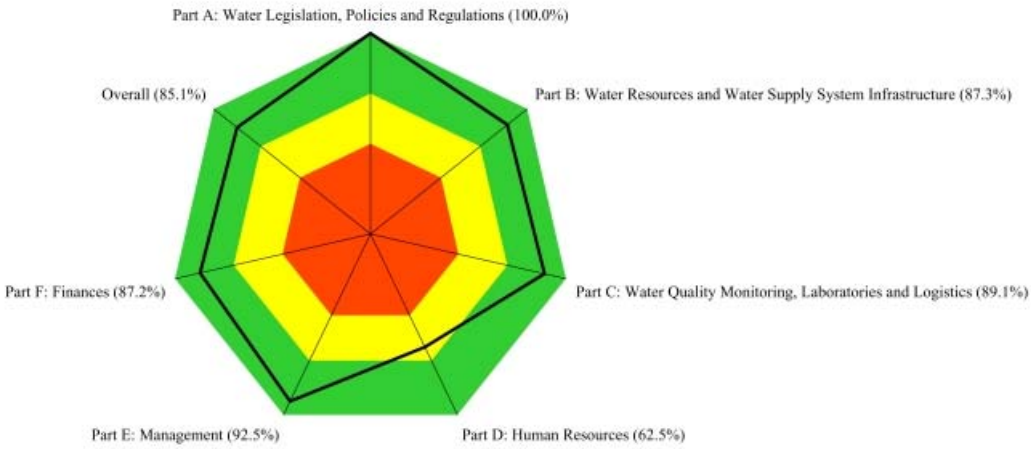
Gap Questionnaire Report

City of Cape Town Report

Questionnaire: *GAP ANALYSIS OF WQM*
Date Range: *Latest Answers*

Answered on 15 Dec 2008 13:50



0 - 44.9%
45 - 69.9%
70 - 100%

Click on a section to jump to a detailed view of the answers.

- Part A: Water Legislation, Policies and Regulations
- Part B: Water Resources and Water Supply System Infrastructure
- Part C: Water Quality Monitoring, Laboratories and Logistics
- Part D: Human Resources
- Part E: Management
- Part F: Finances

Part A: Water Legislation, Policies and Regulations

1. Do you have a copy of the National Water Act?
Yes
(5 / 5)

2. Do you have a copy of the Water Services Act?
Yes
(5 / 5)

3. Do you have a copy of Compulsory National Standards for Potable Water ?
Yes
(5 / 5)

4. Do you have a copy of National DWQM Framework?
Yes
(5 / 5)

5. Do you have a copy of SANS 241 Drinking Water Specification?
Yes
(5 / 5)

6. Have you read, understood and implemented the National Water Act?
Yes
(10 / 10)

7. Have you read, understood and implemented the Water Services Act?
Yes
(10 / 10)

8. Have you read, understood and implemented the Compulsory National Standards for Potable Water?
Yes
(10 / 10)

9. Have you read, understood and implemented the National DWQM Framework?
Yes
(10 / 10)

10. Have you read, understood and implemented the SANS 241 Drinking Water Specification?

Yes
(10 / 10)

11. Are there any municipal directives, by-laws, permits etc regarding drinking water quality?
Yes
(0 / 0)

12. Have these municipal directives, by-laws, permits etc been implemented?
Yes
(10 / 10)

13. Do you think you are complying to your legal responsibilities regarding drinking water?
Completely
(20 / 20)

14. Do all wastewater treatment facilities have an appropriate licence/permit?
No
(0 / 0)

15. If wastewater treatment works do not have a licence/permit, have you applied to DWAF?
Yes
(0 / 0)

16. Do all wastewater treatment works comply to licence/permit conditions?
Not applicable
(0 / 0)

17. If not, please state the name of the wastewater treatment works and condition/s for which it does not comply (e.g. quality standards, volume, location of discharge, etc)
Those that are not complying are in process, others are still in process of obtaining licenses from DWAF but no responses received from applications sent through.

18. If you have any points of importance related to Part A, please explain below:
N/A

Part B: Water Resources and Water Supply System Infrastructure

1. What is your total water abstraction (please specify units)?
? Too difficult to know because lots abstraction in the City of Cape Town.

2. What proportion of water sources utilised is groundwater (boreholes) (please specify percentage)?
5%

3. What proportion of water sources utilised is surface water (rivers, dams) (please specify percentage)?
95%

4. What proportion of water sources utilised is other (seawater, rain harvesting) (please specify percentage)?
0%

5. Are groundwater (borehole) sources protected?
Yes
(10 / 10)

6. Are surface water (rivers, dams) sources protected?
Yes
(10 / 10)

7. Are other water sources (seawater, rain harvesting) protected?
Not applicable
(10 / 10)

8. Are there communities living near the groundwater (boreholes) sources?
No
(10 / 10)

9. Are there communities living near the surface water (rivers, dams) sources?
No
(10 / 10)

10. Are there communities living near the other water (seawater, rain harvesting) sources?
Not applicable
(0 / 0)

11. Are there any industrial effluent discharges that may impact on groundwater (boreholes) quality?
No
(10 / 10)

12. Are there any industrial effluent discharges that may impact on surface water (rivers, dams) quality?
Yes
(0 / 10)

13. Are there any industrial effluent discharges that may impact on other water (seawater, rainwater harsting) quality?
Not applicable
(10 / 10)

14. Are there any domestic effluent discharges that may impact on the groundwater (boreholes) quality?

No
(10 / 10)

15. Are there any domestic effluent discharges that may impact on the surface water (rivers, dams) quality?
Yes
(0 / 10)

16. Are there any domestic effluent discharges that may impact on the other water sources (seawater, rainwater harvesting)?
Not applicable
(10 / 10)

17. Do you have sufficient water resources (i.e. no shortages)?
No shortage (i.e. presently have sufficient water available)
(30 / 30)

18. If you have water shortages, what is the estimated shortfall (Please specify units)?
N/A

19. Would you say your water resources are of good quality?
Yes/Most
(20 / 20)

20. What is the total number of rural households supplied with water (as per WSDP definition)?
None

21. What is the total number of formal town/city households supplied with water (as per WSDP definition)?
920 000

22. How much water do you supply to consumers (please specify units)?
?

23. What percentage of the water is supplied by Water Services Authorities (WSAs)?
100%

24. What percentage of the water is supplied by Water Services Providers (WSPs) (please specify name of WSP)?
0%

25. What percentage of water is supplied through formal distribution schemes (conventional infrastrucure, bulk supply, etc?)
100%

26. What percentage of the water is supplied through small standalone rural schemes (spring, borehole, etc)(e.g. <2 ML/day)?
0%

27. Is the water in your potable distribution systems treated in any way?
Yes
(0 / 0)

28. What percentage of water is not treated in the formal distribution schemes?
None (i.e. all treated)
(25 / 25)

29. What percentage of water is treated by home treatment in the formal distribution schemes?
0%

30. What percentage of water is treated through basic disinfection in the formal distribution schemes?
0%

31. What percentage of water is treated through conventional treatment in the formal distribution schemes? (coagulation, sedimentation, filtration, disinfection, stabilisation)?
100%

32. What percentage of water is treated through advanced treatment (ozone, UV, membrane, ion exchange, activated carbon, etc)
0%

33. What percentage of water is not treated in the small standalone rural schemes?
Not applicable
(25 / 25)

34. What percentage of water is treated through home treatment facilities in the small standalone rural schemes?
N/A

35. What percentage of water is treated through basic disinfection in the small standalone rural schemes?
N/A

36. What percentage of water is treated through convetional treatment in the small standalone schemes (coagulation, sedimentation, filtration, disinfection, stabilisation)?
N/A

37. What percentage of water is treated through advanced treatment (ozone, UV, membrane, ion exchange, activated carbon, etc)?
N/A

38. Are unit processes implemented at the treatment plants generally appropriate for the raw water quality?
Yes
(0 / 0)

39. Are all unit processes at the treatment plants generally operating effectively?
Yes

(20 / 20)

40. Are operator's manuals generally available on-site?
Yes
(0 / 0)

41. Are operator's manuals in the appropriate language?
Yes
(0 / 0)

42. Are standard plant operating procedures generally captured in writting (e.g. preparing batches of chhemicals, changing gas cyllinders, etc)
Yes
(0 / 0)

43. Are charts/graphs/jar test equipment/etc generally available at the plants for process control/correcting typical issues of concern (e.g. dosages/chemical feed rates posted on walls, etc)?
Yes
(0 / 0)

44. Are the plants generally operating within their design capacities? (i.e. is there spare capacity available?)
Yes
(0 / 0)

45. Are spare unit processes generally available at the plants for maintenance purposes (e.g. multiple settling tanks, filters, etc)?
Yes
(0 / 0)

46. Is there generally space available for future plant upgrades/expansion?
Yes
(0 / 0)

47. Is there generally sufficient storage capacity in the distribution network (i.e. sufficient reservoirs with sufficient capacity)?
Yes
(0 / 0)

48. In general, what is the physical condition of your water infrastructure?
Average
(0 / 0)

49. More specifically, what is the physical condition of the water treatment facilities?
Good
(24 / 24)

50. More specifically, what is the physical condition of the reservoirs?
Good
(24 / 24)

51. More specifically, what is the physical condition of the distribution network?
Average
(12 / 24)

52. More specifically, what is the physical condition of the pump stations?
Good
(24 / 24)

53. How is maintenance carried out?
Planned (i.e. prepare and follow a schedule)
(30 / 30)

54. Indicate the frequency of maintenance at the water treatment facilities?
At least annually (i.e. every 12 months)
(20 / 30)

55. Indicate the frequency of maintenance at the reservoirs (cleaning, flushing)?
At least annually (i.e. every 12 months)
(16 / 24)

56. Indicate the frequency of maintenance at the distribution network (cleaning, flushing)?
At least annually (i.e. every 12 months)
(16 / 24)

57. Indicate the frequency of maintenance at the pump stations?
At least bi-annually (i.e. every 6 months)
(24 / 24)

58. How many wastewater treatment works are operated and maintained by your WSA?
25 Works

59. Please list the names of all wastewater treatment works and indicate the type (e.g. conventional, activated sludge, trickling filter, RBC, etc)
Athlone Bellville Borcherds Quarry Camps Bay Cape Flats Dover Gordons Bay Green Point Hout Bay Klipheuwel Kraaifontein Llandudno Macassar Melbosstrand Millers Point Mitchells Plain Oudekraal Parow Philadelphia Potsdam Scottsdene Simons Town Wesfleur Wildevoelvlei Zandvliet

60. Are all wastewater treatment works operating within their design capacity?
No
(0 / 0)

61. Do you monitor the volume of discharge from all wastewater treatment works?

Yes
(0 / 0)

62. If you have any points of importance related to Part B, please explain below:
N/A

Part C: Water Quality Monitoring, Laboratories and Logistics

1. How many towns (formal distribution) or schemes (small rural standalone) are within the WSA?
1

2. Please list the name of towns/schemes within your WSA?
City of Cape Town

3. How many of these towns/schemes are currently monitored for drinking water quality?
All (i.e. 100%)
(10 / 10)

4. Do you have a sampling schedule for monitoring in towns (formal distribution schemes)?
Yes
(0 / 0)

5. Do you have a sampling schedule for small standalone rural scheme/s (spring, borehole etc)?
Not applicable
(0 / 0)

6. Are standard sampling procedures utilised (e.g. as per DWAF guidelines)?
Yes
(0 / 0)

7. Where is the water monitored?
Source
Water treatment plant outlet
Bulk distribution
Reservoirs
Distribution network (e.g. hydrants)
Consumers taps
(50 / 50)

8. If monitoring is not conducted at all of the above points, what is the reason/s therefore?
Not applicable
(0 / 0)

9. Do you have a list of all sample points?
Yes
(0 / 0)

10. Are GPS co-ordinates captured for all sample points?
No
(0 / 0)

11. What is the frequency of monitoring at the source/s?
Daily
(10 / 10)

12. What is the frequency of monitoring at the outlet/s of the drinking water treatment plant/s?
Daily
(20 / 20)

13. If drinking water quality is not assessed at the water treatment plant, is this because of a lack of:
Not applicable
(0 / 0)

14. What is the frequency of monitoring at bulk distribution?
At least monthly
(10 / 10)

15. What is the frequency of monitoring at reservoirs?
At least monthly
(20 / 20)

16. What is the frequency of monitoring at distribution network (e.g. hydrant)?
At least monthly
(10 / 10)

17. What is the frequency of monitoring at consumers taps?
At least monthly
(20 / 20)

18. In general, what is the frequency of basic chemical sampling (i.e. every x days)?
Every 0.4 days

19. In general, what is the frequency of biological sampling (i.e. every x days)?
Every 7 days

20. In general, what is the frequency of physical characteristics sampling (i.e. every x days)?

Every 0.4 days

21. More specifically, what is the frequency of biological monitoring at consumers taps?
At least monthly
(50 / 50)

22. More specifically, what is the frequency of physical-chemical monitoring at consumers taps?
At least monthly
(30 / 30)

23. Which of the following drinking water quality paramaters are monitored?
E.coli/Faecal coliforms
Total coliforms
pH
Turbidity
EC/TDS
Free Chlorine Residual
Other
(50 / 50)

24. What compliance is achieved for E.coli/faecal coliforms (vs. SANS 241 Column 5 of Table 1)?
> or equal to 98%
(50 / 70)

25. What compliance is achieved for chemical parameters that have a health implication (vs. SANS 241 Class I)?
> or equal to 95%
(30 / 30)

26. Please state the number of rural households receiving a drinking water of IDEAL quality.
Not specified

27. Please state the number of rural households receiving a drinking water of GOOD quality.
Not specified

28. Please state the number of rural households receiving a drinking water of MARGINAL quality.
Not specified

29. Please state the number of rural households receiving a drinking water of POOR quality.
Not specified

30. Please state the number of rural households receiving a drinking water of UNACCEPTABLE quality.
Not specified

31. Please sum the above total rural households and provide the total below.
Not specified

32. Please state the number of formal town/city households receiving a drinking water of IDEAL quality.
Not specified

33. Please state the number of formal town/city households receiving a drinking water of GOOD quality.
920 000

34. Please state the number of formal town/city households receiving a drinking water of MARGINAL quality.
Not specified

35. Please state the number of formal town/city households receiving a drinking water of POOR quality.
Not specified

36. Please state the number of formal town/city households receiving a drinking water of UNACCEPTABLE quality.
Not specified

37. Please sum the above total formal town/city households and provide the total below.
920 000

38. Are the drinking water quality results available for submission to DWAF?
Yes
(0 / 0)

39. Is drinking water quality data stored on an appropriate database?
eWQMS or other appropriate database
(30 / 30)

40. What kind of laboratory do you utilise for drinking water quality analysis?
Internal WSA laboratory (one or more)
(25 / 50)

41. Please provide details of the laboratories utilised by the WSA for drinking water quality analysis (Name of laboratory, contact person, contact number)
Scientific Services Laboratory Athlone

42. What are staff skills at the internal WSA laboratories?
Highly skilled
(30 / 30)

43. Are there sufficient staff at the internal WSA laboratories?
Good
(30 / 30)

44. Do all internal WSA laboratories utilise standard methods of analysis?
Yes (i.e. 100%)
(0 / 0)

45. Are internal WSA laboratories (one or more) SANAS accredited?
No
(0 / 10)

46. If applicable, what parameters are the internal WSA laboratories accredited for?
N/A

47. What is the condition of the equipment at the internal WSA laboratories?
Average
(10 / 30)

48. How often is analytical equipment (e.g. turbidimeter) calibrated at the internal WSA laboratories?
At least annually (i.e. at least every 12 months)
(0 / 0)

49. Are chemicals/reagents required for analysis available at internal WSA laboratories?
Yes
(10 / 10)

50. Are external laboratories (e.g. WSP, Service Provider) SANAS accredited?
Not applicable
(10 / 10)

51. If applicable, what parameters are the external laboratories accredited for?
N/A

52. Are inter-laboratory studies conducted?
Yes
(0 / 0)

53. In general, do you experience logistical issues in doing your work?
No
(0 / 0)

54. Is the distance to communities/laboratories acceptable?
Yes
(15 / 15)

55. Do you have sufficient vehicles (transport)?
Yes
(10 / 10)

56. Are access roads in an acceptable condition?
Yes
(15 / 15)

57. Do you experience logistical issues related to infrastructure?
No
(0 / 0)

58. Do you and your staff have sufficient computers to fulfill required tasks?
Yes
(20 / 20)

59. Do you and your staff have acceptable email access to fulfill required tasks?
Yes
(15 / 15)

60. Do you and your staff have acceptable internet access to fulfill required tasks?
Yes
(15 / 15)

61. Do you and your staff have an acceptable server to save/back-up information?
Yes
(15 / 15)

62. Are any other logistical issues noted?
Not applicable

63. Are you aware of the DBSA LGnet initiative?
No
(0 / 0)

64. Are you already connected to LGNet?
Don't know
(0 / 0)

65. If you are not connected has the WSA faxed an application for connectivity?
Don't know
(0 / 0)

66. Are technical managers, water quality managers etc, connected to LGNet (router office)?
Don't know

(0 / 0)

67. If they are not connected what are the possible reasons for this? (Please explain)
Don't know

68. What are the main obstacles preventing connectivity?
Don't know
(0 / 0)

69. Do technical managers, water quality managers, etc frequently access the LGNet?
Don't know
(0 / 0)

70. Do technical managers, water quality managers, find LGNet useful?
Don't know
(0 / 0)

71. Please list any other IT based tools that are utilised to effectively manage your water services?
N/a

72. Is the final wastewater effluent quality at all wastewater treatment works monitored on at least a monthly basis?
Yes
(0 / 0)

73. Please indicate the frequency of monitoring at wastewater treatment works.
Weekly
(0 / 0)

74. Where is wastewater quality monitored at the wastewater treatment works?
Along treatment chain (including final effluent)
(0 / 0)

75. Which of the following wastewater quality paramaters are monitored for the final wastewater effluent?
E.coli
Chemical Oxygen Demand (COD)
pH
Ammonia
Nitrates/Nitrites
Free chlorine residual
Suspended solids
Phosphorous
(0 / 0)

76. What kind of laboratory do you utilise for wastewater quality analysis?
Internal WSA laboratory (one or more)
(0 / 0)

77. Are the laboratories utilised for wastewater quality analysis accredited?
No
(0 / 0)

78. Please provide details of the laboratories utilised by the WSA for wastewater quality analysis (Name of laboratory, contact person, contact number)
Scientific Services, Mpharu Hloyi 021 6841000

79. If you have any points of importance related to Part C, please explain below:
N/A

Part D: Human Resources

1. Do you have an organisational organogram?
Yes
(5 / 5)

2. Have all required posts in the organogram been filled?
Most (> 70%)
(28 / 40)

3. If all posts have not been filled, please indicate reasons for this:
Lack of municipal funds for certain posts

4. Have responsibilities been assigned to water treatment plant operators/process controllers?
Yes
(0 / 0)

5. Have responsibilities been assigned for network plumbers?
Yes
(0 / 0)

6. Have responsibilities been assigned for laboratory staff?
Yes
(0 / 1)

7. Have responsibilities been assigned for mechanical repairs staff?
Yes
(0 / 0)

8. Have responsibilities been assigned for electrical repairs staff?
Yes
(0 / 0)

9. Have responsibilities been assigned for field technicians/samplers?
Yes
(0 / 0)

10. In general, do you have adequate staff (numbers)?
No
(0 / 0)

11. More specifically, do you have sufficient water treatment plant operators/process controllers?
No
(0 / 30)

12. More specifically, do you have sufficient network plumbers?
No
(0 / 25)

13. More specifically, do you have sufficient laboratory staff?
No
(0 / 10)

14. More specifically, do you have sufficient mechanical staff for repairs?
No
(0 / 10)

15. More specifically, do you have sufficient electrical staff for repairs?
No
(0 / 10)

16. More specifically, do you have sufficient field technicians/samplers?
No
(0 / 10)

17. In general, are your staff members adequately skilled?
Yes
(0 / 0)

18. In general, would you say your staff are:
Highly skilled
(0 / 0)

19. More specifically, do existing water treatment plant operators/process controllers have appropriate qualifications and skills?
Yes (i.e. 100%)
(30 / 30)

20. More specifically, do existing network plumbing staff have appropriate qualifications and sufficient skills?
Yes (i.e. 100%)
(30 / 30)

21. More specifically, do existing laboratory staff have appropriate qualifications and sufficient skills?
Yes (i.e. 100%)
(15 / 15)

22. More specifically, do existing mechanical repairs staff have appropriate qualifications and sufficient skills?
Yes (i.e. 100%)
(15 / 15)

23. More specifically, do existing electrical repairs staff have appropriate qualifications and sufficient skills?
Yes (i.e. 100%)
(15 / 15)

24. More specifically, do existing field technicians/samplers have appropriate qualification and sufficient skills?
Yes (i.e. 100%)
(15 / 15)

25. Are water treatment plant operators/process controllers staff computer literate?
Yes (100%)
(9 / 9)

26. Are network plumbers computer literate?
Most (i.e. > 70%)
(4 / 6)

27. Are laboratory staff computer literate?
Yes (100%)
(12 / 12)

28. Are mechanical staff repairs computer literate?
Most (i.e. > 70%)
(4 / 6)

29. Are electrical staff repairs computer literate?
Most (i.e. > 70%)
(4 / 6)

30. Are field technicians/samplers computer literate?
Most (i.e. > 70%)
(6 / 9)

31. Do all staff that require computers for their functions have access to computers?
All (i.e. 100%)
(25 / 25)

32. Do all staff that require access to e-mail for their functions have access to email?
Most (i.e. 70%)
(10 / 15)

33. Do all staff that require access to internet for their functions have access to internet?
Most (i.e. > 70%)
(10 / 15)

34. What training is required by the water treatment plant operators/process controllers?
None/Not applicable
Technical
(0 / 0)

35. What training is required by the network plumbers?
None/Not applicable
(0 / 0)

36. What training is required by the laboratory staff?
None/Not applicable
(0 / 0)

37. What training is required by the mechanical repairs staff?
None/Not applicable
(0 / 0)

38. What training is required by the electrical repair staff?
None/Not applicable
(0 / 0)

39. What training is required by field technicians/samplers?
Technical
(0 / 0)

40. Have you investigated training courses for staff who require training?
Yes
(0 / 0)

41. If training is not done, what are the reasons for this?
Not Applicable
(0 / 0)

42. If training has been investigated what are present training course options?
Skills development

43. Do you have trouble attracting well qualified staff?
Yes
(0 / 15)

44. Do you have high staff turn over? (i.e do you often lose staff)
Yes
(0 / 0)

45. Are systems in place for staff appraisal and feedback?
Yes
(0 / 0)

46. Are procedures/training manuals available for training new staff?
Yes
(0 / 0)

47. If you have any points of importance related to Part D, please explain below:
N/A

Part E: Management

1. Have responsibilities been assigned for top management?
Yes
(0 / 0)

2. Have responsibilities been assigned for middle management?
Yes
(0 / 0)

3. Do you have sufficient top managers?
Yes
(20 / 20)

4. Do you have sufficient middle managers?
Yes
(40 / 40)

5. Do exisiting top managers have appropriate qualifications and skills?
Yes (i.e. 100%)
(30 / 30)

6. Do existing middle managers have appropriate qualifications and skills?
Yes (i.e. 100%)
(45 / 45)

7. Are top managers computer literate?
All (i.e. 100%)
(15 / 15)

8. Are middle managers computer literate?
Yes (i.e. 100%)
(30 / 30)

9. Do all managers have access to computer?
Yes (i.e. 100%)
(15 / 15)

10. Do all managers have access to e-mail?
Yes (i.e. 100%)
(15 / 15)

11. Do all managers have access to internet?
Most (i.e. > 70%)
(5 / 15)

12. What training is required by top management?
None/Not applicable
(0 / 0)

13. What training is required by middle management?
None/Not applicable
(0 / 0)

14. Is a checklist/logbook regularly completed/updated at the plant/s?
Yes
(5 / 5)

15. Is the logbook reviewed by supervisors and adjustments made acccordingly?
Yes
(5 / 5)

16. Is a report highlighting issues of concern at the plant (quality, malfuntions etc) produced on a monthly basis?
Yes
(10 / 10)

17. Is a report highlighting issues of concern in the distribution network (quality, need for flushing etc) produced on a monthly basis?
Yes
(20 / 20)

18. Do you have a customer complaints register/system?
Yes
(0 / 0)

19. Do you track complaints?
Yes
(0 / 0)

20. What is the status of your customer complaints register/system?
Partially functional
(0 / 0)

21. Are records kept on the number and details of callouts per year?
Yes
(0 / 0)

22. With regards to attending to complaints related to water service delivery, how many water callouts do you receive in rural areas per year (number)?
Not specified

23. How many of these callouts do you respond to within 24 hours per year (number and percentage)?
Not specified

24. With regards to attending to complaints related to water service delivery, how many water callouts do you receive in formal towns/cities per year (number)?
49 271

25. How many of these callouts do you respond to within 24 hours per year (number and percentage)?
80%

26. With regards to attending to complaints related to sanitation service delivery, how many sanitation callouts do you receive in rural areas per year (number)?
Not specified

27. How many of these callouts do you respond to within 24 hours per year (number and percentage)?
Not specified

28. With regards to attending to complaints related to sanitation service delivery, how many sanitation callouts do you receive in formal towns/cities per year (number)?
61 003

29. How many of these callouts do you respond to within 24 hours per year (number and percentage)?
All

30. Are records kept on the details of interruptions in water supply per year?
Yes
(0 / 0)

31. With regards to water service reliability, how many rural households experience more than 7 days interruption per year (number)?
0

32. With regards to water service reliability, how many formal town/city households experience more than 7 days interruption per year (number)?
0

33. With regards to water service reliability, how many rural households experience flow of less than 10 litres/minute (water pressure) (NOTE: not to be confused with interruption to supply)?
0

34. With regards to water service reliability, how many formal town/city households experience flow of less than 10 litres/minute (water pressure) (NOTE: not to be confused with interruption to supply)?
0

35. Is there a management report in terms of water services?
Yes
(0 / 0)

36. Is the water services management report available to DWAF?
Yes
(0 / 0)

37. Do you have an Institutional Development Plan for the purpose of operating the schemes optimally?
Yes
(0 / 0)

38. Is there a management report in terms of water quality?
Yes
(0 / 0)

39. Are drinking water related issues/findings discussed in appropriate water meetings on a regular basis?
Yes
(20 / 20)

40. Is the water quality management report available to DWAF?
Yes
(0 / 0)

41. Are monthly drinking water reports submitted to DWAF?
No
(0 / 20)

42. If and where issues of concern are noted, are required corrective actions implemented timeously?
Always
(20 / 20)

43. Have emergency procedures been developed?
Yes
(0 / 0)

44. Are water issues discussed at council meetings?
Yes
(0 / 0)

45. Are drinking water issues specifically discussed at council meetings?
Yes
(50 / 50)

46. Are councilors aware of the importance of drinking water quality monitoring and management?
Yes
(25 / 25)

47. Is there a water champion within the council?
Yes
(0 / 0)

48. If you have any points of importance related to Part E, please explain below:
N/A

Part F: Finances

1. Do you have a copy of Municipal Finance Management Act?

Yes
(0 / 0)

2. Have you read, understood and implemented the Municipal Finance Management Act?
Yes
(15 / 15)

3. Have you implemented Supply Chain Management?
Yes
(10 / 10)

4. Has a procurement protocol been implemented?
Yes
(10 / 10)

5. Are water accounts sent to consumers?
Yes
(10 / 10)

6. Are accounts tracked and revenue collected?
Yes
(10 / 10)

7. Is revenue collected from water sales used for subsidising other services?
Yes
(0 / 5)

8. Do you feel that you are complying to your legal responsibilities related to finances?
Yes
(15 / 15)

9. Do you have a capital investment programme (3 year or 5 year)?
Yes
(10 / 10)

10. What is your capital budget (please specify units)?
R 783 598.00

11. Have you developed an operational budget (either a 3 year or 5 year)?
Yes
(10 / 10)

12. What is your total water operational budget (please specify units)?
R208 378 82.91

13. What is your operational budget for maintenance (please specify units)?
?

14. What is your operational budget for water treatment (please specify units)?
?

15. What is your operational budget for water quality monitoring (please specify units)?
?

16. Do you feel that you have sufficient budget for maintenance?
No
(0 / 20)

17. Do you feel that you have sufficient budget for water treatment?
Yes
(20 / 20)

18. Do you feel that you have sufficient budget for water quality monitoring?
Yes
(40 / 40)

19. Have you used the DWAF DWQM Cost Model to cross-check/calculate the cost of a basic DWQM programme for your WSA?
No
(0 / 0)

20. Have you incorporated the required costs for effective DWQM into your operational budget (3 year or 5 year)?
Yes
(20 / 20)

21. When will sufficient budget be available for DWQM (i.e. if not presently sufficient)?
N/A

22. If you have any points of importance related to Part F, please explain below:
N/A