**ANNEXURE 8**

**WCRSS RESPONSIBILITIES PER INSTITUTION: Water User Associations**

***BERG WATER USER ASSOCIATIONS (Willie Enright)***

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| **Action** | **Response by Berg WMA** **Irrigation Boards and** **Water User Associations** |
| A summary of monthly water use (incl. industries) should be communicated to the Strategy Committee (Link to Water Availability and System Operation Theme). Data to be supplied monthly by water users to ATSG | Water releases for use along the whole of the Upper Berg River is read monthly by the Department of Water Affairs. The Berg River Main Irrigation Board takes responsibility for the management thereof and to ensure the irrigation boards with large pump stations and individual users get their fair share of water. Meters for irrigation boards with pump stations are read and reconciliation made for individual river users.Overflow at Sonquasdrift is metered and added to the releases for the Lower Berg River Irrigation Board. Lower Berg IB monitor river releases and flow on several points along river to minimise releases. Winelands and Banhoek WUA obtain water through closed pipe distribution network. Main inlet and all users are metered. Losses minimal. |
| Need to have improved river release monitoring, specifically on the Berg and Riviersonderend area (Link to Water Availability and System Operation Theme) | Monitoring of river releases are taking place. Points at different places along the river are monitored and releases adjusted to demand. Overflow at Sonquasdrift is monitored to be limited to agreed releases (0,5 m3/s) as part of the allocation of Lower Berg River Irrigation Board. Lower Berg IB monitor river releases and flow on several points along river to minimise releases. |
| Undertake a study to understand potential water use efficiency savings by agriculture in the Berg and Riviersonderend WMAs, including: operational releases, control of abstraction, the use of tariffs, WMPs, metering, on farm water use efficiency, etc. – to be done by Dept. Agriculture | Operational releases and control of abstraction are done as best as possible. Water use efficiency is high due to irrigation of high value crops, efficient on farm application methods. The irrigation boards constantly advocate high water efficiency. Larger abstractions are all metered. Activities for further improvement will be supported. |
| Select and implement appropriate measures that emerged from the above study in accordance with the selection process  | Appropriate measures that emerged from the above study will be supported |
| Implement selected re-use interventions  | Water is used consumptively. Return flows is re-used by downstream users. |
| Assist DWA with action against non-compliant authorities/users | Berg River Main Irrigation Board do have a pollution action committee that enforce adherence to water quality objectives through cooperation. Own monitoring is done in addition to DWA monitoring.  |
| Assist DWA with supporting authorities where necessary | Berg River Main Irrigation Board does have a pollution action committee that enforce adherence to water quality objectives through cooperation. Own monitoring is done in addition to DWA monitoring.  |
| Implement measures and strategies  | Measures and strategies to save water on river releases is in place and regularly upgraded |
| Compile and regularly update a catalogue referencing all documents pertaining to the WCWSS | All documents pertaining to WC strategy are kept together. Documents preferred by email to be re-distributed to all relevant organisations. |
| Compile and regularly update a list of professionals and organisations who have had involvement in the operation and planning of the WCWSS | Contacts for professionals with involvement in the operation and planning of the WCWSS available with DWA. |

***BREEDE-OVERBERG WATER USER ASSOCIATIONS: (Louis Bruwer)***

To discuss at meeting