

## **APPENDICES**

APPENDIX 1: QUATERNARY CATCHMENTS IN THE BREEDE WMA

APPENDIX 2: POTABLE WATER SUPPLY SCHEMES IN THE BREEDE WMA

APPENDIX 3: WASTEWATER TREATMENT WORKS IN THE BREEDE WMA

APPENDIX 4: SOLID WASTE DISPOSAL SITES IN THE BREEDE WMA

APPENDIX 5: LATEST PROPOSED GENERAL AUTHORISATIONS IN THE BREEDE WMA

APPENDIX 6: FORUMS IN THE BREEDE WMA

APPENDIX 7: (Not Used)

APPENDIX 8: MUNICIPALITIES IN THE BREEDE WMA

APPENDIX 9: RESOURCE POOR FARMERS IN THE BREEDE WMA

APPENDIX 10: MAJOR DAMS IN THE BREEDE WMA

APPENDIX 11: FLOW GAUGING STATIONS IN THE BREEDE WMA

## APPENDIX 1: QUATERNARY CATCHMENTS IN THE BREEDE WMA

| Quaternaries                                | Rivers/River Reaches        | Nearest Town            |
|---------------------------------------------|-----------------------------|-------------------------|
| <b><u>CERES (H10A-D)</u></b>                |                             |                         |
| H10A                                        | Skaap                       | Ceres                   |
| H10B                                        | Titus                       | Ceres                   |
| H10C                                        | Koekedouw                   | Ceres, Tulbagh          |
| H10D                                        | Witels                      | Ceres, Wolseley         |
| <b><u>HEX (H20A-H)</u></b>                  |                             |                         |
| H20A                                        | Hex                         | De Doorns               |
| H20B                                        | Hex                         | De Doorns               |
| H20C                                        | Hex, Spek                   | De Doorns               |
| H20D                                        | Hex, Sanddriftskloof        | De Doorns               |
| H20E                                        | Hex                         | De Doorns               |
| H20F                                        | Hex                         | De Doorns               |
| H20G                                        | Hex                         | Worcester               |
| H20H                                        | Breede, Hex                 | Worcester               |
| <b><u>UPPER BREEDE (H10F-L)</u></b>         |                             |                         |
| H10E                                        | Breede, Wit                 | Rawsonville             |
| H10F                                        | Breede, Romans              | Wolseley                |
| H10G                                        | Breede, Slanghoek           | Rawsonville             |
| H10H                                        | Breede, Smalblaar           | Worcester               |
| H10J                                        | Breede, Molenaars           | Rawsonville             |
| H10K                                        | Breede, Holsloot            | Rawsonville             |
| H10L                                        | Breede                      | Rawsonville, Worcester  |
| <b><u>MIDDLE BREEDE (H40A-L ; H50A)</u></b> |                             |                         |
| H40A                                        | Breede, Nuy                 | Montagu                 |
| H40B                                        | Breede, Nuy                 | Montagu                 |
| H40C                                        | Breede, Nuy                 | Worcester               |
| H40D                                        | Doring, Breede              | Villiersdorp            |
| H40E                                        | Klip, Hoeks, Waboom, Breede | Worcester, Villiersdorp |

# APPENDIX 1 (cntd)

| Quaternaries                                      | Rivers/River Reaches              | Nearest Town           |
|---------------------------------------------------|-----------------------------------|------------------------|
| <b><u>MIDDLE BREEDE (H40A-L ; H50A), cntd</u></b> |                                   |                        |
| H40F                                              | Breede                            | Worcester              |
| H40G                                              | Poesjenels                        | Robertson              |
| H40H                                              | Noree, Vink                       | Robertson              |
| H40J                                              | Keisers, Willem Nels, Breede      | Robertson              |
| H40K                                              | Keisers, Konings, Vink, Houtbaais | McGregor               |
| H40L                                              | Breede                            | Robertson              |
| H50A                                              | Breede                            | Bonnievale             |
| <b><u>LOWER BREEDE (H50B ; H70A,G,H,J,K)</u></b>  |                                   |                        |
| H50B                                              | Breede                            | Bonnievale             |
| H70A                                              | Breede                            | Swellendam             |
| H70G                                              | Breede                            | Swellendam             |
| H70H                                              | Breede                            | Swellendam             |
| H70J                                              | Breede                            | Witsand                |
| H70K                                              | Breede                            | Witsand                |
| <b><u>RIVIERSONDEREND (H60A-L)</u></b>            |                                   |                        |
| H60A                                              | Riviersonderend, Wildevyebooms    | Grabouw                |
| H60B                                              | Riviersonderend                   | Grabouw / Villiersdorp |
| H60C                                              | Riviersonderend, Elands           | Villiersdorp           |
| H60D                                              | Elandskloof, Riviersonderend      | Villiersdorp / Caledon |
| H60E                                              | Riviersonderend                   | Greyton                |
| H60F                                              | Riviersonderend                   | Greyton                |
| H60G                                              | Riviersonderend                   | Caledon                |
| H60H                                              | Slang, Riviersonderend            | Riviersonderend        |
| H60J                                              | Riviersonderend                   | Riviersonderend        |
| H60K                                              | Riviersonderend                   | Riviersonderend        |
| H60L                                              | Riviersonderend                   | Riviersonderend        |

### APPENDIX 1 (cntd)

| Quaternaries                      | Rivers/River Reaches                   | Nearest Town           |
|-----------------------------------|----------------------------------------|------------------------|
| <b><u>CBR/KINGNA (H30A-E)</u></b> |                                        |                        |
| H30A                              | Groot, Tradouw, Huis                   | Montagu                |
| H30B                              | Kingna                                 | Montagu                |
| H30C                              | Pietersfontein, Vals                   | Montagu                |
| H30D                              | Keisies, Vals                          | Montagu / Ashton       |
| H30E                              | Cogmanskloof, Sarahs                   | Ashton                 |
| <b><u>TRADOUW (H70B-F)</u></b>    |                                        |                        |
| H70B                              | Klip                                   | Swellendam             |
| H70C                              | Tradouw, Huis                          | Barrydale              |
| H70D                              | Breede, Buffeljags                     | Swellendam             |
| H70E                              | Heuningklip                            | Swellendam             |
| H70F                              | Buffeljags                             | Swellendam             |
| <b><u>PALMIET (G40B,C,D)</u></b>  |                                        |                        |
| G40B                              | Buffels River                          | Betty's Bay            |
| G40C                              | Palmiet, Kromme, Vet, Witklippieskloof | Grabouw                |
| G40D                              | Palmiet, Krom, Huis                    | Grabouw                |
| <b><u>BOT/SWART (G40E-G)</u></b>  |                                        |                        |
| G40E                              | Botrivier                              | Villiersdorp / Grabouw |
| G40F                              | Swart                                  | Bot River / Caledon    |
| G40G                              | Afdaks, Huiswaterkloof                 | Hermanus               |
| <b><u>ONRUS (G40H)</u></b>        |                                        |                        |
| G40H                              | Onrus                                  | Onrus / Hermanus       |
| <b><u>KLEIN (G40J-L)</u></b>      |                                        |                        |
| G40J                              | Klein, Hartbees                        | Caledon                |
| G40K                              | Sondagskloof                           | Caledon                |
| G40L                              | Klein                                  | Stanford               |

# APPENDIX 1 (cntd)

| Quaternaries                         | Rivers/River Reaches  | Nearest Town             |
|--------------------------------------|-----------------------|--------------------------|
| <b><u>UILKRAALS (G40M)</u></b>       |                       |                          |
| G40M                                 | Uilkraals             | Stanford / Franskraal    |
| <b><u>OVERBERG EAST (G50A-K)</u></b> |                       |                          |
| G50A                                 | Koks                  | Bredasdorp               |
| G50B                                 | Nuwejaars             | Napier / Elim            |
| G50C                                 | Nuwejaars             | Elim                     |
| G50D                                 | Sondasgkloof, Kars    | Napier / Bredasdorp      |
| G50E                                 | Kars                  | Bredasdorp               |
| G50F                                 | Kars, Heuningnes Vlei | Struisbaai               |
| G50G                                 | Salt                  | Caledon                  |
| G50H                                 | Salt                  | Bredasdorp               |
| G50J                                 | Salt                  | Waenhuiskrans / Arniston |
| G50K                                 | Salt                  | Infanta / Swellendam     |

## APPENDIX 2: POTABLE WATER SUPPLY SCHEMES IN THE BREEDE WMA

| Area            | Quaternary                             | Scheme Name          | Raw Water Source                                   | Name of Town           | Population Supplied in 1995 | Water Requirements in 1995 (million m <sup>3</sup> /a) |
|-----------------|----------------------------------------|----------------------|----------------------------------------------------|------------------------|-----------------------------|--------------------------------------------------------|
| CERES           | H10C                                   | Prince Alfred Hamlet | Borehole, spring                                   | Prince Alfred Hamlet   | 1850                        | 0.4                                                    |
|                 | H10C                                   | Ceres                | Koekedouw                                          | Ceres                  | 21300                       | 2.8                                                    |
| HEX             | H20F                                   | De Doorns            | Mountain Stream, Sanddrift Government Water Scheme | De Doorns              | 6800                        | 0.73                                                   |
|                 | H20H                                   | Worcester            | Stettynskloof Dam                                  | Worcester              | 75700                       | 11.8                                                   |
| UPPER BREEDE    | H10F                                   | Wolseley             | River                                              | Wolseley               | 5500                        | 0.6                                                    |
|                 | H10L                                   | Rawsonville          | Smalblaar River                                    | Rawsonville            | 1500                        | 0.12                                                   |
| MIDDLE BREEDE   | H40J                                   | Robertson            | Dassieshoek & Koos Kok Dams                        | Robertson              | 17200                       | 1.98                                                   |
|                 | H40K                                   | McGregor             | Houtbaais and Hoeks Rivers                         | McGregor               | 1850                        | 0.2                                                    |
| LOWER BREEDE    | H50B                                   | Bonnievale           | Breede River                                       | Bonnievale             | 5050                        | 1                                                      |
|                 | H70D,E,H,J,K                           | Duiwenhoks           | Duiwenhoks Dam                                     | Duiwenhoks             | 3000                        | 0.4                                                    |
| RIVIERSONDEREND | H60C                                   | Villiersdorp         | Borhole, Elandskloof Dam                           | Villiersdorp           | 3300                        | 0.4                                                    |
|                 | H60E                                   | Genadendal           | Mountain Stream                                    | Genadendal             | 3700                        | 0.3                                                    |
|                 | H60F                                   | Greyton              | Mountain Stream                                    | Greyton                | 650                         | 0.1                                                    |
|                 | H60J                                   | Riviersonderend      | Mountain Stream & Riviersonderend                  | Riviersonderend        | 2650                        | 0.32                                                   |
|                 | H60J,K,L<br>H70A,G,H<br>G50D,E,F,G,H,J | Ruensveld East       | Riviersonderend, Theewaterskloof                   | Arniston/Waenhuiskrans | 6000                        | 0.8                                                    |
|                 | H60D,E,F,G,H,J<br>G40F,K<br>G50D,G     | Ruensveld West       | Riviersonderend, Theewaterskloof                   | Caledon                | 17000                       | 1.7                                                    |
| CBR/KINGNA      | H30B                                   | Montagu              | Mountain streams, Breede River                     | Montagu                | 8800                        | 0.92                                                   |
|                 | H30E                                   | Ashton               | Breede River                                       | Ashton                 | 8450                        | 1.4                                                    |
| TRADOEW         | H70B                                   | Swellendam           | Klip River/small dam                               |                        | 10800                       | 1                                                      |
|                 | H70C                                   | Barrydale            | Huis River                                         | Barrydale              | 1700                        | 0.22                                                   |
|                 | H70D                                   | Suurbraak            | Mountain Stream                                    | Suurbraak              | 1600                        | 0.13                                                   |

## APPENDIX 2 (cntd)

| Area          | Quaternary | Scheme Name                          | Raw Water Source                       | Name of Town                                          | Population Supplied in 1995 | Water Requirements in 1995 (million m <sup>3</sup> /a) |
|---------------|------------|--------------------------------------|----------------------------------------|-------------------------------------------------------|-----------------------------|--------------------------------------------------------|
| PALMIET       | G40B       | Betty's Bay, Pringle Bay, & Rooi Els | Buffels River Dam                      | Betty's Bay, Pringle Bay, Rooi Els                    | 220                         | ?                                                      |
|               | G40C       | Grabouw                              | Eikenhof Dam                           | Grabouw                                               | 14300                       | 0.5                                                    |
|               | G40G       | Kleinmond                            | Palmiet River                          | Kleinmond                                             | 4500                        | 0.9                                                    |
| BOT           | G40E       | Botrivier                            | Boreholes (1 x6)                       | Botrivier                                             | 1950                        | 0.18                                                   |
| ONRUS         | G40H       | Greater Hermanus                     | De Bos Dam                             | Hermanus, Fisherhaven, Vermont, Onrus River, Sandbaai | 20700                       |                                                        |
| KLEIN         | G40L       | Gansbaai                             | Springs, Franskraal Dam                | Gansbaai                                              | 5000                        | ?                                                      |
| UILKRAALS     | G40M       | Kraaibosch                           | Kraaibosch dam                         | Gansbaai                                              |                             |                                                        |
| OVERBERG EAST | G50B       | Elim                                 | Borehole & spring                      | Elim                                                  | 400                         | 0.05                                                   |
|               | G50D       | Napier                               | Boreholes (1 x 3) & mountain stream    | Napier                                                | 2450                        | 0.25                                                   |
|               | G50E       | Bredasdorp                           | Boreholes (1 x 6), Klein Sanddrift Dam | Bredasdorp                                            | 11000                       | 0.8                                                    |
|               | G50F       | L'Agulhas, Struisbaai, Suiderstrand  | Boreholes (1 x 7)                      | L'Agulhas, Struisbaai, Suiderstrand                   | 2700                        | 0.33                                                   |

### APPENDIX 3: WASTEWATER TREATMENT WORKS IN THE BREEDE WMA

| Quat | Responsible Authority / Owner         | Name of Treatment Works | Permit No. | Date Issued | Expiry Date |
|------|---------------------------------------|-------------------------|------------|-------------|-------------|
| H10C | Witzenberg Municipality               | Ceres                   | 213B       | 23/04/1987  |             |
| H10C |                                       | Ceres - Skoonvlei       |            |             |             |
| H10C |                                       | Prince Alfred Hamlet    |            |             |             |
| H10F |                                       | Wolseley                | 1030B      | 03/05/1983  |             |
| H70F | Overberg District Municipality        | Buffeljagsrivier        | 1845B      | 18/05/1999  | 31/05/2004  |
| G40M |                                       | Uilenkraalsmond         |            |             |             |
| H10L | Breede Valley Municipality            | Rawsonville             |            |             |             |
| H20B |                                       | De Doorns               | 807B       | 05/07/1979  |             |
| H20H |                                       | Worcester               | 1571B      | 12/01/1993  |             |
| H30B | Breede River / Winelands Municipality | Montagu                 | 1252B      | 21/10/1986  |             |
| H30E |                                       | Ashton                  | 1056B      | 14/07/1983  |             |
| H40J |                                       | Robertson               | 1083B      | 04/08/1983  |             |
| H40K |                                       | McGregor                |            |             |             |
| H50B |                                       | Bonnievale              | 1686B      | 24/10/1996  |             |
| G40C | Theewaterskloof Municipality          | Grabouw                 | 532B       | 08/10/1985  |             |
| G40E |                                       | Bot River               |            |             |             |
| G40F |                                       | Caledon                 | 2051B      | 29/03/2000  | 30/03/2002  |
| H60C |                                       | Villiersdorp            | 1112B      | 27/08/1984  |             |
| H60E |                                       | Genadendal              |            |             |             |
| H60F |                                       | Greyton                 |            |             |             |
| H60J |                                       | Riviersonderend         | 1780B      | 11/09/1998  | 30/11/2002  |
| G40C | Overstrand Municipality               | Kleinmond               | 853B       | 06/02/1980  |             |
| G40G |                                       | Hawston                 |            |             |             |
| G40H |                                       | Hermanus                | 1894B      | 29/03/2000  | 30/03/2004  |
| G40L |                                       | Gansbaai                | 1742B      | 27/09/1997  | 30/05/2002  |
| G40L |                                       | Stanford                |            |             |             |
| G50A |                                       | Pearly Beach            |            |             |             |



### APPENDIX 3 (cntd)

| Quat         | Responsible Authority / Owner | Name of Treatment Works       | Permit No. | Date Issued | Expiry Date |
|--------------|-------------------------------|-------------------------------|------------|-------------|-------------|
| G50B         | Cape Agulhas Municipality     | Elim                          |            |             |             |
| G50D         |                               | Napier                        | 2006B      | 19/01/2000  | 31/07/2004  |
| G50E         |                               | Bredasdorp                    |            |             |             |
| G50F         |                               | Struisbaai                    |            |             |             |
| G50J         |                               | Waenhuiskrans                 |            |             |             |
| H70B         | Swellendam Municipality       | Swellendam                    | 1699B      | 05/12/1996  | 31/12/2001  |
| H70C         |                               | Barrydale                     | 1687B      | 24/10/1996  | 31/08/2001  |
| H70D         |                               | Suurbraak                     | 1657B      | 03/11/1995  |             |
| H70K         | Langeberg Municipality        | Witsand                       |            |             |             |
| <b>OTHER</b> |                               |                               |            |             |             |
| H40E         | Brandvlei Prison Kommandement | Brandvlei Prison (Worcester)  | 1642B      | 20/02/1995  | 01/12/1999  |
| G40C         | SAFCOL                        | Lebanon                       | 1725B      | 31/07/1997  | 28/02/2002  |
| H70F         | Buffeljagsrivier Prison       | Buffeljagsrivier Prison       |            |             |             |
| H10F         | Correctional Services         | Dwarsrivier Prison (Wolseley) |            |             |             |
| G40C         | De Rust Landgoed (EDMS) Bpk   | De Rust Landgoed              | P199       | 24/10/1995  |             |
| G40C         | Elgin Fruit Juices (Pty) Ltd  | Elgin Fruit Juices PTY LTD    | 1899B      | 03/03/2000  | 30/04/2004  |
| G40C         | Elgin Orchards                | Elgin Orchards PTY LTD        | 875B       | 02/03/1980  |             |
| G40F         | Helderstroom Prison           | Helderstroom Prison (Caledon) | 1446B      | 01/10/1990  |             |
| G40L         | Klein River Holiday Resort    | Hermanus - Lagoon Edge        | 1374B      | 27/07/1989  |             |
| G40C         | Kromco Ltd                    | KROMCO LTD                    | 847B       | 20/11/1979  |             |
| H10H         | Umzingisi School (Goudini)    | Umzingisi School (Goudini)    |            |             |             |

#### APPENDIX 4: SOLID WASTE DISPOSAL SITES IN THE BREEDE WMA

| Quat | Responsible Authority / Owner         | Solid Waste Disposal Site         | Permit No. | Date Issued |
|------|---------------------------------------|-----------------------------------|------------|-------------|
| H10C | Witzenberg Municipality               | Ceres                             | P194       | ?           |
| H10F |                                       | Wolseley                          |            |             |
| H10C |                                       | Prince Alfred Hamlet              |            |             |
| G40H | Overberg District Municipality        | Overberg General Solid Waste      |            |             |
| G40F |                                       | Karwyderskraal                    | P374       | 30/03/2000  |
| H10L | Breede Valley Municipality            | Rawsonville                       |            |             |
| H20H |                                       | Worcester                         | P70        | 15/06/1993  |
| H20B |                                       | De Doorns                         |            |             |
| H30E | Breede River / Winelands Municipality | Ashton                            | P332       | 04/02/1999  |
| H30B |                                       | Montagu                           | P169       | 27/03/1995  |
| H40J |                                       | Robertson                         | P20        | 14/08/1992  |
| H40J |                                       | Robertson - Composting Site       |            |             |
| H40J |                                       | Robertson - New Solid Waste Site  |            |             |
| H40K |                                       | McGregor                          |            |             |
| H50B |                                       | Bonnievale                        | P304       | 31/07/1998  |
| G40C |                                       | Grabouw                           |            |             |
| G40C | Theewaterskloof Municipality          | Grabouw Transfer Station          | P427       | 03/07/2002  |
| G40F |                                       | Caledon                           | P259       | 30/01/1997  |
| G40E |                                       | Bot River                         |            |             |
| H60F |                                       | Greyton                           |            |             |
| H60F |                                       | Greyton - New Waste Disposal Site |            |             |
| H60E |                                       | Genadendal                        |            |             |
| H60C |                                       | Villiersdorp                      | P357       | 30/11/1999  |
| H60J |                                       | Riviersonderend                   |            |             |

#### APPENDIX 4 (cntd)

| Quat         | Responsible Authority / Owner | Solid Waste Disposal Site                     | Permit No. | Date Issued |
|--------------|-------------------------------|-----------------------------------------------|------------|-------------|
| G40C         | Overstrand Municipality       | Kleinmond                                     |            |             |
| G40C         |                               | Kleinmond Transfer Station                    | P458       | 08/01/2002  |
| G40B         |                               | Betty's Bay Drop Off Facility                 |            |             |
| G40B         |                               | Betty's Bay                                   |            |             |
| G40H         |                               | Hermanus Waste Transfer Station               | P457       | 08/01/2002  |
| G40H         |                               | Greater Hermanus Solid Waste Transfer Station |            |             |
| G40L         |                               | Gansbaai                                      | P335       | 30/03/1999  |
| G40L         |                               | Stanford                                      | P254       | 08/01/1997  |
| G50E         | Cape Agulhas Municipality     | Bredasdorp                                    | P329       | 11/12/1998  |
| G50F         |                               | L'Agulhas                                     |            |             |
| G50J         |                               | Waenhuiskrans                                 |            |             |
| G50D         |                               | Napier                                        |            |             |
| G50B         |                               | Elim                                          | P337       | 14/04/1999  |
| G50F         |                               | Struisbaai                                    |            |             |
| G50F         |                               | Struisbaai Regional Waste Site                | ?          | 16/07/2002  |
| H70B         | Swellendam Municipality       | Swellendam                                    | P171       | 05/04/1995  |
| H70D         | Langeberg Municipality        | Suurbraak                                     | P236       | 06/06/1996  |
| <b>OTHER</b> |                               |                                               |            |             |
| H40E         | Brandvlei Prison Kommandement | Brandvlei Prison (Worcester)                  |            |             |
| G40F         | Helderstroom Prison           | Helderstroom Prison (Caledon)                 |            |             |
| H60B         | Theewaters Holiday Resort     | Theewaters Holiday Resort - Villiersdorp      | 1302B      | 09/09/1987  |
|              | Boland District Municipality  | Breede River - General Solid Waste            |            |             |

## APPENDIX 5: LATEST PROPOSED GENERAL AUTHORISATIONS IN THE BREEDE WMA (April 2004)

### (Groundwater abstraction)

| Abstraction Rate per Quaternary Catchment (m <sup>3</sup> per hectare per annum) |      |                                                            |                                                                                                    |                                                                                |
|----------------------------------------------------------------------------------|------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Zero                                                                             | 45   | 75                                                         | 150                                                                                                | 400                                                                            |
| H10C<br>H70F                                                                     | H40F | G40K<br>G50G,H<br>H10A<br>H50B<br>H60G,K,L<br>H70A,B,G,H,J | G40F<br>G50B-E<br>H10L<br>H20A,H<br>H30A-E<br>H40A,C-E,G,H,J,L<br>H50A<br>H60B,E,F,H,J<br>H70C-E,K | G40A-E,G,H,J,L,M<br>G50A,F,J,K<br>H10B-F-H,J,K<br>H20B-G<br>H40B,K<br>H60A,C,D |

### (Surface Water Abstraction = 15 litres per second, excluding the following areas)

| Quaternaries excluded         | Area                                                                                                                        |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| G40B to D                     | Palmiet sub-area                                                                                                            |
| G40E                          | Upper Bot River                                                                                                             |
| G40H                          | Onrus River                                                                                                                 |
| G40J to L                     | Klein sub-area                                                                                                              |
| G50B,C, E & F                 | Nuwejaars River                                                                                                             |
| H10A to L<br>(excluding H10J) | Titus, Koekedouw, Dwars, Holsloot, Wabooms and Slang Rivers (excluding Molenaars River)                                     |
| H20A                          | Hex River to confluence with Breede River                                                                                   |
| H30                           | Kingna River                                                                                                                |
| H40B to H 40L                 | All tributaries to Breede River contributing to and downstream of Greater Brandvlei Dam to confluence with the Kingna River |
| H50A & B                      | Tributaries to confluence and main stream Breede River to s/e boundaries of Zanddrift & Langeberg WUA's                     |
| H60A to F                     | Tributaries of Riviersonderend River to confluence with the Breede River                                                    |
| H70C,D & E                    | Tradouws River to confluence with Buffeljags River                                                                          |

## APPENDIX 6: FORUMS IN THE BREEDE WMA

| Forum Name        | Comment                     |
|-------------------|-----------------------------|
| Bot - Swart River | Established and Functioning |
| Central Breede    | Established and Functioning |
| CBR Kingna        | Established and Functioning |
| Ceres             | Established and Functioning |
| Hex River         | Established and Functioning |
| Klein River       | Established and Functioning |
| Lower Breede      | Established and Functioning |
| Onrus River       | Established and Functioning |
| Overberg East     | Established and Functioning |
| Palmiet           | Established and Functioning |
| Riversonderend    | Established and Functioning |
| Tradouw           | Established and Functioning |
| Uilkraals River   | Established and Functioning |
| Upper Breede      | Established and Functioning |

### APPENDIX 8: MUNICIPALITIES IN THE BREEDE WMA

| District Municipality | Local Municipality     | Main Towns                                                                                              |
|-----------------------|------------------------|---------------------------------------------------------------------------------------------------------|
| BOLAND                | Witzenberg             | Ceres<br>Gouda<br>Tulbagh<br>Wolseley                                                                   |
|                       | Drakenstein            | No major towns in this WMA                                                                              |
|                       | Stellenbosch           | No major towns in this WMA                                                                              |
|                       | Breede Valley          | Brandwacht<br>De Doorns<br>Rawsonville<br>Worcester                                                     |
|                       | Breede River Winelands | Ashton<br>Bonnievale<br>McGregor<br>Montagu<br>Robertson                                                |
| OVERBERG              | Theewaterskloof        | Botrivier<br>Caledon<br>Genadendal<br>Grabouw<br>Greyton<br>Middleton<br>Riversonderend<br>Villiersdorp |

### APPENDIX 8 (cntd)

| District Municipality      | Local Municipality | Main Towns                                                                                                                                                                              |
|----------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OVERBERG (cntd)            | Overstrand         | Betty's Bay<br>Fisherhaven<br>Franskraalstrand<br>Gansbaai<br>Hawston<br>Hermanus<br>Kleinbaai<br>Kleinmond<br>Onrus<br>Pearly Beach<br>Pringle Bay<br>Rooi-Els<br>Sandbaai<br>Stanford |
|                            | Cape Agulhas       | Bredasdorp<br>Elim<br>L'Agulhas<br>Napier<br>Struisbaai<br>Waenhuiskrans / Arniston                                                                                                     |
|                            | Swellendam         | Barrydale<br>Infanta<br>Riviersonderend<br>Suurbraak<br>Swellendam                                                                                                                      |
| GARDEN ROUTE / KLEIN KAROO | Langeberg          | Suurbraak<br>Witsand                                                                                                                                                                    |

### APPENDIX 9: RESOURCE POOR FARMERS IN THE BREEDE WMA

| Area                    | Location   | Project Name                                     | Property/Farm                                                                                                                                                                                          | Farming with                                       |
|-------------------------|------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>CURRENTLY ACTIVE</b> |            |                                                  |                                                                                                                                                                                                        |                                                    |
| HEX                     | Worcester  | Henque Project                                   | Portion 1 of Louzaan 317. (16,1812 ha)                                                                                                                                                                 | Table Grapes for Export                            |
|                         |            | Riverside Waterblommetjies Farm                  | Portion 11 Onder Brandvlei 374. (3,4261 ha), Portion 14 of Onder Brandvlei 374. (20,9199 ha), Portion 15 of Onder Brandvlei 374. (22,4067ha ),Remainder of portion 5 of Onder Brandvlei (201,7566 ha). | Waterblommetjies                                   |
|                         |            | Winola Park Trust                                | Portion 779 of the previously known Nooitgedacht farms (135,08 ha)                                                                                                                                     | Vines, Lucerne, Mixed Farming                      |
| CERES                   | Ceres      | Cold Harvest Business Plan                       | Establishment of a cold storage building. On property Rietvallei 364.                                                                                                                                  | Cold Storage Facility                              |
|                         |            | N'duli Vukani Deelnemings Trust                  | a portion of Portion 10 of Twee Fontein 368. (6,5 ha)                                                                                                                                                  | Vegetables & Chickens                              |
|                         |            | N'Duli Masiphile small farmers Deelnemings Trust | a portion of Portion 10 of Twee Fontein 368. (5,5 ha)                                                                                                                                                  | Vegetables & Chickens                              |
|                         |            | Aurora Plaaswerkers Deelnemings Trust            | a portion of Portion 1 of Rietvalley 364 (46,8 ha)                                                                                                                                                     | Lucerne & Pasture                                  |
|                         |            | La Vouere Estate Deelnemings Trust               | a portion of Portion 10 of Twee Fontein 368. (188 ha)                                                                                                                                                  | Irrigated Pastures for Horse training & Vegetables |
|                         |            | Witzenberg Deelnemings Trust                     | a portion of Portion 10 of Twee Fontein 368. (52ha)                                                                                                                                                    | Pastures, Orchards & Vegetables                    |
|                         |            | Morceaux Boerdery Trust                          | Remainder Erf 7915.(ha), Erf 7917. (ha), Remainder of Erven 7913. (ha)                                                                                                                                 | Pears                                              |
|                         |            | Vickervlei Deelnemings Trust                     | Portion 28 of Tweefontein 368 (19 ha)                                                                                                                                                                  | Vegetables and Fruit                               |
| MIDDLE BREEDE           | Robertson  | Robertson Development Company                    | Remainder of Portion 6 of the farm Appels Drift nr 107, size 147,3638                                                                                                                                  | Lucerne / Vines                                    |
|                         |            | Breede River Winelands Municipality              | Communal ground of Robertson Municipality                                                                                                                                                              | Lucerne - Pastures                                 |
| LOWER BREEDE            | Bonnievale | Eland Boerdery Deelnemings Trust                 | Portion 42 of Angora 176, Remainder of Portion 46 of Angora 176, Portion 31 f Farm 176                                                                                                                 | Vines & Lucerne                                    |
|                         |            | Mountain Boerdery Trust                          | Remainder of Erven 867. (4,6060 ha),Remainder of Erven 884 (7,2455 ha), Erven 865. (1,8651 ha)                                                                                                         | Vines & Lucerne                                    |
|                         |            | Oudekraal Trust                                  | Portion 9 of Oudekraal 170.(12,0999 ha), Portion 29 of Oudekraal 170. (39,3160 ha)                                                                                                                     | Cultivated pastures, Vineyards & Orchards          |



### APPENDIX 9 (cntd)

| CURRENTLY ACTIVE (cntd) |              |                                      |                                                                                                                                                                                                     |                                             |
|-------------------------|--------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Area                    | Location     | Project Name                         | Property/Farm                                                                                                                                                                                       | Farming with                                |
| RIVIERSONDEREND         | Villiersdorp | Dwarstrek SF                         | Klein Dwarstrek No 118 and Dwarstrek Uitspanning No 117                                                                                                                                             | Grapes                                      |
|                         | Villiersdorp | Theewaterskloof                      | Ptn 4 (a ptn of Ptn 4) of the farm Theewaterskloof No 68                                                                                                                                            | Mixed                                       |
|                         | Villiersdorp | Waterval (Gert Balie)                | Ptn 109, a ptn of Ptn 61 of the farm Waterval No 72                                                                                                                                                 | Fruit, vegetables                           |
|                         | Vyeboom      | Klipfontein                          | Ptn 23, a ptn of Ptn 8 of the farm Klipfontein No 82                                                                                                                                                | Fruit                                       |
| TRADOUW                 | Swellendam   | Bordeau Trust                        | Remainder of Portion 35 of Gelukshoop 223. ( 22,9537 ha), Portion 38 of Gelukshoop 223. (24,8256 ha), Portion 49 of Gelukshoop 223 (2,6756 ha)                                                      | Peaches, Apricots, Grapes, Olives & Lucerne |
|                         | Swellendam   | Swellendam Rooms Katolieke Kerk      | Convent Farm (99 year lease)                                                                                                                                                                        | Fruit, vegetables                           |
|                         | Barrydale    | Barrydale Gemeenskaps Boerdery Trust | Rem of Ptn 12, Ptn 25 and Rem of Ptn 21 of the farm Het Goed Geloof No 70, Farm No 570, Ptn 16 and Ptn 14 of the farm Weltevreden No 67 and 1/2 share in Ptn 5 of the farm Annex Weltevreden no 57. | Fruit                                       |
|                         | Suurbraak    | Pieterse Familie Trust               | Erf 543 and Erf 560 , Suurbraak                                                                                                                                                                     | Cattle, pigs                                |
| BOT                     | Caledon      | Boontjieskraal                       | Boontjieskraal Uitspanning, No 413, Caledon                                                                                                                                                         | Koring, Canola                              |
|                         | Caledon      | Riversonderend (Mnr Palmer)          | De Poort No 408                                                                                                                                                                                     | Vegetables, Boerbokke, Buchu, Chickens      |
| OVERBERG EAST           | Bredasdorp   | Retrospective BK                     | Ptn 1 of the farm Luipaards Kop No 53                                                                                                                                                               | Wheat, ostriches, sheep, cattle             |
| FUTURE (NEW)            |              |                                      |                                                                                                                                                                                                     |                                             |
| RIVIERSONDEREND         | Villiersdorp | John Pickard                         | Thistledown Trust No T 26464/88                                                                                                                                                                     | Apples and pears                            |
|                         | Villiersdorp | N Louw                               |                                                                                                                                                                                                     | Vegetables                                  |
|                         | Villiersdorp | Adam Potberg                         |                                                                                                                                                                                                     | Vegetables, olives                          |
| TRADOUW                 | Swellendam   | Abraham Johannes Plaatjes            | Suurbraak Act 9 land                                                                                                                                                                                | Graze land, sheep, pigs                     |

# APPENDIX 9 (cntd)

| FUTURE (NEW) - cntd                    |                     |                                      |                                                                                                                                                                           |                                           |
|----------------------------------------|---------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| BOT                                    | Caledon             | AB Cloete                            | Boontjieskraal No 413 Uitspanning                                                                                                                                         | Livestock, Vegetables                     |
|                                        | Caledon             | DP Theunis                           | Matjiesdrif No 369                                                                                                                                                        | Livestock                                 |
|                                        | Caledon             | Jan Hugo                             | Matjiesdrif No 369                                                                                                                                                        | Bokke                                     |
|                                        | Caledon             | Josef Moses                          | Boontjieskraal No 413 Uitspanning                                                                                                                                         | Small Livestock                           |
|                                        | Caledon             | Stephen Issel                        | Hagedisberg, Plaas No 661                                                                                                                                                 | Bokke                                     |
|                                        | Kleinmond           | Kleinmond Landbouegroep              |                                                                                                                                                                           | Boegoe, blue berries, framboos, tomatoes  |
| KLEIN                                  | Gansbaai            | Gansbaai Groepering                  |                                                                                                                                                                           | Proteas, Livestock                        |
| OVERBERG EAST                          | Bredasdorp          | Overberg Small Farmers               | Remainder of the farm Wolvengat No 297                                                                                                                                    | Livestock, flowers                        |
|                                        | Elim                | Elim Boere                           | Elim Mission Station land                                                                                                                                                 | Cattle, Sheep, Chicken, Vegetables, Wheat |
|                                        | Elim                | Elim Suiwelprojek                    | Elim Mission Station land                                                                                                                                                 | Diary                                     |
| PALMIET                                | Grabouw             | Overberg Khoi Kulturele Vereniging   | Erf 1, Kamp B, C, D, E, F                                                                                                                                                 | Chicken, Pigs, Vegetables, Livestock      |
|                                        | Kleinmond / Grabouw | Cornelius Petersen                   | Geelbeck's vallei No 544 [T2740/1936] of New Forest No 334 [T17758/1962] of Knoflokskraal No 335 [T1363/1911]                                                             | Fruit (apples, grapes) vegetables         |
|                                        | Grabouw             | Weltevreden                          |                                                                                                                                                                           | Vegetables                                |
|                                        | Suurbraak           | Suurbraak Boere                      | Suurbraak Act 9 land                                                                                                                                                      | Cattle, Sheep, pigs, Chicken, Vegetables  |
|                                        | Vyeboom             | Bushman Cold Store                   | Ptn 29 (ptn of ptn 8) of the farm Vygeboom No 86 [T71894/2002]                                                                                                            | CA Cold Store                             |
| <b><u>Dormant (standing still)</u></b> |                     |                                      |                                                                                                                                                                           |                                           |
| BOT                                    | Tesselaarsdal       | Tesselaarsdal                        | Ptn 86 of the farm No 811                                                                                                                                                 | Organic fruit & Vegetables                |
| OVERBERG EAST                          | Bredasdorp          | Bredasdorp Landbou Ontwikkelingsunie | Farm no 347, known as Swartjeskop                                                                                                                                         | Dairy, ostriches, pigs                    |
| PALMIET                                | Grabouw             | Dalfarms                             | Ptn 3 of the farm De Hoop                                                                                                                                                 | Fruit & Vegetables                        |
| TRADOUW                                | Barrydale           | Andes Trust                          | Ptn 18, Ptn 20, Ptn 21, Ptn 25, Ptn 26, Ptn 43, Ptn 44, Ptn 48 of the farm Tradouw No 69 3/48 share in the farm Zuurplaats No 71, 1/36 share in the farm Zuurplaats Nr 71 | Fruit                                     |

# APPENDIX 10: MAJOR DAMS IN THE BREEDE WMA

| Area            | Dam Name          | Quat | Live Storage (10 <sup>6</sup> m <sup>3</sup> ) | Yield              | Use                           | Owner                         |
|-----------------|-------------------|------|------------------------------------------------|--------------------|-------------------------------|-------------------------------|
| MIDDLE BREEDE   | Keerom            | H40B | 10.4                                           | 3.8                |                               | Nuy Irrigation Board          |
|                 | Klipberg          | H40K | 2                                              | 0.63               | Irrigation                    | DWAF                          |
|                 | Moordkuil         | H40E | 1.07                                           | 2.6                | Irrigation                    | Moordkuil Irrigation Board    |
| CBR/KINGNA      | Poortjieskloof    | H30A | 9.2                                            | 2                  | Irrigation                    | DWAF                          |
|                 | Knipes Hope       | H30B | 3.1                                            | 0                  | Store water from Breede River | Cogmanskloof Irrigation Board |
|                 | Pietersfontein    | H30C | 2                                              | 0.7                | Not known                     | DWAF                          |
| CERES           | Greater Brandvlei | H10L | 342 <sup>(1)</sup>                             | 155 <sup>(2)</sup> | Irrigation                    | DWAF                          |
|                 | Koekedouw         | H10C | 22.5                                           | 17                 | Irrigation                    | Ceres Municipality            |
|                 | Stettynskloof     | H10K | 15.5                                           | 25                 | Domestic                      | Worcester Municipality        |
| HEX             | Roode Elsberg     | H20C | 7.7                                            | 9                  | Domestic and irrigation       | DWAF                          |
|                 | Lakenvallei       | H20D | 10.3                                           | -                  |                               | DWAF                          |
| ONRUS           | De Bos            | G40H | 6.3                                            | 3.3                | Domestic and irrigation       | Hermanus                      |
| PALMIET         | Applethwaite      | G40C | 3.5                                            | 2.1                | Irrigation                    | Elgin Orchards                |
|                 | Eikenhof          | G40C | 29                                             | 35                 | Irrigation                    | Groenland Irrigation Board    |
|                 | Grootvlei         | G40C | 1.6                                            | 1.7                | Irrigation                    | Elgin Orchards                |
|                 | Nuweberg          | G40C | 3.9                                            | 4.7                | Domestic and irrigation       | Nuweberg Dam Syndicate        |
|                 | Arieskraal        | G40D | 4.4                                            | 3.6                | Irrigation                    | Arieskraal Farm               |
|                 | Kogelberg         | G40D | 17.28                                          | 24.5               | Irrigation                    | DWAF                          |
|                 | Rockview          | G40D | 17.5                                           | 0                  | Hydropower generation         | DWAF                          |
| RIVIERSONDEREND | Elandskloof       | H60C | 11.4                                           | 12                 | Domestic and irrigation       | DWAF                          |
|                 | Theewaterskloof   | H60D | 480.2                                          | 204                | Domestic and irrigation       | DWAF                          |
| TRADOUW         | Buffeljags        | H70E | 5.2                                            | 11                 | Irrigation                    | DWAF                          |
| UILKRAALS       | Kraaibosch        | G40M | ?                                              | ?                  | Irrigation and Domestic       | Kraaibosch Dam Syndicate      |

- Greater Brandvlei Dam is filled by diversions from the Holsloot and Smalblaar Rivers via a canal which enters the dam 3m below FSL, and corresponds to a capacity of 342 million m<sup>3</sup>, with 133 million m<sup>3</sup> spare capacity remaining (Ref. 8).
- The firm yield of the existing system is 155 million m<sup>3</sup>/a for a storage of 342 million m<sup>3</sup>.

**APPENDIX 11: FLOW GAUGING STATIONS IN THE BREEDE WMA**

| Drainage Region | Gauge No.  | River Name          | Place                | Catchment Area | Position  |           | Primary Data |            |
|-----------------|------------|---------------------|----------------------|----------------|-----------|-----------|--------------|------------|
|                 |            |                     |                      |                | Latitude  | Longitude | From         | To         |
| H10             | H1H002-A01 | HOLSLOOT RIVER      | RAWSONVILLE          | 195            | 33 41'05" | 19 20'04" | 01/12/1914   | 30/04/1919 |
|                 | H1H003-A01 | BREE RIVER          | CERES TOEKEN GEB.    | 657            | 33 22'52" | 19 18'10" | 22/02/1923   | 28/08/2002 |
|                 | H1H004-A01 | JAN DUTOITS RIVER   | DE BREEDE RIVER      | 54             | 33 33'45" | 19 20'29" | 07/02/1928   | 01/01/1941 |
|                 | H1H005-A01 | JAN DUTOITS RIVER   | GOUDINIWEG           | 80             | 33 36'31" | 19 18'04" | 01/04/1950   | 31/12/1951 |
|                 | H1H006-A01 | BREE RIVER          | CERES TOEKEN GEB.    | 753            | 33 25'18" | 19 16'06" | 16/04/1950   | 28/08/2002 |
|                 | H1H007-A01 | WIT RIVER           | DROSTERSKLOOF        | 84             | 33 34'05" | 19 08'54" | 01/10/1935   | 29/08/2002 |
|                 | H1H008-A01 | SMALBLAAR RIVER     | RAWSONVILLE          | 215            | 33 41'39" | 19 18'54" | 01/04/1950   | 25/06/1954 |
|                 | H1H009-A01 | HOLSLOOT RIVER      | BOONTJIES RIVER      | 193            | 33 41'37" | 19 19'29" | 01/05/1950   | 23/08/2002 |
|                 | H1H010-A01 | HOLSLOOT RIVER      | RAWSONVILLE          | 196            | 33 40'20" | 19 20'23" | 22/04/1970   | 27/03/1979 |
|                 | H1H011-A01 | WIT RIVER           | OOSTENBERG           | 28             | 33 38'37" | 19 06'43" | 12/02/1953   | 19/08/1954 |
|                 | H1H012-A01 | HOLSLOOT RIVER      | DASCHBOSCH           | 146            | 33 45'24" | 19 19'50" | 15/03/1963   | 18/04/1986 |
|                 | H1H013-A01 | KOEKEDOE RIVER      | CERES                | 53             | 33 21'32" | 19 17'54" | 24/02/1965   | 28/08/2002 |
|                 | H1H014-A01 | VALS RIVER          | BEN ETIVE            | 9              | 33 26'05" | 19 24'17" | 26/02/1965   | 13/05/1982 |
|                 | H1H015-A01 | BREE RIVER          | DIE NEKKIES          | 1981           | 33 41'03" | 19 25'19" | 01/10/1966   | 31/10/1982 |
|                 | H1H016-A01 | ROOIKLOOF RIVER     | BEN ETIVE            | 11             | 33 25'15" | 19 28'43" | 04/06/1966   | 10/04/1991 |
|                 | H1H017-A01 | ELANDS RIVER        | HAWEQUAS FOREST RES. | 61             | 33 44'00" | 19 06'54" | 10/03/1969   | 17/06/1992 |
|                 | H1H018-A01 | MOLENAARS           | HAWEQUAS FOREST RES. | 113            | 33 43'24" | 19 10'13" | 26/02/1969   | 23/08/2002 |
|                 | H1H019-A01 | SLANGHOEK RIVER     | SLANGHOEK            | 66             | 33 35'06" | 19 13'31" | 11/03/1969   | 14/01/1977 |
|                 | H1H020-A01 | HARTEBEES RIVER     | BRANDWACHTSBERG      | 13             | 33 33'29" | 19 26'10" | 04/07/1972   | 03/12/1981 |
|                 | H1H021-A01 | SMALBLAAR/ HOLSLOOT | RAWSONVILLE          | N/A            | 33 41'06" | 19 19'58" | 08/07/1985   | 23/08/2002 |
|                 | H1H022-A01 | LEFT CANAL FROM     | CERES TOEKEN GEB.    | N/A            | 33 25'18" | 19 16'06" | 04/02/1958   | 28/08/2002 |
|                 | H1H025-A01 | RIGHT PRICIPAL CAN. | EZELSFONTEIN         | N/A            | 33 23'27" | 19 24'52" | 06/05/1965   | 16/02/1984 |
|                 | H1H027-A01 | RIGHT CANAL FROM    | LOWER BRANDVLEI      | N/A            | 33 42'16" | 19 27'13" | 07/11/1943   | 01/07/1981 |
|                 | H1H028-A01 | CANAL FROM          | DIE NEKKIES          | N/A            | 33 41'32" | 19 26'10" | 01/07/1981   | 12/07/2002 |
|                 | H1H029-A01 | SUPPLY CANAL        | BOKKEKRAAL           | N/A            | 33 42'06" | 19 27'00" | 07/06/1963   | 23/08/2002 |
|                 | H1H032-A01 | HOLSLOOT RIVER      | HAWEQUAS FOREST RES. | 55             | 33 50'13" | 19 15'12" | 28/06/1963   | 01/12/1978 |
|                 | H1H033-A01 | ELANDS RIVER        | HAWEQUAS FOREST RES. | 32             | 33 44'05" | 19 06'54" | 29/04/1991   | 08/08/2002 |
|                 | H1R001-A01 | BRANDVLEI DAM       | DE KOPPEN            | 62             | 33 42'06" | 19 27'00" | 01/02/1926   | 01/08/2002 |

### APPENDIX 11 (cntd)

| Drainage Region | Gauge No.  | River Name          | Place                | Catchment Area | Position  |           | Primary Data |            |
|-----------------|------------|---------------------|----------------------|----------------|-----------|-----------|--------------|------------|
|                 |            |                     |                      |                | Latitude  | Longitude | From         | To         |
| H10 (cntd)      | H1R002-A01 | STETTYNSKLOOF DAM   | HAWEQUAS FOREST RES. | 55             | 33 50'11" | 19 15'10" | 01/05/1958   | 23/08/2002 |
|                 | H1R003-A01 | CERES DAM           | CERES                | 49.8           | 33 21'45" | 19 16'30" | 01/04/1997   | 01/06/1997 |
| H20             | H2H001-A01 | HEX RIVER           | NEW GLEN HEATLIE     | 697            | 33 33'44" | 19 30'39" | 01/10/1927   | 06/03/1989 |
|                 | H2H003-A01 | HEX RIVER           | DE WET               | 718            | 33 36'00" | 19 30'33" | 01/05/1950   | 05/05/1986 |
|                 | H2H004-A01 | SANDDRIFSKLOOF      | ZANDRIFTSKLOOF       | 175            | 33 29'03" | 19 31'46" | 01/06/1965   | 18/01/2002 |
|                 | H2H005-A01 | ROOI ELSKLOOF RIVER | ROOI ELSBERG         | 15             | 33 27'42" | 19 32'06" | 26/09/1969   | 30/08/2002 |
|                 | H2H006-A01 | HEX RIVER           | GLEN HEATLIE         | 703            | 33 34'39" | 19 30'12" | 11/08/1980   | 30/08/2002 |
|                 | H2H007-A01 | INVERDOORN CANAL    | HOTTENTOTS KRAAL     | N/A            | 33 19'49" | 19 38'12" | 22/07/1982   | 24/04/2002 |
|                 | H2H008-A01 | VALSGAT RIVER       | HOTTENTOTS KRAAL     | 16             | 33 19'49" | 19 38'12" | 29/06/1982   | 03/07/2002 |
|                 | H2H009-A01 | SPEK CANAL FROM     | UITKOMST             | N/A            | 33 20'42" | 19 37'15" | 29/06/1982   | 28/08/2002 |
|                 | H2H011-A01 | DE WET CANAL FROM   | NEW GLEN HEATLIE     | N/A            | 33 33'44" | 19 30'39" | 01/10/1932   | 30/08/2002 |
|                 | H2H012-A01 | NONNA CANAL FROM    | NEW GLEN HEATLIE     | N/A            | 33 33'44" | 19 30'39" | 16/03/1971   | 30/08/2002 |
|                 | H2H013-A01 | RIGHT CANAL FROM    | DE WET               | N/A            | 33 36'00" | 19 30'33" | 21/08/1979   | 05/05/1986 |
|                 | H2H015-A01 | SANDDRIFSKLOOF      | ROODE ELS BERG       | 139            | 33 26'12" | 19 34'08" | 01/06/1965   | 30/08/2002 |
|                 | H2H016-A01 | SANDDRIFSKLOOF      | LAKENVLEI            | 80             | 33 22'00" | 19 34'50" | 01/06/1970   | 17/03/2002 |
|                 | H2R001-A01 | ROODE ELSBERG DAM   | ROODE ELS BERG       | 139            | 33 26'12" | 19 34'08" | 01/08/1967   | 30/08/2002 |
|                 | H2R002-A01 | LAKENVALLEI DAM     | LAKENVLEI            | 80             | 33 22'00" | 19 34'50" | 07/07/1975   | 28/08/2002 |
| H30             | H3H001-A01 | KINGNA              | MONTAGU              | 593            | 33 47'28" | 20 07'29" | 01/11/1925   | 01/05/1928 |
|                 | H3H002-A01 | GROOT RIVER         | POORTJIES KLOOF      | 184            | 33 49'13" | 20 19'00" | 01/11/1925   | 30/04/1934 |
|                 | H3H003-A01 | GROOT RIVER         | POORTJIES KLOOF      | 93             | 33 51'49" | 20 22'19" | 01/05/1934   | 30/09/1948 |
|                 | H3H004-A01 | KEISIE              | HARMONIE             | 14             | 33 41'47" | 19 55'44" | 20/03/1965   | 08/09/1992 |
|                 | H3H005-A01 | KEISIE              | KEISIESDOORNS        | 76             | 33 42'31" | 20 03'33" | 17/03/1965   | 30/07/2002 |
|                 | H3H006-A01 | WARMWATERSKLOOF     | AAN DE COGMANSKLOOF  | 51             | 33 42'06" | 20 07'23" | 06/08/1969   | 31/01/1975 |
|                 | H3H007-A01 | BADENFONTEINE EYE   | AAN DE COGMANSKLOOF  | N/A            | 33 42'18" | 20 07'19" | 04/10/1969   | 31/01/1975 |
|                 | H3H008-A01 | WARMWATERSKLOOF     | AAN DE COGMANSKLOOF  | 51             | 33 42'36" | 20 07'02" | 04/04/1969   | 01/11/1974 |
|                 | H3H009-A01 | DWARIEGA RIVER      | RIET RIVER           | 14             | 33 53'22" | 20 20'08" | 11/03/1969   | 11/10/1979 |
|                 | H3H010-A01 | WARMWATERSKLOOF     | AAN DE COGMANSKLOOF  | 51             | 33 42'23" | 20 07'08" | 04/10/1969   | 24/09/1971 |
|                 | H3H011-A01 | KOGMANSKLOOF RIVER  | GOLD MINE            | 1201           | 33 52'15" | 20 00'12" | 10/12/1985   | 26/08/2002 |
|                 | H3H012-A01 | LEFT CANAL FROM     | RIET RIVER           | N/A            | 33 53'28" | 20 20'08" | 01/12/1977   | 20/09/1979 |

# APPENDIX 11 (cntd)

| Drainage Region | Gauge No.  | River Name           | Place                | Catchment Area | Position  |           | Primary Data |            |
|-----------------|------------|----------------------|----------------------|----------------|-----------|-----------|--------------|------------|
|                 |            |                      |                      |                | Latitude  | Longitude | From         | To         |
| H30 (cntd)      | H3H013-A01 | LEFT CANAL FROM      | POORTJIES KLOOF      | N/A            | 33 51'13" | 20 22'30" | 21/03/1957   | 27/08/2002 |
|                 | H3H014-A01 | IRRIGATION PIPELINE  | PIETERSFONTEIN       | N/A            | 33 40'00" | 20 01'00" | 01/10/1969   | 01/04/1982 |
|                 | H3H015-A01 | PIETERSFONTEIN       | PIETERSFONTEIN       | 116            | 33 40'13" | 20 01'02" | 01/03/1979   | 30/07/2002 |
|                 | H3R001-A01 | POORTJIESKLOOF DAM   | POORTJIES KLOOF      | 94             | 33 51'30" | 20 22'20" | 21/03/1957   | 27/08/2002 |
|                 | H3R002-A01 | PIETERSFONTEIN DAM   | PIETERSFONTEIN       | N/A            | 33 40'00" | 20 01'00" | 07/04/1969   | 27/08/2002 |
| H40             | H4H001-A01 | BREE RIVER           | APPELS DRIFT         | 5025           | 33 49'50" | 19 50'00" | 01/01/1911   | 01/02/1917 |
|                 | H4H002-A01 | BREE RIVER           | DE GORREE            | 4644           | 33 49'49" | 19 47'19" | 01/03/1933   | 30/06/1954 |
|                 | H4H003-A01 | VINK RIVER           | VINK RIVER           | 57             | 33 41'29" | 19 43'08" | 24/04/1931   | 31/10/1947 |
|                 | H4H004-A01 | NUY RIVER            | WAAIKLOOFSBERG       | 10.7           | 33 37'53" | 19 40'37" | 16/03/1940   | 30/09/1948 |
|                 | H4H005-A01 | WILLEM NELS RIVER    | LANGEVALLEY          | 24             | 33 45'50" | 19 51'06" | 01/04/1950   | 21/12/1981 |
|                 | H4H006-A01 | BREE RIVER           | LOWER BRANDVLEI      | 2939           | 33 42'26" | 19 27'56" | 19/04/1950   | 06/08/1990 |
|                 | H4H007-A01 | KOO RIVER            | DIE KOO              | 48             | 33 38'19" | 19 48'52" | 30/03/1965   | 08/09/1992 |
|                 | H4H008-A01 | KOO RIVER            | DWARS IN DIE WEG     | 101            | 33 35'47" | 19 45'46" | 09/04/1965   | 08/09/1992 |
|                 | H4H009-A01 | HOEKS RIVER TRIB. OF | HOEKSBERG            | 18             | 34 00'37" | 19 50'19" | 26/04/1967   | 07/09/1992 |
|                 | H4H010-A01 | HOUTBAAISRIVER       | SCHURFBERG           | 26             | 33 59'21" | 19 49'13" | 20/04/1967   | 01/02/1982 |
|                 | H4H011-A01 | KEISERS RIVER        | UITNOOD              | 267            | 33 51'31" | 19 52'54" | 01/03/1968   | 28/02/1983 |
|                 | H4H012-A01 | WATERKLOOF SPRUIT    | POESJENELS RIVER     | 14             | 33 57'15" | 19 35'17" | 28/02/1969   | 25/05/1992 |
|                 | H4H013-A01 | HOEKS RIVER          | MODDERGAT            | 103            | 33 51'36" | 19 24'31" | 06/03/1970   | 17/06/1991 |
|                 | H4H014-A01 | BREE RIVER           | KARROO               | 4140           | 33 46'00" | 19 32'41" | 26/03/1973   | 15/06/1992 |
|                 | H4H015-A01 | HOUTBAAISRIVER       | SCHURFBERG           | 25             | 33 59'34" | 19 49'15" | 10/05/1978   | 15/07/2002 |
|                 | H4H016-A01 | KEISERS RIVER        | MC GREGOR TOEKEN GEB | 117            | 33 56'25" | 19 50'28" | 08/12/1978   | 26/08/2002 |
|                 | H4H017-A01 | BREE RIVER           | LE CHASSEUR          | 4336           | 33 49'05" | 19 41'41" | 29/04/1980   | 26/08/2002 |
|                 | H4H018-A01 | POESJENELS RIVER     | LE CHASSEUR          | 237            | 33 52'03" | 19 43'02" | 13/06/1980   | 26/08/2002 |
|                 | H4H019-A01 | VINK RIVER           | DE GORREE            | 204            | 33 49'10" | 19 47'43" | 04/09/1980   | 15/07/2002 |
|                 | H4H020-A01 | NUY RIVER            | DOORN RIVER          | 622            | 33 43'05" | 19 28'56" | 20/02/1984   | 26/08/2002 |
|                 | H4H024-A01 | ROBERTSON CANAL      | DE GORREE            | N/A            | 33 49'49" | 19 47'21" | 27/11/1977   | 24/09/1979 |
|                 | H4H027-A01 | RIGHT CANAL FROM     | HOEKSBERG            | N/A            | 34 00'37" | 19 50'19" | 26/04/1967   | 15/06/1992 |
|                 | H4H029-A01 | LEFT CANAL FROM      | POESJENELS RIVER     | N/A            | 33 57'15" | 19 35'17" | 29/09/1980   | 05/06/1989 |
|                 | H4H030-A01 | LEFT CANAL FROM      | MODDERGAT            | N/A            | 33 51'36" | 19 24'31" | 30/12/1976   | 05/06/1989 |

### APPENDIX 11 (cntd)

| Drainage Region | Gauge No.  | River Name       | Place              | Catchment Area | Position  |           | Primary Data |            |
|-----------------|------------|------------------|--------------------|----------------|-----------|-----------|--------------|------------|
|                 |            |                  |                    |                | Latitude  | Longitude | From         | To         |
| H40 (cntd)      | H4H031-A01 | RIGHT CANAL FROM | MODDERGAT          | N/A            | 33 51'36" | 19 24'31" | 06/03/1970   | 22/12/1976 |
|                 | H4H032-A01 | RIGHT CANAL FROM | DRAAIVLEI          | N/A            | 33 47'42" | 19 28'21" | 06/07/1950   | 31/07/1974 |
|                 | H4H033-A01 | RIGHT CANAL FROM | RHEBOKS VLAK       | N/A            | 33 35'07" | 19 42'40" | 18/05/1954   | 16/07/2002 |
|                 | H4H034-A01 | LEFT CANAL FROM  | KLIP BERG          | N/A            | 33 56'20" | 19 47'40" | 16/05/1967   | 26/08/2002 |
|                 | H4H035-A01 | LEFT CANAL FROM  | DOORN RIVER        | N/A            | 33 45'45" | 19 28'27" | 20/11/1975   | 26/08/2002 |
|                 | H4R001-A01 | MOORDKUIL DAM    | DRAAIVLEI          | 176            | 33 47'42" | 19 28'21" | 17/04/1950   | 28/10/1982 |
|                 | H4R002-A01 | KEEROM DAM       | RHEBOKS VLAK       | 377            | 33 35'07" | 19 42'40" | 18/05/1954   | 27/08/2002 |
|                 | H4R003-A01 | KLIPBERG DAM     | KLIP BERG          | 54             | 33 56'20" | 19 47'40" | 16/05/1967   | 26/08/2002 |
|                 | H4R004-A01 | KWAGGASKLOOF DAM | DOORN RIVER        | 64             | 33 45'45" | 19 28'27" | 24/06/1975   | 26/08/2002 |
| H50             | H5H002-A01 | BREE RIVER       | GOLD MINE          | 6684           | 33 53'19" | 20 00'48" | 03/08/1954   | 20/02/1997 |
|                 | H5H003-A01 | BOESMANS RIVER   | BOSJESMANS RIVER   | 25             | 34 02'25" | 19 58'48" | 07/04/1969   | 26/08/2002 |
|                 | H5H004-A01 | BREE RIVER       | WOLWENDRIFT        | 6690           | 33 53'52" | 20 00'46" | 23/03/1970   | 26/08/2002 |
|                 | H5H005-A01 | BREE RIVER       | WAGENSBOOMSHEUWEL  | 7253           | 34 00'08" | 20 12'48" | 06/11/1975   | 18/06/1991 |
| H60             | H6H001-A01 | RIVIERSONDEREND  | RUS VALLEY         | 280            | 34 01'34" | 19 12'29" | 01/03/1932   | 29/02/1948 |
|                 | H6H002-A01 | RIVIERSONDEREND  | GLORIA             | 486            | 34 00'00" | 19 00'00" | 22/02/1932   | 10/03/1936 |
|                 | H6H003-A01 | RIVIERSONDEREND  | DWARSHOEK          | 497            | 34 04'39" | 19 17'27" | 01/10/1932   | 11/11/1974 |
|                 | H6H004-A01 | BAVIAANS RIVER   | GENADENDAL         | 34             | 34 02'57" | 19 33'37" | 16/03/1949   | 30/06/1963 |
|                 | H6H005-A01 | BAVIAANS RIVER   | GENADENDAL         | 24             | 34 01'44" | 19 33'27" | 24/06/1963   | 19/08/2002 |
|                 | H6H006-A01 | ELANDS RIVER     | TWIST NIET         | 56             | 33 57'53" | 19 17'32" | 24/02/1964   | 24/11/1982 |
|                 | H6H007-A01 | DU TOITS RIVER   | PURGATORY UITSPAN  | 46             | 33 56'19" | 19 10'17" | 14/03/1964   | 07/09/1992 |
|                 | H6H008-A01 | RIVIERSONDEREND  | SWARTE RIVER       | 38             | 34 03'44" | 19 04'23" | 18/04/1964   | 07/09/1992 |
|                 | H6H009-A01 | RIVIERSONDEREND  | REENEN             | 2007           | 34 04'32" | 20 08'44" | 09/05/1964   | 26/08/2002 |
|                 | H6H010-A01 | WATERKLOOF RIVER | WAGGENSBOOMS KLOOF | 15             | 33 59'00" | 19 19'48" | 17/02/1969   | 19/08/2002 |
|                 | H6H011-A01 | WATERKLOOF RIVER | TYDSGENOEG         | 11             | 34 05'45" | 19 07'19" | 07/05/1974   | 07/09/1992 |
|                 | H6H012-A01 | RIVIERSONDEREND  | DWARSTREK          | 515            | 34 04'39" | 19 17'27" | 05/06/1974   | 19/08/2002 |
|                 | H6H013-A01 | LEFT CANAL FROM  | TWIST NIET         | N/A            | 33 57'53" | 19 17'32" | 09/09/1972   | 29/01/1980 |
|                 | H6H014-A01 | LEFT CANAL FROM  | REENEN             | N/A            | 34 04'32" | 20 08'44" | 01/05/1964   | 30/01/1989 |
|                 | H6H015-A01 | ELANDS RIVER     | TWIST NIET         | 56             | 33 57'07" | 19 15'06" | 01/01/1980   | 08/07/2002 |
|                 | H6H016-A01 | LEFT CANAL FROM  | TWIST NIET         | N/A            | 33 57'07" | 19 15'06" | 01/01/1980   | 19/08/2002 |

# APPENDIX 11 (cntd)

| Drainage Region | Gauge No.  | River Name          | Place                | Catchment Area | Position  |           | Primary Data |            |
|-----------------|------------|---------------------|----------------------|----------------|-----------|-----------|--------------|------------|
|                 |            |                     |                      |                | Latitude  | Longitude | From         | To         |
| H60 (cntd)      | H6H017-A01 | RIGHT CANAL FROM    | TWIST NIET           | N/A            | 33 57'07" | 19 15'06" | 01/05/1979   | 19/08/2002 |
|                 | H6H018-A01 | CANAL OVERFLOW TO   | BOXTWIST NIET        | N/A            | 33 57'07" | 19 15'06" | 08/11/1981   | 19/08/2002 |
|                 | H6H019-A01 | CANAL FROM BAVIAANS | GENADENDAL           | N/A            | 34 01'44" | 19 33'27" | 30/10/1995   | 19/08/2002 |
|                 | H6R001-A01 | THEEWATERSKLOOF     | THEE WATERS KLOOF    | 497            | 34 03'29" | 19 16'36" | 18/06/1979   | 22/07/2002 |
|                 | H6R002-A01 | ELANKSKLOOF DAM     | TWIST NIET           | 50             | 33 57'07" | 19 15'06" | 14/05/1975   | 15/04/2002 |
| H70             | H7H001-A01 | BREE RIVER          | OUDE POINT           | 9829           | 34 04'13" | 20 23'27" | 01/12/1912   | 30/11/1940 |
|                 | H7H002-A01 | HUIS RIVER          | TRADOUWSHOEK         | 16             | 33 55'00" | 20 45'00" | 01/03/1938   | 30/09/1948 |
|                 | H7H003-A01 | BUFFELJAGS RIVER    | SUURBRAK             | 450            | 34 00'10" | 20 39'25" | 15/03/1949   | 01/10/1992 |
|                 | H7H004-A01 | HUIS RIVER          | BARRYDALE            | 28             | 33 54'42" | 20 42'43" | 02/05/1951   | 05/09/2002 |
|                 | H7H005-A01 | HERMITAGE RIVER     | SWELLENDAM FOR. RES. | 9              | 33 59'18" | 20 25'21" | 25/01/1960   | 26/08/2002 |
|                 | H7H006-A01 | BREE RIVER          | SWELLEN DAM          | 9842           | 34 03'57" | 20 24'15" | 15/03/1966   | 15/07/2002 |
|                 | H7H007-A01 | GROOTKLOOF RIVER    | SPARKENBOSCH         | 24             | 34 01'11" | 20 32'54" | 21/02/1968   | 05/09/2002 |
|                 | H7H008-A01 | LEFT CANAL FROM     | EENZAAMHEID          | N/A            | 34 01'07" | 20 32'02" | 01/09/1974   | 24/07/2002 |
|                 | H7H009-A01 | RIGHT CANAL FROM    | EENZAAMHEID          | N/A            | 34 01'07" | 20 32'02" | 01/09/1974   | 24/07/2002 |
|                 | H7H013-A01 | BUFFELJAGS RIVER    | EENZAAMHEID          | 602            | 34 01'07" | 20 32'02" | 01/07/1965   | 24/07/2002 |
|                 | H7H014-A01 | BREE RIVER          | WITSAND              | N/A            | 34 23'49" | 20 49'42" | 23/01/2002   | 04/09/2002 |
|                 | H7R001-A01 | BUFFELJAGS DAM      | EENZAAMHEID          | 601            | 34 01'07" | 20 32'02" | 10/01/1967   | 18/09/2002 |
| G30             | G3H001-A01 | KRUIS RIVER         | TWEEKUILEN           | 647            | 32 36'05" | 18 45'02" | 01/04/1970   | 21/08/2002 |
|                 | G3H005-A01 | HOL RIVER           | WITTEWATER           | 86             | 32 39'05" | 18 38'10" | 12/04/1973   | 01/12/1981 |
|                 | G3R001-A01 | VERLOREVLEI         | BONTEHEUVEL          | N/A            | 32 19'03" | 18 23'51" | 16/03/1994   | 23/08/2002 |
|                 | G3R002-A01 | WADRIFTSOUTPAN      | ELANDSBAAI           | N/A            | 32 12'27" | 18 20'07" | 22/04/1999   | 21/08/2002 |
| G40             | G4H002-A01 | KLEIN RIVER         | OUKRAAL              | 531            | 34 20'24" | 19 38'00" | 21/04/1950   | 28/02/1951 |
|                 | G4H003-A01 | PALMIET RIVER       | VAN ARIES KRAAL      | 144            | 34 11'36" | 18 59'12" | 01/04/1950   | 30/10/1954 |
|                 | G4H004-A01 | KLEIN RIVER         | DE KLEINE RIVIERSVAL | 689            | 34 26'27" | 19 28'13" | 01/05/1951   | 01/02/1960 |
|                 | G4H005-A01 | PALMIET RIVER       | VAN ARIES KRAAL      | 146            | 34 11'49" | 18 58'50" | 11/03/1957   | 19/08/2002 |
|                 | G4H006-A01 | KLEIN RIVER         | HAGEDISBERG OUTSPAN  | 600            | 34 24'21" | 19 36'02" | 28/03/1963   | 19/08/2002 |
|                 | G4H007-A01 | PALMIET RIVER       | FARM 562 WELGEMOED   | 465            | 34 19'47" | 18 59'25" | 30/03/1963   | 19/08/2002 |
|                 | G4H008-A01 | KLEIN-JAKKALS RIVER | LEBANON FOREST       | 1.5            | 34 09'13" | 19 08'11" | 11/04/1964   | 05/05/1992 |
|                 | G4H009-A01 | JAKKALS RIVER       | LEBANON FOREST RES.  | 2              | 34 09'58" | 19 08'00" | 11/04/1964   | 28/04/1992 |



### APPENDIX 11 (cntd)

|            |            |                     |                     |        |           |           |            |            |
|------------|------------|---------------------|---------------------|--------|-----------|-----------|------------|------------|
| G40 (cntd) | G4H010-A01 | JAKKALS RIVER       | LEBANON FOREST RES. | 6.7    | 34 10'28" | 19 07'37" | 11/04/1964 | 05/05/1992 |
|            | G4H011-A01 | PALMIET RIVER       | WESSELSGAT          | 63     | 34 07'24" | 19 02'00" | 24/03/1965 | 08/04/1975 |
|            | G4H012-A01 | KLEIN-JAKKALS RIVER | LEBANON FOREST RES. | 0.65   | 34 08'55" | 19 08'35" | 19/03/1965 | 05/05/1992 |
|            | G4H013-A01 | KLEIN-JAKKALS RIVER | LEBANON FOREST RES. | 2.1    | 34 09'44" | 19 08'08" | 12/03/1965 | 05/05/1992 |
|            | G4H014-A01 | BOT RIVER           | ROODE HEUVEL        | 252    | 34 12'25" | 19 14'06" | 13/04/1967 | 19/08/2002 |
|            | G4H023-A01 | ROCKVIEW-STEENBRAS  | ROCK VIEW           | N/A    | 34 10'53" | 18 57'03" | 20/01/2000 | 19/08/2002 |
|            | G4H029-A01 | PALMIET RIVER       | VAN ARIES KRAAL     | 180.41 | 34 13'06" | 18 58'33" | 20/05/1987 | 19/08/2002 |
|            | G4H030-A01 | PALMIET RIVER       | KRABBE FONTEIN      | N/A    | 34 16'05" | 19 01'48" | 21/07/1998 | 19/08/2002 |
|            | G4H033-A01 | ONRUS RIVER         | HEMEL EN AARDE      | 22     | 34 21'32" | 19 15'16" | 28/04/1977 | 19/08/2002 |
|            | G4R001-A01 | STEENBRAS DAM       | KOGEL BAAI          | 66.8   | 34 11'13" | 18 51'10" | 01/01/1989 | 30/09/2002 |
|            | G4R002-A01 | EIKENHOF DAM        | WESSELSGAT          | 63     | 34 07'39" | 19 02'10" | 16/05/1978 | 19/08/2002 |
|            | G4R003-A01 | BOT RIVER WETLAND   | HERMANUS RIVER      | N/A    | 34 19'26" | 19 07'22" | 01/10/1979 | 19/08/2002 |
|            | G4R004-A01 | KLEIN RIVER WETLAND | ROCKLANDS           | N/A    | 34 24'34" | 19 20'56" | 08/08/1979 | 19/08/2002 |
|            | G4R006-A01 | KOGELBERG DAM       | VAN ARIES KRAAL     | 179.46 | 34 12'56" | 18 58'19" | 20/05/1987 | 02/09/2002 |
|            | G4R007-A01 | STEENBRAS DAM       | STEENBRAS RIVER     | 26.65  | 34 10'06" | 18 54'00" | 01/07/1993 | 30/09/2002 |
|            | G4R009-A01 | PALMIET RIVER       | KLEINMOND           | N/A    | 34 20'09" | 18 51'29" | 21/01/1992 | 19/08/2002 |
|            | G4R010-A01 | ONRUS RIVER         | HEMEL EN AARDE      | 31     | 34 22'07" | 19 14'06" | 06/10/1977 | 26/04/1987 |
|            | G4R011-A01 | ONRUS RIVER         | ONRUS RIVER         | 56     | 34 24'59" | 19 10'44" | 30/11/1994 | 19/08/2002 |
|            | G4R012-A01 | KLEINMOND-MOND      | KLEINMOND-MOND      | N/A    | 34 20'24" | 19 02'22" | 20/10/1999 | 07/08/2002 |
| G50        | G5H003-A01 | KARS RIVER          | RHENOSTER FONTEIN   | 559    | 34 29'39" | 20 07'21" | 22/04/1950 | 31/05/1954 |
|            | G5H004-A01 | KARS RIVER          | MELK BOSCH          | 377    | 34 27'15" | 20 00'23" | 21/02/1953 | 31/12/1958 |
|            | G5H005-A01 | KARS RIVER          | NAGT WAGT           | 658    | 34 34'18" | 20 06'58" | 24/02/1953 | 30/09/1963 |
|            | G5H006-A01 | LITTLE SANDDRIF     | ZOETMUISBERG        | 3.2    | 34 31'02" | 19 58'37" | 08/05/1956 | 08/11/1994 |
|            | G5H007-A01 | KARS RIVER          | MELK BOSCH          | 658    | 34 34'18" | 20 06'58" | 29/07/1953 | 04/09/1958 |
|            | G5H008-A01 | SOUT RIVER          | KYKOEDY             | 382    | 34 17'31" | 20 01'25" | 02/03/1964 | 27/08/2002 |
|            | G5R001-A01 | DE HOOP WETLAND     | FARM 74             | 1274.6 | 34 27'22" | 20 23'15" | 20/06/1963 | 14/08/2002 |