**Appendix 6. Development of sea urchin embryos following 3-day exposure to interstitial water from SCBPP sediment samples.**

| Station | 50% Interstitial Water %Normal | SD | % of Control | *t* test[a] | 25% Interstitial Water %Normal | SD | % of Control | *t* test | Sediment Held (d) | QA Code[b] (50%/25%) |
|---|---|---|---|---|---|---|---|---|---|---|
| 0016 | 0 | 0.0 | 0 | * | 47 | 33.7 | 53 | | 11 | A/A |
| 0032 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 11 | N/A |
| 0038 | 0 | | 0 | nt | 1 | 0.0 | 1 | * | 22 | N/A |
| 0115 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 11 | N/A |
| 0150 | 0 | | 0 | nt | 1 | 2.3 | 2 | * | 11 | N/A |
| 0228 | 16 | 14.8 | 20 | * | 0 | 0.0 | 0 | * | 22 | A/A |
| 0245 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 22 | CN/C |
| 0252 | 2 | 1.5 | 3 | * | 53 | 41.3 | 64 | | 23 | A/A |
| 0365 | 1 | 1.7 | 1 | * | 53 | 33.6 | 60 | | 11 | A/A |
| 0366 | 36 | 23.0 | 43 | * | 78 | 4.7 | 94 | | 23 | A/A |
| 0407 | 71 | 7.5 | 80 | * | 70 | 2.1 | 79 | * | 12 | A/A |
| 0474 | 83 | 4.9 | 100 | | 88 | 7.4 | 105 | | 19 | A/A |
| 0480 | 43 | 38.1 | 52 | | 86 | 1.5 | 103 | | 19 | A/A |
| 0670 | 24 | 8.1 | 28 | * | 83 | 6.1 | 99 | | 20 | A/A |
| 0682 | 55 | 30.9 | 66 | | 80 | 5.9 | 96 | | 20 | A/A |
| 0708 | 0 | | 0 | nt | 43 | 18.3 | 51 | * | 19 | N/A |
| 0753 | 0 | | 0 | nt | 34 | 33.2 | 38 | | 20 | N/A |
| 0758 | 0 | | 0 | nt | 9 | 13.9 | 10 | * | 13 | N/A |
| 0814 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 13 | N/A |
| 0815 | 0 | | 0 | nt | 15 | 12.2 | 18 | * | 13 | N/A |
| 0820 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 25 | N/A |
| 0846 | 0 | | 0 | nt | 26 | 22.8 | 31 | * | 13 | N/A |
| 0943 | 83 | 10.2 | 97 | | 88 | 2.6 | 104 | | 15 | A/A |
| 0960 | 5 | 4.6 | 5 | * | 84 | 6.4 | 98 | | 15 | A/A |
| 0993 | 31 | 19.3 | 36 | * | 89 | 2.0 | 105 | | 15 | A/A |
| 1028 | 81 | 2.6 | 95 | | 86 | 3.5 | 101 | | 21 | A/A |
| 1049 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 21 | N/A |
| 1072 | 0 | | 0 | nt | 17 | 14.7 | 20 | * | 14 | N/A |
| 1081 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 13 | CN/C |
| 1106 | 58 | 24.0 | 65 | | 67 | 17.1 | 76 | | 40 | E/E |
| 1108 | 0 | | 0 | nt | 3 | 1.5 | 4 | * | 20 | N/A |
| 1109 | 0 | | 0 | nt | 0 | 0.6 | 0 | * | 20 | N/A |
| 1126 | 2 | 1.0 | 2 | * | 35 | 20.5 | 40 | * | 20 | A/A |
| 1142 | 16 | 14.3 | 18 | * | 75 | 12.0 | 84 | | 20 | A/A |
| 1148 | 41 | 15.0 | 47 | * | 72 | 11.2 | 81 | * | 20 | A/A |
| 1152 | 80 | 2.3 | 95 | | 80 | 5.7 | 95 | | 20 | A/A |
| 1169 | 79 | 1.5 | 89 | * | 84 | 4.2 | 95 | | 21 | A/A |

**Appendix 6. (Continued)**

| Station | 50% Interstitial Water %Normal | SD | % of Control | *t* test[a] | 25% Interstitial Water %Normal | SD | % of Control | *t* test | Sediment Held (d) | QA Code[b] (50%/25%) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1173 | 0 | | 0 | nt | 44 | 2.9 | 49 | * | 20 | N/A |
| 1175 | 82 | 3.6 | 92 | * | 89 | 7.4 | 100 | | 21 | N/A |
| 1208 | 85 | 2.0 | 106 | | 84 | 2.5 | 104 | | 18 | A/A |
| 1267 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 17 | N/A |
| 1306 | 0 | | 0 | nt | 1 | 1.2 | 1 | * | 18 | CN/C |
| 1332 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 24 | N/A |
| 1348 | 0 | | 0 | nt | 0 | 0.6 | 0 | * | 19 | N/A |
| 1355 | 0 | | 0 | nt | 1 | 2.3 | 2 | * | 19 | N/A |
| 1401 | 0 | | 0 | nt | 53 | 5.2 | 66 | * | 19 | N/A |
| 1406 | 1 | | 1 | nt | 0 | 0.6 | 0 | * | 18 | N/A |
| 1415 | 0 | | 0 | nt | 1 | 0.6 | 1 | * | 19 | N/A |
| 1417 | 21 | 4.9 | 26 | * | 81 | 1.5 | 101 | | 19 | A/A |
| 1418 | 33 | 9.5 | 41 | * | 84 | 5.2 | 104 | | 18 | A/A |
| 1426 | 0 | 0.0 | 0 | * | 78 | 4.0 | 97 | | 18 | A/A |
| 1450 | 87 | 3.6 | 108 | | 84 | 2.1 | 104 | | 18 | A/A |
| 1469 | 80 | 10.5 | 99 | | 88 | 3.2 | 109 | | 19 | A/A |
| 1551 | 82 | 5.1 | 102 | | 90 | 3.1 | 112 | | 14 | A/A |
| 1617 | 0 | | 0 | nt | 2 | 2.9 | 2 | * | 14 | N/A |
| 1655 | 82 | 11.6 | 102 | | 83 | 3.1 | 103 | | 14 | A/A |
| 1734 | 5 | 3.5 | 5 | * | 62 | 11.4 | 70 | * | 11 | A/A |
| 1767 | 41 | 14.7 | 48 | * | 87 | 2.6 | 102 | | 21 | A/A |
| 1769 | 0 | 0.0 | 0 | * | 70 | 6.7 | 82 | * | 21 | A/A |
| 1770 | 8 | 4.6 | 9 | * | 89 | 1.7 | 105 | | 21 | A/A |
| 1776 | 0 | | 0 | nt | 0 | 0.0 | 0 | * | 21 | N/A |
| 1780 | 0 | 0.0 | 0 | * | | | | | 21 | C/C |
| 1794 | 68 | 5.7 | 77 | * | 78 | 2.0 | 87 | * | 13 | A/A |
| 1797 | 0 | 0.0 | 0 | * | 73 | 5.2 | 86 | * | 26 | A/A |
| 1825 | 7 | 7.0 | 8 | * | 69 | 6.6 | 77 | * | 18 | A/A |
| 1828 | 25 | 12.3 | 28 | * | 77 | 8.5 | 86 | * | 18 | A/A |
| 1833 | 14 | 6.0 | 16 | * | 59 | 11.8 | 66 | * | 20 | A/A |
| 1839 | 0 | | 0 | nt | 1 | 2.3 | 1 | * | 24 | CN/C |
| 1850 | 0 | 0.0 | 0 | * | 56 | 0.6 | 62 | * | 20 | A/A |
| 1871 | 0 | 0.6 | 0 | * | 32 | 5.6 | 38 | * | 29 | A/A |
| 1874 | 51 | 42.7 | 58 | | 86 | 4.6 | 96 | | 21 | A/A |
| 1903 | 62 | 6.4 | 70 | * | 85 | 5.1 | 96 | | 21 | A/A |

[a] Asterisk indicates *t* test probability ≤0.05 for comparison with control. nt indicates not enough replicates examined to perform *t* test.

[b] See Appendix 5 for definitions.