

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6
LAB NO :

F 538

Att : Thabo Mogashwa

| | Analysis Results mg/l | Police Station | SANS Standards -241 (2011) Domestic Water |
|------------------------------|--|----------------|---|
| | | | Standard Limits |
| Physical requirements | | | |
| | Colour as Pt-Co | <5.0 | ≤ 15 |
| | Conductivity at 25° C in mS/m | 21 | ≤ 170 |
| | Total Dissolved Solids | 138 | ≤ 1 200 |
| | Odour | Not Applicable | Inoffensive |
| | pH-Value at 25 ° C | 7.95 | ≥ 5.0 to ≤ 9.7 |
| | Taste | Not Applicable | Inoffensive |
| | Turbidity as N.T.U. | 0.34 | Operational ≤ 1.0 - Aesthetic ≤ 5.0 |
| | Total Alkalinity as CaCO ₃ | 53 | |
| Macro Determinants | | | |
| | Free & Saline Ammonia NH ₃ as N | <0.20 | |
| | Calcium as Ca | 13.2 | |
| | Chlorides as Cl | 21 | ≤300 |
| | Fluoride as F | <0.20 | ≤1.5 |
| | Magnesium as Mg | 8.63 | |
| | Nitrate & Nitrite as N | 0.32 | ≤ 11 |
| | Potassium as K | 2.20 | |
| | Sodium as Na | 18.3 | ≤ 200 |
| | Sulphate as SO ₄ | 24.8 | Acute Health ≤ 500 - Aesthetic ≤ 250 |
| | Zinc as Zn | 0.03 | ≤5 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

F 538

| | Analysis Results | Police Station | SANS Standards -241 (2011) Domestic Water |
|---|-----------------------|----------------|---|
| | | | Standard Limits |
| Micro Determinants µg/l | | | |
| | Aluminium as Al | 265 | ≤ 300 |
| | Antimony as Sb | 1.53 | ≤20 |
| | Arsenic as As | <1 | ≤10 |
| | Cadmium as Cd | <1 | ≤3 |
| | Total Chromium as Cr | <1 | ≤50 |
| | Cobalt as Co | <1 | ≤500 |
| | Copper as Cu | 1.28 | ≤2000 |
| | Cyanide as CN * | <70 | ≤70 |
| | Iron as Fe | 131 | Chronic Health ≤ 2000 - Aesthetic ≤ 300 |
| | Lead as Pb | <1 | ≤10 |
| | Manganese as Mn | 16 | Chronic Health ≤ 500 - Aesthetic ≤ 100 |
| | Mercury as Hg | <1 | ≤6 |
| | Nickel as Ni | <1 | ≤70 |
| | Selenium as Se | <1 | ≤10 |
| | Vanadium as V | 3.65 | ≤200 |
| Organics Determinants mg/l | | | |
| | Total Organic Carbon | 3.00 | ≤ 10 |
| | Total Trihalomethanes | Attached | |
| | Phenolic Compounds | Attached | ≤ 0.01 |
| All heavy metal analyses have been performed on filtered samples. Tests marked with an asterisk * are not SANAS accredited These results are related only to the items tested | | | These results must be read in conjunction with the Uncertainty of Measurement list as provided by Regen Waters Laboratory |

QUALITY CONTROL CHECKS

| | |
|---------------------------------|------|
| Cation Balance | 2.22 |
| Anion Balance | 2.19 |
| % Difference | 0.6 |
| Measured TDS | 138 |
| Calculated TDS | 122 |
| Limits > 1.0 - <1.2 | 1.1 |
| Calcul TDS / E.C. (0.55 - 0.70) | 0.6 |


 P.L.G UYS (M.D.)
 Technical Signatory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6
LAB NO :

Our Ref : KPS / 538 - 543 / H / 08 / 14

Att : Thabo Mogashwa

F 539

| | Analysis Results mg/l | Koorfontein Mine | SANS Standards -241 (2011) Domestic Water Standard Limits |
|------------------------------|--|------------------|--|
| Physical requirements | | | |
| | Colour as Pt-Co | <5 | ≤ 15 |
| | Conductivity at 25° C in mS/m | 20.8 | ≤ 170 |
| | Total Dissolved Solids | | ≤ 1 200 |
| | Odour | Not applicable | Inoffensive |
| | pH-Value at 25 ° C | 8.14 | ≥ 5.0 to ≤ 9.7 |
| | Taste | Not applicable | Inoffensive |
| | Turbidity as N.T.U. | 1.22 | Operational ≤ 1.0 - Aesthetic ≤ 5.0 |
| | Total Alkalinity as CaCO ₃ | 53 | |
| Macro Determinants | | | |
| | Free & Saline Ammonia NH ₃ as N | 0.28 | |
| | Calcium as Ca | 12.6 | |
| | Chlorides as Cl | 20.6 | ≤300 |
| | Fluoride as F | <0.20 | ≤1.5 |
| | Magnesium as Mg | 8.64 | |
| | Nitrate & Nitrite as N | 0.28 | ≤ 11 |
| | Potassium as K | 2.31 | |
| | Sodium as Na | 17.3 | ≤ 200 |
| | Sulphate as SO ₄ | 24.6 | Acute Health ≤ 500 - Aesthetic ≤ 250 |
| | Zinc as Zn | 0.04 | ≤5 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 / 14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6

Att : Thabo Mogashwa

LAB NO :

F 539

| | Analysis Results | Koorfontein Mine | SANS Standards -241 (2011) Domestic Water |
|-----------------------------------|-----------------------|------------------|---|
| | | | Standard Limits |
| Micro Determinants µg/l | | | |
| | Aluminium as Al | 279 | ≤ 300 |
| | Antimony as Sb | 1.21 | ≤ 20 |
| | Arsenic as As | <1 | ≤ 10 |
| | Cadmium as Cd | <1 | ≤ 3 |
| | Total Chromium as Cr | <1 | ≤ 50 |
| | Cobalt as Co | <1 | ≤ 500 |
| | Copper as Cu | <1 | ≤ 2000 |
| | Cyanide as CN * | <70 | ≤ 70 |
| | Iron as Fe | 149 | Chronic Health ≤ 2000 - Aesthetic ≤ 300 |
| | Lead as Pb | <1 | ≤ 10 |
| | Manganese as Mn | 13 | Chronic Health ≤ 500 - Aesthetic ≤ 100 |
| | Mercury as Hg | <1 | ≤ 6 |
| | Nickel as Ni | <1 | ≤ 70 |
| | Selenium as Se | <1 | ≤ 10 |
| | Vanadium as V | 3.54 | ≤ 200 |
| Organics Determinants mg/l | | | |
| | Total Organic Carbon | 3.11 | ≤ 10 |
| | Total Trihalomethanes | Attached | |
| | Phenolic Compounds | Attached | ≤ 0.01 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

QUALITY CONTROL CHECKS

| | |
|---------------------------------|------|
| Cation Balance | 2.15 |
| Anion Balance | 2.17 |
| % Difference | -0.5 |
| Measured TDS | 136 |
| Calculated TDS | 120 |
| Limits > 1.0 - <1.2 | 1.1 |
| Calcul TDS / E.C. (0.55 - 0.70) | 0.6 |



P.L.G UYS (M.D.)
Technical Signatory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

F 540

| | Analysis Results mg/l | The Club | SANS Standards -241 (2011) Domestic Water |
|------------------------------|--|----------------|---|
| | | | Standard Limits |
| Physical requirements | | | |
| | Colour as Pt-Co | <5 | ≤ 15 |
| | Conductivity at 25° C in mS/m | 20.6 | ≤ 170 |
| | Total Dissolved Solids | 134 | ≤ 1 200 |
| | Odour | Not applicable | Inoffensive |
| | pH-Value at 25 ° C | 8.18 | ≥ 5.0 to ≤ 9.7 |
| | Taste | Not applicable | Inoffensive |
| | Turbidity as N.T.U. | 0.94 | Operational ≤ 1.0 - Aesthetic ≤ 5.0 |
| | Total Alkalinity as CaCO ₃ | 52 | |
| Macro Determinants | | | |
| | Free & Saline Ammonia NH ₃ as N | 0.25 | |
| | Calcium as Ca | 12.5 | |
| | Chlorides as Cl | 20.6 | ≤300 |
| | Fluoride as F | <0.20 | ≤1.5 |
| | Magnesium as Mg | 8.7 | |
| | Nitrate & Nitrite as N | 0.31 | ≤ 11 |
| | Potassium as K | 2.21 | |
| | Sodium as Na | 16.6 | ≤ 200 |
| | Sulphate as SO ₄ | 25.5 | Acute Health ≤ 500 - Aesthetic ≤ 250 |
| | Zinc as Zn | 0.04 | ≤5 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

F 540

| | Analysis Results | The Club | SANS Standards -241 (2011) Domestic Water |
|---|-----------------------|----------|---|
| | | | Standard Limits |
| Micro Determinants µg/l | | | |
| | Aluminium as Al | 275 | ≤ 300 |
| | Antimony as Sb | 1.09 | ≤20 |
| | Arsenic as As | <1 | ≤10 |
| | Cadmium as Cd | <1 | ≤3 |
| | Total Chromium as Cr | <1 | ≤50 |
| | Cobalt as Co | <1 | ≤500 |
| | Copper as Cu | 6.22 | ≤2000 |
| | Cyanide as CN * | <70 | ≤70 |
| | Iron as Fe | 97 | Chronic Health ≤ 2000 - Aesthetic ≤ 300 |
| | Lead as Pb | <1 | ≤10 |
| | Manganese as Mn | <10 | Chronic Health ≤ 500 - Aesthetic ≤ 100 |
| | Mercury as Hg | <1 | ≤6 |
| | Nickel as Ni | <1 | ≤70 |
| | Selenium as Se | <1 | ≤10 |
| | Vanadium as V | 4.00 | ≤200 |
| Organics Determinants mg/l | | | |
| | Total Organic Carbon | 3.10 | ≤ 10 |
| | Total Trihalomethanes | Attached | |
| | Phenolic Compounds | Attached | ≤ 0.01 |
| All heavy metal analyses have been performed on filtered samples. Tests marked with an asterisk * are not SANAS accredited These results are related only to the items tested | | | These results must be read in conjunction with the Uncertainty of Measurement list as provided by Regen Waters Laboratory |

QUALITY CONTROL CHECKS

| | |
|---------------------------------|------|
| Cation Balance | 2.12 |
| Anion Balance | 2.17 |
| % Difference | -1.3 |
| Measured TDS | 134 |
| Calculated TDS | 119 |
| Limits > 1.0 - <1.2 | 1.1 |
| Calcul TDS / E.C. (0.55 - 0.70) | 0.6 |



P.L.G UYS (M.D.)
Technical Signatory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 Augsut 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

F 541

| | Analysis Results mg/l | Raw H ₂ O | SANS Standards -241 (2011) Domestic Water Standard Limits |
|------------------------------|--|----------------------|--|
| Physical requirements | | | |
| | Colour as Pt-Co | <5 | ≤ 15 |
| | Conductivity at 25° C in mS/m | 17.0 | ≤ 170 |
| | Total Dissolved Solids | 118 | ≤ 1 200 |
| | Odour | Not Applicable | Inoffensive |
| | pH-Value at 25 ° C | 8.01 | ≥ 5.0 to ≤ 9.7 |
| | Taste | Not Applicable | Inoffensive |
| | Turbidity as N.T.U. | 5.85 | Operational ≤ 1.0 - Aesthetic ≤ 5.0 |
| | Total Alkalinity as CaCO ₃ | 48 | |
| Macro Determinants | | | |
| | Free & Saline Ammonia NH ₃ as N | <0.20 | |
| | Calcium as Ca | 12.8 | |
| | Chlorides as Cl | 10.8 | ≤300 |
| | Fluoride as F | <0.20 | ≤1.5 |
| | Magnesium as Mg | 8.89 | |
| | Nitrate & Nitrite as N | 0.29 | ≤ 11 |
| | Potassium as K | 2.36 | |
| | Sodium as Na | 10.3 | ≤ 200 |
| | Sulphate as SO ₄ | 28.1 | Acute Health ≤ 500 - Aesthetic ≤ 250 |
| | Zinc as Zn | 0.03 | ≤5 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

F 541

| | Analysis Results | Raw H ₂ O | SANS Standards -241 (2011) Domestic Water |
|---|-----------------------|----------------------|---|
| | | | Standard Limits |
| Micro Determinants µg/l | | | |
| | Aluminium as Al | 482 | ≤ 300 |
| | Antimony as Sb | <1 | ≤20 |
| | Arsenic as As | <1 | ≤10 |
| | Cadmium as Cd | <1 | ≤3 |
| | Total Chromium as Cr | 1.07 | ≤50 |
| | Cobalt as Co | <1 | ≤500 |
| | Copper as Cu | 1.54 | ≤2000 |
| | Cyanide as CN * | <70 | ≤70 |
| | Iron as Fe | 455 | Chronic Health ≤ 2000 - Aesthetic ≤ 300 |
| | Lead as Pb | <1 | ≤10 |
| | Manganese as Mn | <10 | Chronic Health ≤ 500 - Aesthetic ≤ 100 |
| | Mercury as Hg | <1 | ≤6 |
| | Nickel as Ni | 1.62 | ≤70 |
| | Selenium as Se | <1 | ≤10 |
| | Vanadium as V | 5.00 | ≤200 |
| Organics Determinants mg/l | | | |
| | Total Organic Carbon | 6.05 | ≤ 10 |
| | Total Trihalomethanes | Attached | |
| | Phenolic Compounds | Attached | ≤ 0.01 |
| All heavy metal analyses have been performed on filtered samples. Tests marked with an asterisk * are not SANAS accredited These results are related only to the items tested | | | These results must be read in conjunction with the Uncertainty of Measurement list as provided by Regen Waters Laboratory |

QUALITY CONTROL CHECKS

| | |
|---------------------------------|------|
| Cation Balance | 1.88 |
| Anion Balance | 1.87 |
| % Difference | 0.2 |
| Measured TDS | 118 |
| Calculated TDS | 104 |
| Limits > 1.0 - <1.2 | 1.1 |
| Calcul TDS / E.C. (0.55 - 0.70) | 0.6 |



P.L.G UYS (M.D.)
Technical Signatory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 Augsut 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

| | Analysis Results mg/l | H ₂ O Plant | SANS Standards -241 (2011) Domestic Water Standard Limits |
|------------------------------|--|------------------------|--|
| F 542 | | | |
| Physical requirements | | | |
| | Colour as Pt-Co | <5 | ≤ 15 |
| | Conductivity at 25° C in mS/m | 20.6 | ≤ 170 |
| | Total Dissolved Solids | 134 | ≤ 1 200 |
| | Odour | Not Applicable | Inoffensive |
| | pH-Value at 25 ° C | 8.05 | ≥ 5.0 to ≤ 9.7 |
| | Taste | Not Applicable | Inoffensive |
| | Turbidity as N.T.U. | 0.34 | Operational ≤ 1.0 - Aesthetic ≤ 5.0 |
| | Total Alkalinity as CaCO ₃ | 51 | |
| Macro Determinants | | | |
| | Free & Saline Ammonia NH ₃ as N | <0.20 | |
| | Calcium as Ca | 12.3 | |
| | Chlorides as Cl | 19.7 | ≤300 |
| | Fluoride as F | <0.20 | ≤1.5 |
| | Magnesium as Mg | 8.60 | |
| | Nitrate & Nitrite as N | 0.29 | ≤ 11 |
| | Potassium as K | 2.19 | |
| | Sodium as Na | 15.9 | ≤ 200 |
| | Sulphate as SO ₄ | 25.0 | Acute Health ≤ 500 - Aesthetic ≤ 250 |
| | Zinc as Zn | 0.04 | ≤5 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

F 542

| | Analysis Results | H ₂ O Plant | SANS Standards -241 (2011) Domestic Water |
|---|-----------------------|------------------------|---|
| | | | Standard Limits |
| Micro Determinants µg/l | | | |
| | Aluminium as Al | 366 | ≤ 300 |
| | Antimony as Sb | <1 | ≤20 |
| | Arsenic as As | <1 | ≤10 |
| | Cadmium as Cd | <1 | ≤3 |
| | Total Chromium as Cr | <1 | ≤50 |
| | Cobalt as Co | <1 | ≤500 |
| | Copper as Cu | 1.00 | ≤2000 |
| | Cyanide as CN * | <70 | ≤70 |
| | Iron as Fe | 249 | Chronic Health ≤ 2000 - Aesthetic ≤ 300 |
| | Lead as Pb | <1 | ≤10 |
| | Manganese as Mn | <10 | Chronic Health ≤ 500 - Aesthetic ≤ 100 |
| | Mercury as Hg | <1 | ≤6 |
| | Nickel as Ni | <1 | ≤70 |
| | Selenium as Se | <1 | ≤10 |
| | Vanadium as V | 3.79 | ≤200 |
| Organics Determinants mg/l | | | |
| | Total Organic Carbon | 3.15 | ≤ 10 |
| | Total Trihalomethanes | Attached | |
| | Phenolic Compounds | Attached | ≤ 0.01 |
| All heavy metal analyses have been performed on filtered samples. Tests marked with an asterisk * are not SANAS accredited These results are related only to the items tested | | | These results must be read in conjunction with the Uncertainty of Measurement list as provided by Regen Waters Laboratory |

QUALITY CONTROL CHECKS

| | |
|---------------------------------|------|
| Cation Balance | 2.07 |
| Anion Balance | 2.12 |
| % Difference | -1.1 |
| Measured TDS | 134 |
| Calculated TDS | 116 |
| Limits > 1.0 - <1.2 | 1.2 |
| Calcul TDS / E.C. (0.55 - 0.70) | 0.6 |



P.L.G UYS (M.D.)
Technical Signatory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 /14

Date Received : 7 August 2014
Date Reported : 21 Augsut 2014
Quantity Analyzed : 6
LAB NO :

Att : Thabo Mogashwa

F 543

| | Analysis Results mg/l | Municipality | SANS Standards -241 (2011) Domestic Water Standard Limits |
|------------------------------|--|----------------|--|
| Physical requirements | | | |
| | Colour as Pt-Co | <5 | ≤ 15 |
| | Conductivity at 25° C in mS/m | 21.2 | ≤ 170 |
| | Total Dissolved Solids | 136 | ≤ 1 200 |
| | Odour | Not Applicable | Inoffensive |
| | pH-Value at 25 ° C | 8.15 | ≥ 5.0 to ≤ 9.7 |
| | Taste | Not Applicable | Inoffensive |
| | Turbidity as N.T.U. | 0.39 | Operational ≤ 1.0 - Aesthetic ≤ 5.0 |
| | Total Alkalinity as CaCO ₃ | 54 | |
| Macro Determinants | | | |
| | Free & Saline Ammonia NH ₃ as N | <0.20 | |
| | Calcium as Ca | 12.6 | |
| | Chlorides as Cl | 21.0 | ≤300 |
| | Fluoride as F | <0.20 | ≤1.5 |
| | Magnesium as Mg | 8.72 | |
| | Nitrate & Nitrite as N | 0.31 | ≤ 11 |
| | Potassium as K | 2.24 | |
| | Sodium as Na | 18.0 | ≤ 200 |
| | Sulphate as SO ₄ | 24.3 | Acute Health ≤ 500 - Aesthetic ≤ 250 |
| | Zinc as Zn | 0.56 | ≤5 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

KOMATI POWERSTATION

PRIVATE BAG X
BLINKPAN
2250

CHEMICAL ANALYSIS

Our Ref : KPS / 538 - 543 / H / 08 / 14

Date Received : 7 August 2014
Date Reported : 21 August 2014
Quantity Analyzed : 6

Att : Thabo Mogashwa

LAB NO :

F 543

| | Analysis Results | Municipality | SANS Standards -241 (2011) Domestic Water |
|-----------------------------------|-----------------------|--------------|---|
| | | | Standard Limits |
| Micro Determinants µg/l | | | |
| | Aluminium as Al | 288 | ≤ 300 |
| | Antimony as Sb | <1 | ≤20 |
| | Arsenic as As | <1 | ≤10 |
| | Cadmium as Cd | <1 | ≤3 |
| | Total Chromium as Cr | 1.32 | ≤50 |
| | Cobalt as Co | <1 | ≤500 |
| | Copper as Cu | 2.05 | ≤2000 |
| | Cyanide as CN * | <70 | ≤70 |
| | Iron as Fe | 94 | Chronic Health ≤ 2000 - Aesthetic ≤ 300 |
| | Lead as Pb | 1.88 | ≤10 |
| | Manganese as Mn | <10 | Chronic Health ≤ 500 - Aesthetic ≤ 100 |
| | Mercury as Hg | <1 | ≤6 |
| | Nickel as Ni | <1 | ≤70 |
| | Selenium as Se | <1 | ≤10 |
| | Vanadium as V | 3.93 | ≤200 |
| Organics Determinants mg/l | | | |
| | Total Organic Carbon | 3.01 | ≤ 10 |
| | Total Trihalomethanes | Attached | |
| | Phenolic Compounds | Attached | ≤ 0.01 |

All heavy metal analyses have been performed on filtered samples.
Tests marked with an asterisk * are not SANAS accredited
These results are related only to the items tested

These results must be read in conjunction
with the Uncertainty of Measurement
list as provided by Regen Waters Laboratory

QUALITY CONTROL CHECKS

| | |
|---------------------------------|------|
| Cation Balance | 2.19 |
| Anion Balance | 2.20 |
| % Difference | -0.3 |
| Measured TDS | 136 |
| Calculated TDS | 121 |
| Limits > 1.0 - <1.2 | 1.1 |
| Calcul TDS / E.C. (0.55 - 0.70) | 0.6 |



P.L.G UYS (M.D.)
Technical Signatory