

Water Quality Testing Register

Sydney International Container Terminals Limited

| Legend: Input cell Output cell Result pending 123 = inlet 456 = outlet | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|-----------------------|--------------|-------------|------------------------|------------|---------|--------|-----------|----------|----------|--------------|--------------|---------------|-------------|-------------|-----------|--------------|-----------|-------------------|--------------------|---------------------|
| Sampling date | Sampling time | Days After Rain Event | Batch number | SQID number | Sample Sequence Number | Sample ID | Lab NTU | Lab pH | TSS mg/ L | TP mg/ L | TN mg/ L | Arsenic µg/L | Cadmium µg/L | Chromium µg/L | Copper µg/L | Nickel µg/L | Zinc µg/L | Mercury mg/L | Lead µg/L | Oil & Grease mg/L | Point of Discharge | Comments |
| 18 December 2013 | 14:35:00 | 3 | 1 | 16 | 123 | 1/16/123 | 3.5 | 7.8 | <5 | <0.05 | 1.2 | 11 | 0.1 | <1 | <1 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Inlet side of SQID |
| 18 December 2013 | 14:37:00 | 3 | 1 | 16 | 456 | 1/16/456 | 7.8 | 7.9 | 8 | <0.05 | 0.5 | 6 | <0.1 | <1 | <1 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Outlet side of SQID |
| 18 December 2013 | 14:45:00 | 3 | 1 | 17 | 123 | 1/17/123 | 96 | 9.4 | 61 | <0.05 | 1.3 | <1 | <0.1 | 3 | 2 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Inlet side of SQID |
| 18 December 2013 | 14:45:00 | 3 | 1 | 17 | 456 | 1/17/456 | 66 | 8.8 | 37 | <0.05 | 0.52 | 1 | <0.1 | 7 | 3 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Outlet side of SQID |
| 18 December 2013 | 17:15:00 | 3 | 1 | 18 | 123 | 1/18/123 | 22 | 9.1 | 16 | <0.05 | 0.5 | <1 | <0.1 | 6 | <1 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Inlet side of SQID |
| 18 December 2013 | 17:15:00 | 3 | 1 | 18 | 456 | 1/18/456 | 18 | 8.6 | 13 | <0.05 | 0.32 | <1 | <0.1 | 5 | <1 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Outlet side of SQID |
| 18 December 2013 | 15:20:00 | 3 | 1 | 19 | 123 | 1/19/123 | 5.9 | 8.8 | <5 | <0.05 | 0.51 | <1 | <0.1 | 9 | 2 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Inlet side of SQID |
| 18 December 2013 | 15:20:00 | 3 | 1 | 19 | 456 | 1/19/456 | 3.2 | 8.4 | <5 | <0.05 | 0.39 | <1 | <0.1 | 9 | <1 | <1 | 5 | <0.0001 | <1 | <5 | Flushing channel | Outlet side of SQID |
| 18 December 2013 | 15:40:00 | 3 | 1 | 20 | 123 | 1/20/123 | 6.8 | 8.2 | 13 | <0.05 | 0.45 | <1 | <0.1 | 4 | <1 | <1 | 12 | <0.0001 | <1 | <5 | Flushing channel | Inlet side of SQID |
| 18 December 2013 | 15:40:00 | 3 | 1 | 20 | 456 | 1/20/456 | 3.3 | 7.9 | 22 | 0.09 | 0.47 | 1 | <0.1 | 2 | <1 | <1 | 10 | <0.0001 | <1 | <5 | Flushing channel | Outlet side of SQID |
| 18 December 2013 | 16:50:00 | 3 | 1 | 21 | 123 | 1/21/123 | 21 | 8.2 | 17 | <0.05 | 0.51 | <1 | <0.1 | 8 | 1 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Inlet side of SQID |
| 18 December 2013 | 16:50:00 | 3 | 1 | 21 | 456 | 1/21/456 | 30 | 8.4 | 19 | <0.05 | 0.54 | <1 | <0.1 | 8 | 1 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Outlet side of SQID |
| 18 December 2013 | 16:05:00 | 3 | 1 | 22 | 123 | 1/22/123 | 31 | 8.4 | 32 | <0.05 | 0.5 | <1 | <0.1 | 5 | 1 | <1 | <5 | <0.0001 | <1 | <5 | Penrhyn estuary | Inlet side of SQID |
| 18 December 2013 | 16:05:00 | 3 | 1 | 22 | 456 | 1/22/456 | 33 | 8.7 | 26 | <0.05 | 0.41 | <1 | <0.1 | 5 | <1 | <1 | <5 | <0.0001 | <1 | <5 | Penrhyn estuary | Outlet side of SQID |
| 18 December 2013 | 16:15:00 | 3 | 1 | 23 | 123 | 1/23/123 | 8.9 | 9.2 | <5 | <0.05 | 0.47 | <1 | <0.1 | 3 | 1 | <1 | <5 | <0.0001 | <1 | <5 | Penrhyn estuary | Inlet side of SQID |
| 18 December 2013 | 16:15:00 | 3 | 1 | 23 | 456 | 1/23/456 | 18 | 9.5 | 13 | <0.05 | 0.6 | <1 | <0.1 | 4 | 2 | <1 | <5 | <0.0001 | <1 | <5 | Penrhyn estuary | Outlet side of SQID |
| 18 December 2013 | 16:30:00 | 3 | 1 | 24 | 123 | 1/24/123 | 7 | 7.9 | 7 | <0.05 | 0.35 | <1 | <0.1 | 4 | 2 | <1 | 14 | <0.0001 | <1 | <5 | Penrhyn estuary | Inlet side of SQID |
| 18 December 2013 | 16:30:00 | 3 | 1 | 24 | 456 | 1/24/456 | 11 | 8.3 | <5 | <0.05 | 0.34 | <1 | <0.1 | 4 | 2 | <1 | 6 | <0.0001 | <1 | <5 | Penrhyn estuary | Outlet side of SQID |
| 18 December 2013 | 17:45:00 | 3 | 1 | BOT1 | 123 | 1/BOT1/123 | 1.4 | 7.8 | 47 | 1.2 | 0.42 | 1 | <0.1 | <1 | <1 | <1 | <5 | <0.0001 | <1 | <5 | #N/A | Seawater |
| 19 December 2013 | 13:20:00 | 4 | 2 | 15 | 123 | 2/15/123 | 48 | 7.8 | 31 | <0.05 | 0.46 | 1 | <0.1 | 2 | 2 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Inlet side of SQID |
| 19 December 2013 | 13:20:00 | 4 | 2 | 15 | 456 | 2/15/456 | 39 | 7.8 | 31 | <0.05 | 0.43 | <1 | <0.1 | 2 | 2 | <1 | <5 | <0.0001 | <1 | <5 | Flushing channel | Outlet side of SQID |
| 19 December 2013 | 12:00:00 | 4 | 2 | 1 | 123 | 2/1/123 | 2.3 | 7.7 | <5 | <0.05 | 0.48 | <1 | <0.1 | <1 | 1 | <1 | 23 | <0.0001 | <1 | <5 | Quay wall | Inlet side of SQID |
| 19 December 2013 | 12:00:00 | 4 | 2 | 1 | 456 | 2/1/456 | 2.4 | 7.8 | 7 | 0.05 | 0.52 | <1 | <0.1 | <1 | 1 | 1 | 29 | <0.0001 | <1 | <5 | Quay wall | Outlet side of SQID |
| 19 December 2013 | 11:40:00 | 4 | 2 | 2 | 123 | 2/2/123 | 3.6 | 7.8 | 5 | <0.05 | 0.38 | <1 | <0.1 | 2 | <1 | <1 | 10 | <0.0001 | <1 | <5 | Quay wall | Inlet side of SQID |
| 19 December 2013 | 11:40:00 | 4 | 2 | 2 | 456 | 2/2/456 | 3.8 | 7.8 | 7 | <0.05 | 0.31 | <1 | <0.1 | 2 | 1 | <1 | 8 | <0.0001 | <1 | <5 | Quay wall | Outlet side of SQID |
| 19 December 2013 | 12:15:00 | 4 | 2 | 4 | 123 | 2/4/123 | 7.2 | 7.8 | 20 | 0.06 | 0.59 | 2 | <0.1 | 3 | 1 | 1 | 32 | <0.0001 | <1 | <5 | Quay wall | Inlet side of SQID |
| 19 December 2013 | 12:25:00 | 4 | 2 | 4 | 456 | 2/4/456 | 5.1 | 7.8 | 6 | <0.05 | 0.56 | 2 | <0.1 | 3 | 1 | <1 | 35 | <0.0001 | <1 | <5 | Quay wall | Outlet side of SQID |
| 19 December 2013 | 12:25:00 | 4 | 2 | 5 | 123 | 2/5/123 | 15 | 7.8 | 36 | 0.19 | 0.96 | 1 | <0.1 | 1 | 2 | 3 | 86 | <0.0001 | <1 | <5 | Quay wall | Inlet side of SQID |
| 19 December 2013 | 12:25:00 | 4 | 2 | 5 | 456 | 2/5/456 | 4.8 | 7.9 | <5 | <0.05 | 0.39 | <1 | <0.1 | 3 | <1 | <1 | 38 | <0.0001 | <1 | <5 | Quay wall | Outlet side of SQID |
| 19 December 2013 | 12:43:00 | 4 | 2 | 7 | 123 | 2/7/123 | 8.3 | 7.9 | 37 | 0.15 | 1.3 | 1 | <0.1 | 7 | 1 | <1 | <5 | <0.0001 | <1 | <5 | Quay wall | Inlet side of SQID |
| 19 December 2013 | 12:43:00 | 4 | 2 | 7 | 456 | 2/7/456 | 15 | 7.9 | 16 | 0.06 | 0.3 | <1 | <0.1 | 7 | 1 | <1 | <5 | <0.0001 | <1 | <5 | Quay wall | Outlet side of SQID |
| 19 December 2013 | 13:00:00 | 4 | 2 | 8 | 123 | 2/8/123 | 9 | 7.8 | 41 | 0.1 | 0.3 | <1 | <0.1 | 2 | <1 | <1 | 12 | <0.0001 | <1 | <5 | Quay wall | Inlet side of SQID |
| 19 December 2013 | 13:00:00 | 4 | 2 | 8 | 456 | 2/8/456 | 3 | 7.9 | <5 | <0.05 | 0.24 | <1 | <0.1 | 7 | <1 | <1 | 8 | <0.0001 | <1 | <5 | Quay wall | Outlet side of SQID |
| 19 December 2013 | 13:40:00 | 4 | 2 | BOT1 | 123 | 2/BOT1/123 | 1 | 7.8 | 93 | 1.5 | 0.34 | 1 | <0.1 | <1 | <1 | <1 | <5 | <0.0001 | <1 | <5 | #N/A | Seawater |