water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

# SEPT/OCT SAMPLING RUN

| | |
|---|---|
| Name of Sampler | Charon Russell |
| Region | Eastern Cape |
| Area | East London |

Adelaide

water & sanitation
Department: Water and Sanitation
REPUBLIC OF SOUTH AFRICA

# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMADL1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3226CB00034 | Monitoring Feature Id | 89866 |
| Site Name | Klipplatts Drift Ptn. Adelaide Town 0130 | | |
| Latitude | -32° 42' 43.70" | Longitude | 26° 17' 25.01" |
| Site Type | Borehole | Depth | 110.00 m |
| Pump Type | Mono Type Pump | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Tony Mier | | |
| Address | 22 Stockenstroom | | |
| Suburb | ADELAIDE | Town | - |
| Contact Type | | Contact Details | |
| Mobile Phone Number | | 0768966751 | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 28/10/2025 | Sampling Time | 10:32 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMBRM1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3326DA00169 | Monitoring Feature Id | 89921 |
| Site Name | KWAAIHOEK 0349 | | |
| Latitude | -33° 41' 35.56" | Longitude | 26° 39' 29.48" |
| Site Type | Borehole | Depth | 6.50 m |
| Pump Type | Mono Type Pump | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Brown,HI | | |
| Address | | | |
| Suburb | | Town | |
| Contact Type | | Contact Details | |
| Business Phone Number | | 0833799947 | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 21/10/2025 | Sampling Time | 13:30 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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REPUBLIC OF SOUTH AFRICA

# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMCBG2

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3326AA00068 | Monitoring Feature Id | 177406 |
| Site Name | WENTZEL KOESTER 0069 | | |
| Latitude | -33° 7' 30.79" | Longitude | 26° 12' 35.50" |
| Site Type | Borehole | Depth | 41.20 m |
| Pump Type | Positive Displacement | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | van Kerken | | |
| Address | | | |
| Suburb | | Town | |

| Contact Type | Contact Details |
|---|---|
| Home Phone Number | 0422351392 |
| Mobile Phone Number | 0833068387 |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | | NO | ✓ |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 28/10/2025 | Sampling Time | 12:43 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | | Meter Reading | |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

Pump not working. Could not sample the borehole.

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMCPD1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3326CD00170 | Monitoring Feature Id | 89957 |
| Site Name | CAPE PADRONE 0000 | | |
| Latitude | -33° 46' 14.99" | Longitude | 26° 27' 39.60" |
| Site Type | Borehole | Depth | 0 m |
| Pump Type | | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Alexandria Municipality | | |
| Address | Alexandria Municipality | | |
| Suburb | ALEXANDRIA | Town | - |

| Contact Type | Contact Details |
|---|---|
| Business Phone Number | 0466531071 |
| Mobile Phone Number | 0794378324 |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | 21 | 1483 | 07.76 | 4.31 | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 20/10/2025 | Sampling Time | 12:36 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [X]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | | Meter Reading | |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | E. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMFRR1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3326AA00049 | Monitoring Feature Id | 89990 |
| Site Name | BEDROEFD KLEIN 0057 | | |
| Latitude | -33° 3' 10.69" | Longitude | 26° 4' 14.81" |
| Site Type | Borehole | Depth | 30.90 m |
| Pump Type | Submersible Pump | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Luke Corbett | | |
| Address | | | |
| Suburb | | Town | |

| | |
|---|---|
| Contact Type | Contact Details |
| Business Phone Number | 0422351624 |
| Home Phone Number | 0422351625 |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | 23.8 | 1710 | 7.9 | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 28/10/2025 | Sampling Time | 11:50 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [X]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

Scaled

## ZQMGHT1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | EC/P40/0400 | Monitoring Feature Id | 1000265823 |
| Site Name | | | |
| Latitude | -33° 19' 43.07" | Longitude | 26° 32' 44.16" |
| Site Type | Spring | Depth | 0 m |
| Pump Type | | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | | | |
| Address | | | |
| Suburb | | Town | |
| Contact Details | | | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 28/10/2025 | Sampling Time | 13:40 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMKMG1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 033162 | Monitoring Feature Id | 90050 |
| Site Name | KOMGA TOWNLANDS 0001 | | |
| Latitude | -32° 34' 54.59" | Longitude | 27° 52' 56.78" |
| Site Type | Borehole | Depth | 53.00 m |
| Pump Type | Positive Displacement | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Konga Municipality | | |
| Address | | | |
| Suburb | | Town | |
| Contact Type | | Contact Details | |
| Mobile Phone Number | | 0738908156 | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | 20.5 | 916 | 7.10 | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 27/10/2025 | Sampling Time | 12:23 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [X]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMMND1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3326BD00149 | Monitoring Feature Id | 90111 |
| Site Name | GREATHEAD 0048 | | |
| Latitude | -33° 22' 13.58" | Longitude | 26° 48' 58.50" |
| Site Type | Borehole | Depth | 55.00 m |
| Pump Type | Positive Displacement | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Niehaus | | |
| Address | Martindale | | |
| Suburb | GRAHAMSTOWN | Town | - |
| Contact Type | | Contact Details | |
| Mobile Phone Number | | 0834535848 | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | | Sampling Time | |

EC Measurement Unit mS/m ☐ mS/cm ☐ µS/cm ☐

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | | Meter Reading | |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | | | |
| Rank | | Office | |

To be closed. Site visited on 21/10/2025. Pump has been removed and not yet replaced.

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMMND3

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | EC/P40/0401 | Monitoring Feature Id | 1000265825 |
| Site Name | Silver Oars 0000 | | |
| Latitude | -33° 22' 12.65" | Longitude | 26° 48' 48.24" |
| Site Type | Borehole | Depth | 0 m |
| Pump Type | | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | | | |
| Address | | | |
| Suburb | | Town | |
| Contact Details | | | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 21/10/2025 | Sampling Time | 11:50 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMNOB1

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3127DD00023 | Monitoring Feature Id | 184353 |
| Site Name | NOBOKWE 0007 | | |
| Latitude | -31° 53' 19.93" | Longitude | 27° 50' 19.57" |
| Site Type | Spring | Depth | 0 m |
| Pump Type | | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Ndlwana,S | | |
| Address | | | |
| Suburb | | Town | |
| Contact Details | | | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | 19.9 | 1404 | 8.51 | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 27/10/2025 | Sampling Time | 09:27 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C.RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

**ZQMQSN1** Handed in

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3126DC00282 | Monitoring Feature Id | 89695 |
| Site Name | DE WETSPUNT 0193 | | |
| Latitude | -31° 53' 37.93" | Longitude | 26° 35' 22.49" |
| Site Type | Borehole | Depth | 34.70 m |
| Pump Type | | Pump Depth | 0 m |
| Equipment | No Equipment | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | | | |
| Address | | | |
| Suburb | | Town | |
| Contact Details | | | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 24/10/2025 | Sampling Time | 12:24 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

### ZQMSSM2

**Geosite Information**

| | | | |
|---|---|---|---|
| NGA Identifier | 3126DA00297 | Monitoring Feature Id | 89739 |
| Site Name | STERKSTROOM MEENT 0002 | | |
| Latitude | -31° 35' 28.93" | Longitude | 26° 43' 29.50" |
| Site Type | Spring | Depth | 0 m |
| Pump Type | | Pump Depth | 0 m |
| Equipment | | | |

**Owner Information**

| | | | |
|---|---|---|---|
| Name | | | |
| Address | | | |
| Suburb | | Town | |
| Contact Details | | | |

**Arriving At Borehole/Monitoring Point**

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

**Sampling**

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

Sampling Date: 24/10/2025 Sampling Time: —

EC Measurement Unit: mS/m [ ] mS/cm [ ] µS/cm [ ]

**After Sampling Has Been Completed**

Water Level: — Meter Reading: —

**Sampler Information**

Name: C. RUSSELL

Rank: CST Office: EAST LONDON

Spring was dry. No sample could be taken.

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMSTH2

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | EC/S60/0291 | Monitoring Feature Id | 1000265827 |
| Site Name | Stuterheim 0237 | | |
| Latitude | -32° 29' 30.44" | Longitude | 27° 29' 7.98" |
| Site Type | Borehole | Depth | 0 m |
| Pump Type | | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | | | |
| Address | | | |
| Suburb | | Town | |
| Contact Details | | | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 27/10/2025 | Sampling Time | 14:35 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | ✓ | Meter Reading | ✓ |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMTAR3

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3126CD00102 | Monitoring Feature Id | 184412 |
| Site Name | GOLDEN VALLEY 0129 | | |
| Latitude | -31° 57' 30.02" | Longitude | 26° 16' 34.18" |
| Site Type | Borehole | Depth | 50.00 m |
| Pump Type | Submersible Pump | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Tsolwana Local Municipality | | |
| Address | No.12 Murray Street | | |
| Suburb | TARKASTAD | Town | - |

| Contact Type | Contact Details |
|---|---|
| Business Phone Number | 0458460195 |
| Mobile Phone Number | 0785916636 |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

Sampling Date: 24/10/2025 Sampling Time: 11:04

EC Measurement Unit: mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

Water Level: — Meter Reading: —

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme
## Field Books
Eastern Cape - Charon Russell

## ZQMTKA2

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | 3228AD00008 | Monitoring Feature Id | 1000000056 |
| Site Name | TUTURA GED. TEKO KONA 0004 | | |
| Latitude | -32° 20' 40.70" | Longitude | 28° 16' 9.70" |
| Site Type | Borehole | Depth | 36.40 m |
| Pump Type | Submersible Pump | Pump Depth | 0 m |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | Buso | | |
| Address | | | |
| Suburb | | Town | |
| Contact Type | | Contact Details | |
| Mobile Phone Number | | 0717265032 | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | 23.3 | 595 | 7.07 | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 27/10/2025 | Sampling Time | 11:00 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | | Meter Reading | |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme

**ZQM Number:** KDB1

## Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | EC/R40/0311 | Monitoring Feature Id | 1000265829 |
| Site Name | Kidds Beach | | |
| Latitude | 33°08'57.20" | Longitude | 27°41'44.93" |
| Site Type | Borehole | Depth | |
| Town | | Village | |
| Province | EC | District Municipality | Buffalo City Metro Muni |
| Pump Type | | Pump Depth | |
| Equipment | | | |

## Owner Information

| | | | |
|---|---|---|---|
| Name | Kidds Beach Police Station | | |
| Address | | | |
| Suburb | | Town | |

| Contact Type | Contact Details |
|---|---|
| | |

## Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | ✓ | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

## Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | 21/10/2025 | Sampling Time | 15:20 |

EC Measurement Unit mS/m [ ] mS/cm [ ] µS/cm [ ]

## After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | — | Meter Reading | — |

## Sampler Information

| | | | |
|---|---|---|---|
| Name | C. RUSSELL | | |
| Rank | CST | Office | EAST LONDON |

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# National Groundwater Quality Monitoring Programme

## ZQM Number:

### Geosite Information

| | | | |
|---|---|---|---|
| NGA Identifier | | Monitoring Feature Id | |
| Site Name | | | |
| Latitude | | Longitude | |
| Site Type | | Depth | |
| Town | | Village | |
| Province | | District Municipality | |
| Pump Type | | Pump Depth | |
| Equipment | | | |

### Owner Information

| | | | |
|---|---|---|---|
| Name | | | |
| Address | | | |
| Suburb | | Town | |

| Contact Type | Contact Details |
|---|---|
| | |

### Arriving At Borehole/Monitoring Point

| | | | | |
|---|---|---|---|---|
| Is The Pump On? | YES | | NO | |
| Water Level Before The Pump Is Switched On | | | | |
| Meter Reading Before The Pump Is Switched On | | | | |

### Sampling

| | Temperature | EC | pH | DO | ALK |
|---|---|---|---|---|---|
| 5 Minutes | | | | | |
| 10 Minutes | | | | | |
| 15 Minutes | | | | | |
| Final | | | | | |

If Field Measurements did not stabilised by now, continue with the next time sheet.

| | | | | | |
|---|---|---|---|---|---|
| 20 Minutes | | | | | |
| 40 Minutes | | | | | |
| 60 Minutes | | | | | |
| 80 Minutes | | | | | |
| 100 Minutes | | | | | |
| 120 Minutes | | | | | |

| | | | |
|---|---|---|---|
| Sampling Date | | Sampling Time | |

EC Measurement Unit mS/m ☐ mS/cm ☐ µS/cm ☐

### After Sampling Has Been Completed

| | | | |
|---|---|---|---|
| Water Level | | Meter Reading | |

### Sampler Information

| | | | |
|---|---|---|---|
| Name | | | |
| Rank | | Office | |