
Zero: Room temp.: 23.8°C

RS: 5.45

|          |            |         | Autosal Conductivity Reading |         |         |         | Salinity ppt | Remarks                                                                        |
|----------|------------|---------|------------------------------|---------|---------|---------|--------------|--------------------------------------------------------------------------------|
| Sample # | Station Id | Depth m | #1                           | #2      | #3      | Average | Computed     |                                                                                |
| 374      |            | 20      | 1.88792                      | 1.88792 | 1.88781 |         |              | break for Room Temp<br>4:20 AM<br>SB = 2416270! RS knob<br>accidentally turned |
| STOC     |            |         | 1.99954                      | 1.99934 |         |         |              |                                                                                |
| STD D    |            |         | 1.99974                      | 1.99974 | 1.99974 |         |              |                                                                                |
| ADW-3    |            |         | 1.99783                      | 1.99783 | 1.99783 |         |              |                                                                                |
| 375      | 25         | 21      | 1.88632                      | 1.88634 | 1.88633 |         |              |                                                                                |
| 376      | "          | 22      | 1.78265                      | 1.78267 | 1.78264 |         |              | sta CB-9 (2)                                                                   |
| 377      | "          | 23      | 1.78196                      | 1.78196 | 1.78196 |         |              | "                                                                              |
| 378      | "          | 24      | 1.78116                      | 1.78115 | 1.78116 |         |              | "                                                                              |
| 379      | 26         | 1       | 1.99783                      | 1.99787 | 1.99786 |         |              | sta CB-10                                                                      |
| 379-380  | "          | 2       | 1.99787                      | 1.99784 | 1.99786 |         |              | "                                                                              |
| 380      | "          | 2       | 1.99786                      | 1.99784 | 1.99786 |         |              | "                                                                              |
| 381      | "          | 3       | 1.99724                      | 1.99724 | 1.99724 |         |              | "                                                                              |
| 382      | "          | 4       | 1.99613                      | 1.99613 | 1.99614 |         |              | " - Deep                                                                       |
| 382      | "          | 4       | 1.99614                      | 1.99614 | 1.99613 |         |              | "                                                                              |
| 383      | "          | 5       | 1.99564                      | 1.99563 | 1.99564 |         |              | "                                                                              |
| 384      | "          | 6       | 1.99397                      | 1.99396 | 1.99396 |         |              | "                                                                              |
| 385      | "          | 7       | 1.99316                      | 1.99316 | 1.99316 |         |              | "                                                                              |
| 386      | "          | 8       | 1.99313                      | 1.99314 | 1.99316 |         |              | "                                                                              |
| 387      | "          | 9       | 1.99225                      | 1.99225 | 1.99226 |         |              | "                                                                              |
| 388      | "          | 10      | 1.98985                      | 1.98986 | 1.98986 |         |              | " = 23°C @ 5:21                                                                |
| 388      | "          | 10      | 1.98990                      | 1.98991 | 1.98991 |         |              | " - Deep                                                                       |
| 389      | "          | 11      | 1.98063                      | 1.98062 | 1.98063 |         |              | "                                                                              |
| 390      | "          | 12      | 1.97004                      | 1.97004 | 1.97003 |         |              | "                                                                              |
| 391      | "          | 13      | 1.95500                      | 1.95500 | 1.95501 |         |              | "                                                                              |
| 392      | "          | 14      | 1.93680                      | 1.93679 | 1.93679 |         |              | "                                                                              |
| ADW-3    |            |         | 1.99800                      | 1.99803 |         |         |              |                                                                                |

same sample

# Autosal Analysis Sheet

Date: Aug 20/04

Analyst: A. Hamilton

| Standby Val before calibration: |            |         |                              |         |         |               |              |              |
|---------------------------------|------------|---------|------------------------------|---------|---------|---------------|--------------|--------------|
| after calibration:              |            |         | Salinometer                  |         |         |               |              |              |
| Vial informat K <sub>15</sub> = |            |         | Model #                      |         |         | Bath temp.:   |              |              |
| Batch #                         |            |         | Serial #                     |         |         | Sample temp.: |              |              |
| Batch Date:                     |            |         | Zero:                        |         |         | Room temp.:   |              |              |
|                                 |            |         | Autosal Conductivity Reading |         |         |               | Salinity ppt |              |
| Sample #                        | Station Id | Depth m | #1                           | #2      | #3      | Average       | Computed     | Remarks      |
| 393                             | 26         | 15      | 1.91804                      | 1.91804 | 1.91804 |               |              | In CB-10     |
| 394                             | "          | 16      | 1.90352                      | 1.90351 | 1.90351 |               |              | "            |
| 396                             | "          | 18      | 1.88491                      | 1.88491 | 1.88492 |               |              | "            |
| 397                             | "          | 19      | 1.87783                      | 1.87782 | 1.87782 |               |              | "            |
| 398                             | "          | 20      | 1.86307                      | 1.86308 | 1.86307 |               |              | "            |
| 399                             | "          | 21      | 1.84337                      | 1.84333 | 1.84334 |               |              | "            |
| 400                             | "          | 22      | 1.79978                      | 1.79976 | 1.79977 |               |              | "            |
| 401                             | "          | 23      | 1.78406                      | 1.78407 | 1.78407 |               |              | "            |
| 402                             | "          | 24      | 1.73178                      | 1.73179 | 1.73179 |               |              | "            |
| 403                             | 27         | 1       | 1.96961                      | 1.96962 | 1.96962 |               |              | Sta CB-11    |
| 404                             | "          | 2       | 1.94342                      | 1.94341 | 1.94341 |               |              | "            |
| 406                             | "          | 4       | 1.88930                      | 1.88931 | 1.88929 |               |              | "            |
| 405                             | "          | 4       | 1.88888                      | 1.88891 | 1.88890 |               |              | " Dup        |
| 407                             | "          | 5       | 1.88049                      | 1.88051 | 1.88049 |               |              | "            |
| 408                             | "          | 6       | 1.86559                      | 1.86559 | 1.86560 |               |              | "            |
| 409                             | "          | 7       | 1.84356                      | 1.84356 | 1.84356 |               |              | "            |
| 410                             | "          | 8       | 1.78864                      | 1.78865 | 1.78865 |               |              | "            |
| 411                             | "          | 9       | 1.78221                      | 1.78220 | 1.78219 |               |              | "            |
| 412                             | "          | 10      | 1.72640                      | 1.72641 | 1.72641 |               |              |              |
| 413                             | 28         | 1       | 1.99787                      | 1.99789 | 1.99789 |               |              | Sta CB-11(2) |
| 414                             | "          | 2       | 1.99788                      | 1.99787 | 1.99789 |               |              | "            |
| 415                             | "          | 3       | 1.99767                      | 1.99766 | 1.99768 |               |              | "            |
| 415                             | "          | 3       | 1.99779                      | 1.99767 | 1.99768 |               |              | "            |
| 416                             | "          | 4       | 1.99718                      | 1.99718 | 1.99721 |               |              | "            |
| 417                             | "          | 5       | 1.99616                      | 1.99617 | 1.99616 |               |              | "            |
| 417                             | "          | 5       | 1.99618                      | 1.99619 | 1.99620 |               |              | " Dup        |

Date:

Aug 20/04

Analyst:

A. Hamilton

[illegible]

Final Room:  $23.7^{\circ}\text{C}$  Sample:  $22.8^{\circ}\text{C}$