# Surface Water Results August 2023

## City of Newcastle - Summerhill Waste Management Centre

*141 Minmi Road, Wallsend, NSW*

Environment Protection Licence 5897 - Condition M2 – Special Frequency 1 (Daily during discharge)
Monthly rainfall = 62.4

No Discharge at SW56 and SW59 for the month of August 2023

| **Purpose of Sampling** | | SW55, SW5 and SW58a | SW55, SW57 and SW58a | SW55, SW57 and SW58a |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 7/08/2023 | 8/08/2023 | 9/08/2023 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 8.93 | 8.92 | 8.81 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 7.44 | 7.40 | 7.53 |
| **SW58a** | **61** | 7.22 | 7.16 | 7.32 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 530 | 577 | 609 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 248 | 265 | 266 |
| **SW58a** | **61** | 706 | 651 | 623 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 55 | 38 | 52 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 13 | 12 | 18 |
| **SW58a** | **61** | 33 | 26 | 47 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | 0.07 | 0.15 | 0.05 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <0.05 | 0.08 | <0.05 |
| **SW58a** | **61** | <0.05 | 0.11 | <0.05 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 14 | 10 | 8 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <2 | 2 | <2 |
| **SW58a** | **61** | 2 | 2 | <2 |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55, SW57 and SW58a | SW55, SW57 and SW58a | SW55, SW57 and SW58a |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 10/08/2023 | 11/08/2023 | 12/08/2023 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 9.26 | 8.59 | 8.98 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 7.64 | 7.76 | 7.21 |
| **SW58a** | **61** | 6.91 | 7.45 | 7.00 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 616 | 643 | 646 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 255 | 272 | 273 |
| **SW58a** | **61** | 598 | 577 | 534 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 82 | 39 | 90 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 25 | 26 | 22 |
| **SW58a** | **61** | 16 | 12 | 10 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | <0.05 | 0.21 | <0.05 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <0.05 | <0.05 | <0.05 |
| **SW58a** | **61** | <0.05 | 0.06 | 0.06 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 15 | 9 | 26 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 2 | <2 | <2 |
| **SW58a** | **61** | 2 | 2 | <2 |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55, SW57 and SW58a | SW55, SW57 and SW58a | SW55, SW57 and SW58a |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 13/08/2023 | 14/08/2023 | 15/08/2023 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 9.69 | 9.36 | 9.12 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 8.26 | 8.02 | 7.66 |
| **SW58a** | **61** | 7.65 | 7.78 | 7.51 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 639 | 638 | 638 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 271 | 270 | 272 |
| **SW58a** | **61** | 485 | 412 | 481 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 35 | 49 | 37 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 78 | 40 | 14 |
| **SW58a** | **61** | 9 | 14 | 6 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | <0.05 | <0.05 | <0.05 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <0.05 | <0.05 | <0.05 |
| **SW58a** | **61** | 0.06 | <0.05 | <0.05 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 24 | 17 | 12 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <2 | <2 | 2 |
| **SW58a** | **61** | <2 | 2 | 2 |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55, SW57 and SW58a | SW55, SW57 and SW58a | SW55, SW57 and SW58a |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 16/08/2023 | 17/08/23 | 18/08/23 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 8.79 | 8.41 | 8.34 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 7.60 | 7.61 | 7.36 |
| **SW58a** | **61** | 7.43 | 7.41 | 7.24 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 644 | 655 | 649 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 270 | 270 | 265 |
| **SW58a** | **61** | 483 | 468 | 428 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 25 | 20 | 20 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 15 | 21 | 9 |
| **SW58a** | **61** | 7 | 6 | 11 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | <0.05 | 0.05 | 0.19 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <0.05 | <0.05 | <0.05 |
| **SW58a** | **61** | <0.05 | <0.05 | 0.07 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 13 | 9 | 6 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 3 | 2 | <2 |
| **SW58a** | **61** | 2 | 2 | <2 |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55, SW57 and SW58a | SW55, SW57 and SW58a | SW55 and SW57 |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 19/08/2023 | 20/08/2023 | 21/08/2023 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 7.69 | 8.10 | 7.70 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 7.42 | 7.74 | 7.59 |
| **SW58a** | **61** | 7.24 | 7.34 | 7.30 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 648 | 655 | 660 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 262 | 265 | 270 |
| **SW58a** | **61** | 467 | 490 | 493 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 21 | 27 | 21 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 10 | 19 | 33 |
| **SW58a** | **61** | 8 | 5 | 9 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | 0.37 | 0.30 | 0.51 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <0.05 | <0.05 | <0.05 |
| **SW58a** | **61** | <0.05 | <0.05 | 0.10 |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 3 | 4 | 4 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <2 | <2 | <2 |
| **SW58a** | **61** | <2 | <2 | <2 |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55 and SW57 | SW55 | SW55 |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 22/08/2023 | 23/08/2023 | 24/08/2023 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 7.87 | 7.98 | 8.26 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 7.48 | N/A | N/A |
| **SW58a** | **61** | 7.22 | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 673 | 685 | 678 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 274 | N/A | N/A |
| **SW58a** | **61** | 506 | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 17 | 31 | 23 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | 37 | N/A | N/A |
| **SW58a** | **61** | 10 | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | 0.56 | 0.52 | 0.48 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <0.05 | N/A | N/A |
| **SW58a** | **61** | 0.13 | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 3 | 5 | 5 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | <2 | N/A | N/A |
| **SW58a** | **61** | <2 | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55 | SW55 | SW55 |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 25/08/2023 | 26/08/2023 | 27/08/2023 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 8.01 | 7.76 | 8.13 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 679 | 679 | 702 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 22 | 77 | 44 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | 0.52 | 0.36 | 0.21 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 4 | 8 | 8 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55 | SW55 | SW55 |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 28/08/2023 | 29/08/2023 | 30/08/2023 |
| **Parameter:** | | | **pH (pH unit)** | |
| **SW55** | **55** | 8.68 | 8.97 | 8.57 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Electrical Conductivity (µS/cm)** | |
| **SW55** | **55** | 677 | 684 | 671 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Suspended Solids (mg/L)** | |
| **SW55** | **55** | 17 | 18 | 23 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Ammonia (mg/L)** | |
| **SW55** | **55** | 0.13 | 0.12 | 0.10 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |
| **Parameter:** | | | **Biological Oxygen Demand (mg/L)** | |
| **SW55** | **55** | 2 | 8 | 8 |
| **SW56** | **56** | N/A | N/A | N/A |
| **SW57** | **57** | N/A | N/A | N/A |
| **SW58a** | **61** | N/A | N/A | N/A |
| **SW59** | **66** | N/A | N/A | N/A |

# Surface Water Results August 2023

| Purpose of Sampling | | SW55, SW57 and SW58a | | |
|---|---|---|---|---|
| **CN ID** | **EPL ID** | 31/08/2023 | | |
| **Parameter:** | | **pH (pH unit)** | | |
| **SW55** | **55** | 9.18 | | |
| **SW56** | **56** | N/A | | |
| **SW57** | **57** | 7.55 | | |
| **SW58a** | **61** | 7.40 | | |
| **SW59** | **66** | N/A | | |
| **Parameter:** | | **Electrical Conductivity (µS/cm)** | | |
| **SW55** | **55** | 656 | | |
| **SW56** | **56** | N/A | | |
| **SW57** | **57** | 254 | | |
| **SW58a** | **61** | 222 | | |
| **SW59** | **66** | N/A | | |
| **Parameter:** | | **Suspended Solids (mg/L)** | | |
| **SW55** | **55** | 16 | | |
| **SW56** | **56** | N/A | | |
| **SW57** | **57** | 28 | | |
| **SW58a** | **61** | 8 | | |
| **SW59** | **66** | N/A | | |
| **Parameter:** | | **Ammonia (mg/L)** | | |
| **SW55** | **55** | <0.05 | | |
| **SW56** | **56** | N/A | | |
| **SW57** | **57** | 0.03 | | |
| **SW58a** | **61** | 0.02 | | |
| **SW59** | **66** | N/A | | |
| **Parameter:** | | **Biological Oxygen Demand (mg/L)** | | |
| **SW55** | **55** | 9 | | |
| **SW56** | **56** | N/A | | |
| **SW57** | **57** | 3 | | |
| **SW58a** | **61** | 4 | | |
| **SW59** | **66** | N/A | | |

# Surface Water Results August 2023

## Environment Protection Licence 5897 - Condition M2 – SF1, SF2 and SF3 Sampling

| | CN ID | | SW55 | SW56 | SW57 | SW57 | SW58a | SW58a | SW59 |
|---|---|---|---|---|---|---|---|---|---|
| | EPL ID | | 55 | 56 | 57 | 57 | 58 | 58 | 59 |
| **DATE** | | | 7/08/23 | 29/08/23<br>31/08/23 | 7/08/23 | 31/08/23 | 7/08/23 | 31/08/23 | 29/08/23<br>31/08/23 |
| **Parameter** | **Units** | **LOR** | | | | | | | |
| Alkalinity (as calcium carbonate) | mg/L | 1 | 133 | 130 | 66 | 87 | 86 | 67 | 139 |
| Aluminium | mg/L | 0.01 | 0.45 | 0.62 | 0.58 | 1.14 | 0.68 | 0.70 | 2.94 |
| Ammonia | mg/L | 0.05 | 0.07 | 0.45 | <0.05 | 0.03 | <0.05 | 0.02 | 0.60 |
| Arsenic | mg/L | 0.001 | 0.003 | 0.002 | <0.001 | 0.002 | 0.002 | 0.003 | 0.002 |
| Barium | mg/L | 0.001 | 0.032 | 0.072 | 0.024 | 0.039 | 0.050 | 0.025 | 0.051 |
| Benzene | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| BOD | mg/L | 2 | 14 | <2 | <2 | 3 | 2 | 4 | <2 |
| Cadmium | mg/L | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Calcium | mg/L | 1 | 22 | 70 | 7 | 6 | 25 | 11 | 30 |
| Chloride | mg/L | 1 | 68 | 227 | 30 | 35 | 119 | 29 | 178 |
| Chromium (Hex) | mg/L | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Chromium (Total) | mg/L | 0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 |
| Cobalt | mg/L | 0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.003 |
| Copper | mg/L | 0.001 | 0.002 | 0.004 | <0.001 | <0.001 | 0.003 | 0.002 | 0.004 |
| Electrical Conductivity | uS/cm | 10 | 530 | 1050 | 248 | 254 | 706 | 222 | 1160 |
| Ethyl benzene | mg/L | 0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 |
| Fluoride | mg/L | 0.1 | 0.3 | 0.4 | 0.2 | 0.3 | 0.2 | 0.2 | 0.6 |
| Iron | mg/L | 0.05 | 0.51 | 0.45 | 0.70 | 1.68 | 0.64 | 0.84 | 2.68 |
| Lead | mg/L | 0.001 | 0.001 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | 0.003 |
| Magnesium | mg/L | 1 | 11 | 19 | 4 | 4 | 14 | 5 | 26 |
| Manganese | mg/L | 0.001 | 0.087 | 0.168 | 0.038 | 0.124 | 0.049 | 0.075 | 0.514 |
| Mercury | mg/L | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Nitrate as N | mg/L | 0.01 | 0.24 | 1.24 | 0.11 | <0.01 | 0.94 | 0.82 | 0.33 |
| Organochlorine Pesticides | mg/L | 0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| Organophosphate Pesticides | mg/L | 0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| pH | pH Units | 0.01 | 8.93 | 7.96 | 7.44 | 7.55 | 7.22 | 7.40 | 7.82 |
| Polycyclic Aromatic Hydrocarbons | mg/L | 0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| Potassium | mg/L | 1 | 14 | 9 | 5 | 6 | 9 | 7 | 7 |

# Surface Water Results August 2023

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sodium | mg/L | 1 | 62 | 126 | 35 | 42 | 83 | 28 | 184 |
| Sulfate | mg/L | 1 | 37 | 93 | 10 | 8 | 45 | 11 | 213 |
| Total Suspended Solids | mg/L | 5 | 55 | 7 | 13 | 28 | 33 | 8 | 21 |
| Toluene | mg/L | 0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 | <0.002 |
| Total Dissolved Solids | mg/L | 10 | 318 | 640 | 159 | 184 | 432 | 153 | 795 |
| Total Organic Carbon | mg/L | 1 | 19 | 12 | 11 | 12 | 13 | 13 | 12 |
| Total Petroleum Hydrocarbons | mg/L | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| Total Phenolics | mg/L | 0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| Zinc | mg/L | 0.005 | 0.016 | 0.011 | <0.005 | <0.005 | 0.007 | 0.041 | 0.019 |

## Summerhill Waste Management Centre

*141 Minmi Road, Wallsend, NSW*

Final data obtained: 8/09/2023
Date published: 15/09/2023

Notes:
CN = City of Newcastle
EPL = Environment Protection Licence
NR = no result (non-compliant sample, water body dry etc)
NA = Not applicable, sample not required
1. Water body not discharging from site
2. SW58a located in Wentworth Creek and impacted by other catchment activities.

A copy of the Environmental Protection Licence can be viewed at:
http://app.epa.nsw.gov.au/prpoeoapp/

A map showing the location of monitoring points can be viewed at:
https://www.newcastle.nsw.gov.au/Living/Waste-and-recycling/Summerhill-Waste-management-Centre/Environmental-Monitoring