

WATER SECTOR IDP REPORT

**WSDP WATER SECTOR INTEGRATION OUTFLOW:
Water Services Delivery, Resources & Infrastructure
Planning**

THEWATERSKLOOF MUNICIPALITY: 30 MARCH 2012



DRAFT DISCUSSION DOCUMENT 30 MARCH 2012

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WSDP WATER SECTOR INTEGRATION OUTFLOW:

Water Services Delivery, Resources & Infrastructure Planning

EXPLANATION PAGE

For any Local Government to supply sustainable water services to their customers it is important to regard the issues listed below in planning and implementation to ensure continuous service delivery at the required standards. The issues are important aspects within the Water Services Development Planning process for the specific area of authority. The information provided below are required issues that need to be addressed in an IDP as reflected in the IDP Analysis Framework and was extracted from the detail WSDP Module 1 document compiled for the municipality.

| Evidential Criteria / KPIs WATER | Evidential Criteria / KPIs SANITATION |
|---|--|
| <p>Is the WSDP</p> <p>a) Adopted ?</p> <p>b) has it been reviewed in last year.?</p> | <p>Does the IDP reflect knowledge, implementation, strategies and target programmes w.r.t.</p> <p>a) Backlogs</p> <p>b) Basic services provision</p> <p>c) Free basic sanitation</p> <p>d) Higher levels of service requirements</p> <p>e) Associated services eg. Schools and clinics</p> |
| <p>Do the IDP reflect knowledge, implementation, strategies and target programmes w.r.t.</p> <p>a) Backlogs</p> <p>b) Basic services provision</p> <p>c) Free basic water</p> <p>d) Higher levels of service requirements</p> <p>e) Associated services eg. Schools and clinics</p> <p>f) Water for growth and development.</p> | <p>Does the WSDP reflect multi - year projects to address the backlog?</p> |
| <p>Did the IDP integrate other sector programme's water requirements and specially address the impact on water planning.</p> <p>a) Housing</p> <p>b)Agriculture</p> <p>c)Mining</p> <p>d)Tourism</p> | <p>Does the municipality have a sanitation implementation plan put in place?</p> |
| | <p>Does the municipality have the CAPEX Plan which indicates allocation for sanitation for the next three years?</p> |
| | <p>Does the municipality manage (a) waste water treatment?</p> |
| | <p>Is there a plan to manage untreated effluent?</p> |
| | <p>Has this Municipality determined the need / extent for basic services, (a) free basic and (b) higher level service?</p> |
| | <p>Is the sanitation service financially viable and is there a budget that is ring fenced?</p> |
| | <p>Is the licensing/contractual arrangement i.t.o of (a) WSA, (b) WSP, (c) WWTW working?</p> |

| |
|--|
| e)Public Works programmes |
| - Did the IDP provide a proper project list that addresses all the needs as identified in the future plans and implementation strategies? |
| - Are there approved budgets in the MTEF allocations for all these projects? |
| - Is there a plan and budget for Operations and Maintenance for Water services and infrastructure? |
| - Is the water services programme financially viable w.r.t. Cost recovery, Metering and billing with an associated budget that is ring fenced? |
| Does the IDP address water resources development w.r.t. demand management, water balance issues and ecological reserve? |
| Are there specific references to the status of all contracting and licensing issues? |
| Does the IDP reflect the status of water quality monitoring w.r.t. drinking water quality, water resources quality and WWTW releases? |

| |
|---|
| - Is there a plan and budget for Operations and Maintenance for sanitation services and infrastructure? |
|---|

1. WSDP ADOPTION STATUS

| Status | Modules: All/1/2/3 or 4 | Date Submitted |
|---------------|-------------------------|------------------|
| Interim | 1,2,3 | 18 December 2011 |
| Draft | 1,2,3 | 18 December 2011 |
| Adopted | | |
| Annual Review | | |
| Public Viewed | | |

[Link to Topic 1 page 1 in WSDP Module 1](#)

2. KNOWLEDGE OVERVIEW

2.1. DEMOGRAPHICS

| | |
|------------------------------------|--------|
| Number of People | 177344 |
| Total Number of Settlements | 47 |
| Total Number of People: Urban | 84091 |
| Total Number of People: Rural | 33253 |
| Total Number of Settlements: Urban | 43 |
| Total Number of Settlements: Rural | 4 |

[Link to Page IV in WSDP Module 1](#)

2.2. ASSOCIATED SERVICES

| Public amenities consumer types | Type | No. Of consumer units (HH) | No. Of consumer units with access to: | | | | |
|---------------------------------|-------|----------------------------|---------------------------------------|------------|-----------------|--------------------------|----------------------------|
| | | | None or inadequate Supply | | Communal supply | Controlled volume supply | Uncontrolled volume supply |
| | | | Water | Sanitation | | | |
| Police Stations | Urban | 7 | 0 | 0 | 0 | 0 | 7 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| Magistrate offices | Urban | 2 | 0 | 0 | 0 | 0 | 2 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| Businesses | Urban | 696 | 0 | 0 | 0 | 0 | 696 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| "Dry" Industries | Urban | 69 | 0 | 0 | 0 | 0 | 69 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| Office Buildings | Urban | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| Prisons | Urban | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rural | 1 | 0 | 0 | 0 | 0 | 1 |
| Schools | Urban | 25 | 0 | 0 | 0 | 0 | 25 |
| | Rural | 17 | 0 | 0 | 0 | 0 | 17 |
| Hospitals | Urban | 1 | 0 | 0 | 0 | 0 | 1 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| Clinics | Urban | 7 | 0 | 0 | 0 | 0 | 7 |

| | | | | | | | |
|---------------------|-------|---|---|---|---|---|---|
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |
| "Wet" Industries | Urban | 1 | 0 | 0 | 0 | 0 | 1 |
| | Rural | 0 | 0 | 0 | 0 | 0 | 0 |

[Link to Topic 3 Page 7 in WSDP Module 1](#)
[Business includes Office buildings]

2.3. BACKLOGS: WATER NEED DESCRIPTION & STATUS OF SUPPLY

| Water Priority | Water Need Description | Settlements | Population | Households |
|----------------|--|-------------|------------|------------|
| Definition 1 | No Water Services | 1 | 3224 | 806 |
| Definition 2 | Inadequate RDP Infrastructure Need: Extension Required | 0 | 0 | 0 |
| Definition 3 | Inadequate RDP Infrastructure Need: Upgrade Required | 0 | 0 | 0 |
| Definition 4 | Inadequate RDP Resource Need | 0 | 0 | 0 |
| Definition 5 | Inadequate RDP Management Need: O&M Required | 0 | 0 | 0 |
| Definition 6 | Inadequate RDP Management Need: Refurbishment Required | 0 | 0 | 0 |
| Definition 7 | Inadequate Housing Interim Solutions | 0 | 0 | 0 |
| Definition 8 | Inadequate Housing Permanent Solutions | 22 | 23876 | 6347 |
| Adequate: | Standpipe | 0 | 0 | 0 |
| Adequate: | Yard Connection | 0 | 0 | 0 |
| Adequate: | House Connection | 33 | 90244 | 23905 |
| TOTALS | | | 117344 | 31058 |

[Link to Page IV & Topic 3 Page 5 in WSDP Module 1](#)

2.4. PLANNING STRATEGIES FOR INADEQUATE SUPPLIES

| Water Priority & Levels of Supply | | Future Plan to address the issue | | Future Strategy to address the issue | |
|-----------------------------------|--|----------------------------------|-------------|--------------------------------------|-------------|
| Water Priority | Water Need Description | In Place? | Sufficient? | In Place? | Sufficient? |
| Definition 1 | No Water Services | Yes | Yes | No | No |
| Definition 2 | Inadequate RDP Infrastructure Need: Extension Required | NA | NA | NA | NA |
| Definition 3 | Inadequate RDP Infrastructure Need: Upgrade Required | NA | NA | NA | NA |
| Definition 4 | Inadequate RDP Resource Need | NA | NA | NA | NA |
| Definition 5 | Inadequate RDP Management Need: O&M Required | NA | NA | NA | NA |
| Definition 6 | Inadequate RDP Management Need: Refurbishment Required | NA | NA | NA | NA |
| Definition 7 | Inadequate Housing Interim Solutions | NA | NA | NA | NA |
| Definition 8 | Inadequate Housing Permanent Solutions | Yes | Yes | Yes | Yes |

[Link to Page IV & Topic 3 Page 5 in WSDP Module 1](#)

2.5. FUTURE PLANS TO ADDRESS SERVICE DELIVERY & GROWTH AND DEVELOPMENT

| Water Priority | Water Need Description | Are the future plans indicated in 2.4 sufficient to address service delivery at : | | Do future plans cater for the Growth & Development strategy | Are these plans included in Module 3 of the WSDP <i>(Provide reference)</i> |
|----------------|--|---|--------------|---|---|
| | | RDP LEVEL | HIGHER LEVEL | | |
| Definition 1 | No Water Services | Yes | | | Yes |
| Definition 2 | Inadequate RDP Infrastructure Need: Extension required | NA | | | NA |
| Definition 3 | Inadequate RDP Infrastructure Need: Upgrade required | NA | | | NA |
| Definition 4 | Inadequate RDP Resource Need | NA | | | NA |
| Definition 5 | Inadequate RDP Management Need: O&M required | NA | | | NA |
| Definition 6 | Inadequate RDP Management Need: Refurbishment required | NA | | | NA |
| Definition 7 | Inadequate Housing Interim Solutions | NA | | | NA |
| Definition 8 | Inadequate Housing Permanent Solutions | Yes | | | Yes |

[Link to section 1.1 in WSDP Module 1](#)

2.6. FREE BASIC WATER

Is there a Free Basic Services Policy in Place?: YES

| Subsidy Targeting Approach | Current % of HH's requiring FBW | % of HH Targeted: Water | % of HH Targeted: Sanitation |
|--|---------------------------------|-------------------------|------------------------------|
| Rising block tariff | | 73.2 | NA |
| Service level targeting | | 26.8 | 100 |
| * Credits to Water account | | | |
| * Credits to Sanitation account | | | |
| * Number of units requiring free basic services (Water) | | | |
| * Number of units requiring free basic services (Sanitation) | | | |
| Number of units with access to free basic services | | 6466 | 6466 |

[Link to Topic 10 Page 33 in WSDP Module 1](#)

3. SECTOR INTEGRATION

Consultation and Integration with other Sector Plans to incorporate their needs

| Sector | Interaction (None, Limited, Partial, Good, Excellent) |
|-------------------------|--|
| Agri-Culture | 0% |
| Mining | NA |
| Tourism | 30% |
| Public Works programmes | |
| Other 1:IDP | 75% |
| Other 2:SDF | 90% |
| Other 3:Master Plan | 75% |
| Other 4:ISP | 75% |
| | |

INTERACTION
To which extent has interaction taken place?
None - 0%
Limited - 10%
Partial - 30%
Good - 75%
Excellent - 90%

[Link to Topic 1 Page 3 in WSDP Module 1](#)

4. PROJECT LISTS

4.1. TOTAL NUMBER OF PROJECTS

| | |
|---|----|
| Total number of projects | 27 |
| Total number of projects: Water | 15 |
| Total number of projects: Sanitation | 12 |

4.2. LEVELS OF SERVICE

| | |
|--|--|
| Total number of projects aimed at Basic Levels of Services | |
| Total number of projects aimed at Higher levels of Services | |
| Total number of projects aimed at System Improvement | |

4.3. POPULATION BENEFITTING

| | Water | Sanitation |
|----------------------------------|-------|------------|
| Basic Levels of Services | | |
| Higher levels of Services | | |
| System Improvement | | |

4.4. FUNDING SOURCES (RM) 2010/11

| | |
|------------------------|--------|
| MIG | 14.496 |
| RBIG | 0 |
| ACIP | 0 |
| DROUGHT RELIEF | 0 |
| MUNICIPAL INTERVENTION | 0 |

| | |
|-----------|--------|
| DWA | 0 |
| Own/Other | 0.155 |
| TOTAL | 14.651 |

4.5. DETAIL PROJECT LISTS

| Description | | Services Type | Programme type | Project Primary Class | Proposed project funding (RM) | | |
|----------------|--|---------------------------|---|---|-------------------------------|--------|-------|
| | | | | | 10/11 | 11/12 | 12/13 |
| Project number | Name & Description | W: Water S: Sanitation | Water Services WIB: Internal Bulk WRB: Regional Bulk WT: Treatment WWT: Waste Water Treatment WR: Reticulation SS: Sanitation Service H: Housing O: Other | B - Basic H - Higher S - System Improvement | Total | Total | Total |
| TK0708004 | Botrivier : Upgrading of WTW | Water | Water Treatment Works | | 0.3 | 0.2 | 4 |
| TK0708014 | Genadendal : Upgrading of WTW [WMP 7] | Water | Water Treatment Works | | 0 | 0 | 3 |
| TK0708022 | Grabouw: Upgrade Bulk Water Infrastructure Capacity Ph1&2 [0420/W/06/07] | Water | Water Internal Bulk | | 1.422 | 0 | 0 |
| TK0708032 | Riviersonderend : Upgrading of WTW | Water | Water Treatment Works | | 0 | 0 | 4 |
| TK0708040 | Villiersdorp : Upgrade WTW | Water | Water Treatment Works | | 0 | 0 | 4 |
| TK1011043 | Voorstekraal 150KI Reservoir | Water | Water Internal Bulk | | 0.15 | 0 | 0.75 |
| TK0809001 | Botriver - Bulk Water Infrastructure upgrading | Water | Water Internal Bulk | | 5.842 | 0.192 | 0 |
| TK0910005 | Botriver - Eradication of septic tank system | Sanitation | Internal Sanitation | | 0 | 0 | 2.524 |
| TK0910008 | Botriver - Upgrading of WWTP - Phase 2 | Sanitation | Sanitation Bulk | | 0 | 0.3 | 0 |
| TK1011001 | Botrivier: Rehabilitate Bulk Water Supply [WC0832/W/10/12] | Water | Water Internal Bulk | | 3.776 | 0 | 0 |
| TK0708009 | Caledon: Upgrading of WWTW [WMP 6] | Sanitation | Sanitation Bulk | | 0 | 0 | 0.56 |
| TK1011003 | Water Demand Management [WMP 1] | Water | Strategic Planning | | 2.463 | 0 | 0 |
| TK0910006 | Upgrading of Bulk Water Supply | Water | Water Internal Bulk | | 1 | 0 | 0 |
| TK0708023 | Grabouw: Upgrade Bulk Water Infrastructure Capacity Ph3 [WC0420/W/07/09] | Water | Water Internal Bulk | | 6.658 | 0.618 | 2.088 |
| TK0809008 | Grabouw - Water Reticulation replacement | Water | Water Reticulation | | 0.2 | 0.2 | 0 |
| TK0708017 | Grabouw: New Bulk Sewer Upgrade [0532/S/07/10] | Sanitation | Sanitation Bulk | | 2.673 | 0 | 0 |
| TK0708021 | Grabouw: Upgrade WWTW [WC0722/S/07/12] [WMP 5] | Sanitation | Sanitation Bulk | | 1.721 | 15.889 | 8.350 |
| TK0910007 | Grabouw - Sewer Network Replacement | Sanitation | Internal Sanitation | | 0.05 | 0.08 | 0 |

| Description | | Services Type | Programme type | Project Primary Class | Proposed project funding (RM) | | |
|----------------|---|---------------------------|---|---|-------------------------------|-------|-------|
| Project number | Name & Description | | | | 10/11 | 11/12 | 12/13 |
| | | W: Water S: Sanitation | Water Services WIB: Internal Bulk WRB: Regional Bulk WT: Treatment WWT: Waste Water Treatment WR: Reticulation SS: Sanitation Service H: Housing O: Other | B - Basic H - Higher S - System Improvement | Total | Total | Total |
| TK1011021 | Toilets for Slangpark informal settlement | Sanitation | Internal Sanitation | | 0.1 | 0 | 0 |
| TK1011022 | Grabouw: Rehabilitate 6MI/d Extension to WTW [WC0607/W/07/10] | Water | Water Treatment Works | | 2.019 | 0 | 0 |
| TK0809013 | Greyton -Upgrade WTW [WMP 8] | Water | Water Treatment Works | | 0 | 0 | 0.1 |
| TK0809015 | Greyton - Sewer connection Greyton - Genadendal | Sanitation | Sanitation Bulk | | 0 | 3.576 | 1.424 |
| TK0809018 | Greyton - Eradication of septic tank system | Sanitation | Sanitation Bulk | | 0 | 0 | 0.3 |
| TK0809022 | Tesselaarsdal - WWTW [WMP 10] | Sanitation | Sanitation Bulk | | 1.2 | 0 | 0 |
| TK0708042 | Villiersdorp: New reservoir at 19 Damme (2,4 MI reservoir) | Water | Water Internal Bulk | | 0 | 0 | 0.3 |
| TK0708037 | Villiersdorp : Upgrading of WWTP | Sanitation | Sanitation Bulk | | 0.3 | 0.3 | 8 |
| TK1011032 | Toilets for informal settlement areas | Sanitation | Internal Sanitation | | 0.2 | 0 | 0 |

[Link to Topic 13 Page 41 – 43 \(optional\) in WSDP Module 1](#)

4.6. APPROVED BUDGETS IN THE MTEF ALLOCATIONS

Are there approved budgets in the MTEF allocations for all these projects?

| Income Subsidies From: | Housing | Trading Services | | | | | | | Grand Total |
|--|---------|--------------------------|--------------------------------|------------------------|----------------|-------|-------------|------------------------|-------------|
| | | Environmental Protection | Waste Management (solid waste) | Waste water management | Road transport | Water | Electricity | Other Trading Services | |
| | | RM | RM | RM | RM | RM | RM | RM | |
| National Government | | | | | | | | | |
| Provincial Government | | | | | | | | | |
| Local Government | | | | | | | | | |
| Other | | | | | | | | | |
| Grants (including the equitable share) from: | | | | | | | | | |
| National Government | | | | | | | | | |
| Provincial Government | | | | | | | | | |
| Local Government | | | | | | | | | |
| Other | | | | | | | | | |
| Spent conditional grants | | | | | | | | | |
| Metering & Billing Income | | | | | | | | | |
| Other Income | | | | | | | | | |
| Deficit | | | | | | | | | |
| Total Income | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

[Link to Topic 10 Page 30 in WSDP Module 1](#)

5. PREPARATION & MAINTENANCE

Is there an Operation & Maintenance Plan in place?: YES

5.1. WATER SERVICES INFRASTRUCTURE:

Existing Groundwater Infrastructure

| | |
|---|-----|
| Staff to perform the function | 2 |
| Budget to perform the function | 2 |
| Sufficient for: | |
| RDP | Yes |
| Higher level services: | Yes |
| the Growth & Development Strategy of the WSA: | Yes |



Z - Zero Compliance
 1 - Below minimum requirement
 2 - Minimum basic requirement
 3 - Above minimum requirement
 N/R Not Required

Existing Surface water Infrastructure

| | |
|---|-----|
| Staff to perform the function | 2 |
| Budget to perform the function | 2 |
| Sufficient for: | |
| RDP | Yes |
| Higher level services: | Yes |
| the Growth & Development Strategy of the WSA: | Yes |

Existing Water Treatment Works Infrastructure

| | |
|---|-----|
| Staff to perform the function | 2 |
| Budget to perform the function | 2 |
| Sufficient for: | |
| RDP | Yes |
| Higher level services: | Yes |
| the Growth & Development Strategy of the WSA: | Yes |

Existing Pump Station Infrastructure

| | |
|---|-----|
| Staff to perform the function | 2 |
| Budget to perform the function | 2 |
| Sufficient for: | |
| RDP | Yes |
| Higher level services: | Yes |
| the Growth & Development Strategy of the WSA: | Yes |

Existing Bulk Pipeline Infrastructure

| | |
|---|-----|
| Staff to perform the function | 2 |
| Budget to perform the function | 2 |
| Sufficient for: | |
| RDP | Yes |
| Higher level services: | Yes |
| the Growth & Development Strategy of the WSA: | Yes |

Existing Tower & Reservoir Infrastructure

| | |
|---|-----|
| Staff to perform the function | 2 |
| Budget to perform the function | 2 |
| Sufficient for: | |
| RDP | Yes |
| Higher level services: | Yes |
| the Growth & Development Strategy of the WSA: | Yes |

[Link to Topic 6 Page 14 - 17 in WSDP Module 1](#)

6. FINANCIAL VIABILITY, INCOME, METERING & BILLING

6.1. Residential: Water

| | URBAN | RURAL |
|-------------------|-------|-------|
| Units Supplied | 18718 | NA |
| Metered % | 100 | NA |
| Billed % | 100 | NA |
| Not Metered | 0 | NA |
| Income Received % | Unk | NA |
| Non Payment % | Unk | NA |

[Link to Topic 10 Page 34 in WSDP Module 1](#)

6.2. Industrial: Water

| | URBAN | RURAL |
|-------------------|-------|-------|
| Units Supplied | 1 | NA |
| Metered % | 100 | NA |
| Billed % | 100 | NA |
| Not Metered | 0 | NA |
| Income Received % | Unk | NA |
| Non Payment % | Unk | NA |

[Link to Topic 10 Page 34 in WSDP Module 1](#)

6.3. Commercial: Sanitation

| | URBAN | RURAL |
|-------------------|-------|-------|
| Units Supplied | 1 | NA |
| Metered % | | |
| Billed % | 100% | NA |
| Not Metered | 0 | NA |
| Income Received % | Unk | NA |
| Non Payment % | Unk | NA |

[Link to Topic 10 Page 35 in WSDP Module 1](#)

6.4. Industrial: Sanitation

| | URBAN | RURAL |
|-------------------|-------|-------|
| Units Supplied | 1 | NA |
| Metered % | | |
| Billed % | 100% | NA |
| Not Metered | 0 | NA |
| Income Received % | Unk | NA |
| Non Payment % | Unk | NA |

[Link to Topic 10 Page 35 in WSDP Module 1](#)

7. WATER RESOURCE DEVELOPMENT

7.1. Water resources development w.r.t. demand management, water balance issues and ecological reserve?

| | |
|---|-----|
| Is there Water conservation and demand management strategy in place?: | YES |
| Is there Budget to perform the function | YES |
| Sufficient Personnel perform the function | YES |
| Adequate for Higher Level Services | YES |
| Does the municipality have a strategy in place to meet 2014 targets? | YES |

7.2. WATER RESOURCE MANAGEMENT

Conjunctive use of surface – and groundwater (Number of settlements)

| | |
|-----------------|---|
| Ground Water | 0 |
| Surface Water | 0 |
| Conjunctive Use | 0 |

[Link to Topic 8 Page 22 in WSDP Module 1](#)

7.3. WATER BALANCE & LOSSES

Water Losses (%)

| | |
|------------------------------|---------|
| Raw Water Bulk Loss | 0% |
| Treated Water Loss :Bulk | 0% |
| Treated Water Loss :Internal | 11.363% |

[Link to Topic 8 Page 24 in WSDP Module 1](#)

Water Balance (Volume Units in Mℓ/d)

| | |
|---------------|-------|
| Bulk | 4.8 |
| Usage | 9.552 |
| Discharged | 7.263 |
| Balance value | 0 |

[Link to Topic 8 Page 24 in WSDP Module 1](#)

8. CONTRACTING & LICENSING

References to the status of all contracting and licensing issues

| FUNCTIONS | % in place |
|--------------------------|------------|
| GENERAL FUNCTIONS | 80% |
| BULK & RETAIL FUNCTIONS | 80% |
| WATER SERVICES PROVIDERS | 80% |

[Link to Topic 11 Page 37 – 38 in WSDP Module 1](#)

8.1. Contracting issues

| GENERAL FUNCTIONS | Policy in Place | Budget to perform the function | Personnel to perform the function | Gazetted | Council approved | Adequate for Basic Services |
|---|-----------------|--------------------------------|-----------------------------------|----------|------------------|-----------------------------|
| Policy development | | | | | | |
| Indigent Policy | Yes | | | NA | Yes | |
| Free basic water policy (including equitable share) | Yes | | | Yes | Yes | |
| Free basic sanitation policy | Yes | | | Yes | Yes | |
| Procurement policy | Yes | | | NA | Yes | |
| Credit control & debt collection policy | Yes | Yes | Yes | Yes | Yes | |
| Regulation and tariffs | | | | | | |
| Water Services bylaws with conditions as required by the Water Services Act | Yes | | | | | |
| Mechanisms to ensure compliance with bylaws | Yes | Yes | Yes | NA | Yes | |
| Tariff structure | Yes | | | Yes | Yes | |
| Tariffs promulgated | Yes | Yes | Yes | Yes | Yes | |

| Water Services Providers | Name | Contract type | % Consumers served by the WSP |
|--------------------------|------------------------------|---------------|-------------------------------|
| Retail water | Theewaterskloof Municipality | NA | 100% |
| Sanitation | Theewaterskloof Municipality | NA | 100% |

[Link to Topic 11 Page 37 – 38 in WSDP Module 1](#)

8.2. Licensing issues

| CURRENT Water sources | Number of sources | Current abstraction (Mm ³ /A) | Licensed abstraction (Mm ³ /A) | Community water supply | |
|----------------------------------|-------------------|--|---|------------------------|-------|
| | | | | Rural | Urban |
| Groundwater | 12 | 0.926414 | 0.696894 | NA | 100% |
| Surface Water | 11 | 1.19472 | 2.28899 | NA | 100% |
| External Sources (Bulk purchase) | 3 | 3.062327 | 7.88358 | NA | 100% |
| Water returned to source | 7 | 2.756639 | Unknown | 0 | 0 |

| FUTURE Water sources | Number of sources | Current abstraction (Mm ³ /A) | Licensed abstraction (Mm ³ /A) | Community water supply | |
|----------------------------------|-------------------|--|---|------------------------|-------|
| | | | | Rural | Urban |
| Groundwater | 13 | | 696.894 | | |
| Surface Water | 11 | | 2288.99 | | |
| External Sources (Bulk purchase) | 3 | | 7883.58 | | |
| Water returned to source | | | | | |

[Link to Topic 9 Page 26 in WSDP Module 1](#)

9. QUALITY & MONITORING

9.1. MONITOTING

% Compliance to drinking water acceptable limits 95%

% Compliance to effluent release acceptable limits 45%

9.2. WATER QUALITY

Is there a Water Quality Plan in Place YES

| WATER QUALITY | % or Number of / Yes No | Policy in Place | Budget to perform the function | Personnel to perform the function | Gazetted | Council approved | Adequate for Basic Services |
|--|-------------------------|-----------------|--------------------------------|-----------------------------------|----------|------------------|-----------------------------|
| Reporting on quality of water taken from source: urban & rural | | Yes | Yes | Yes | Yes | | |
| Quality of water returned to the resource: urban | Yes | | | | | | |
| Quality of water returned to the resource: rural | No | | | | | | |
| Is there a Pollution contingency measures plan in place? | | Yes | Yes | Yes | Yes | | |
| Quality of water taken from source: urban - % monitored | Yes | | Yes | Yes | Yes | | |
| Quality of water taken from source: rural - % monitored | NA | | NA | NA | NA | | |
| Quality of water returned to the source: urban - % | Yes | | Yes | Yes | Yes | | |
| Quality of water returned to the source: rural - % | NA | | NA | NA | NA | | |
| Are these results available in electronic format? (Yes/no) | | Yes | | | | | |
| % Time (days) within SABS 241 standards per year | 95% | | | | | | |

[Link to Topic 9 Page 27 in WSDP Module 1](#)