

ANNEXURE 1

Ipswich City Council Deliverables 2019-2022 Core Funding

Summary of inclusions and exclusions in Core Program 2019-2022

Program Deliverables	2019-2022
Water by Design	
Base program - Water by Design Steering Committee Meetings (4/year)	✓
Base program – Water by Design website	✓
Base program – Update of one Guideline per/year	✓
Non-Core (NC)	
Subscription program ¹ – Workshop delivery	NC
Subscription program ¹ – Seminars in partnership with CRC Water Sensitive Cities	NC
Subscription program ¹ – Living Waterways Project	NC
Subscription program ¹ – Development of additional guidelines (Water Wise Street Trees, Urban Stream Objectives)	NC
Subscription program ¹ – Alignment of WBD tools to SEQ NRM Plan and Shaping SEQ	NC
Subscription program ¹ – ARC Linkage Total Water Cycle Management Project	NC
Ecosystem Health Monitoring Program	
Science, education, workshops and capacity building	✓
Understanding barriers to implementing BMP / Resilient Rivers	✓
Economic evaluation of catchment (economic indicators)	NC
Social and community monitoring (social indicators)	✓
Annual delivery of the Report Card	✓
Freshwater Monitoring	✓
Estuarine and Marine Monitoring	✓
Event Monitoring and Validation of Pollutant Load models	✓
Monitoring of Key Habitats including Riparian, Seagrass, Muds, Reefs, Coastal Vegetation	✓
Monitoring of estuarine fish communities	✓
Toxicant monitoring	NC
Model development	✓
Annual trend analysis of data	✓
Data management and provision to members using multiple platforms	✓
Expert Panels/Science Advice and MESC	✓
Healthy Waterplay	
Base Program - Steering Committee meetings	✓
Base Program - Scientific Expert Panel meetings	✓
Base Program - Maintenance of program webpage on HLW website	✓
Subscription Program ¹ - Review and maintenance of Sanitary Inspection Tool	NC
Subscription Program ¹ - Sanitary Inspection Tool Training	NC
Subscription Program ¹ - Launch and maintain HWP real time Predictive Dashboard	NC
Subscription Program ¹ - Review and Update educational fact sheets	NC



¹ Water By Design and Healthy Waterplay will be removed from the core program and re-established as subscription projects following the advice of the Senior Executive Advisory Committee (SEAC). Organisations that have indicated their interest in these projects will be approached separately.

Deliverables of the Ecosystem Health Monitoring Program

- Monitoring of monthly water quality (physical, nutrients and phytoplankton parameters) in the Bremer Estuary (6 sites).
- Monitoring of freshwater biological health (fish communities, macroinvertebrate communities, physico-chemical, key aquatic processes) at 9 sites in the Bremer catchment area.
- HLW will maintain integrated catchment and receiving water quality models for the entire Bremer catchment as well as a fully integrated Moreton Bay model for use by Council, and its service providers. This provides Council with the tools to enable forecasts of water quality under different catchment management scenarios.
- Monitoring of the estuarine fish communities in estuaries and how they are affected by land use changes and habitat availability.
- Development and maintenance of a web portal and other online tools for easy access to all datasets including the annual modelled outputs from the freshwater catchments and estuaries of all catchments.
- Access to annual trend analysis of catchment and bay health that incorporates all monitoring data relevant to Ipswich City Council.
- Access to social data collected from residents in all catchment areas (for a total of approximately 128 responses annually within the Bremer catchment). Information includes the frequency and type of waterway-based recreation, the barriers that prevent waterways recreation, respondent's perception of the condition of their waterways, their satisfaction with the condition, useability and accessibility of their waterways, their thoughts on the key issues facing waterways and their willingness to improve condition of waterways.
- Identification of the highest risk water way reaches, and land uses in all catchment areas for sediment erosion (channel, hillslope and gully).
- Access to three Scientific Expert Panels (environmental modelling, social science, environmental monitoring) meeting up to 4 times per year made up of leading local and national scientists available to advise council's projects.
- Four meetings of the Monitoring and Evaluation Steering Committee (MESC) per year to provide input into the direction of EHMP and to access project information from other member organisations
- Annual Report Card release which include detailed briefings to Council officers, Council executives, elected representatives and local community groups.
- Support for media releases focussing on Council projects but leveraging off the Report Card release.

Deliverables of the Water by Design Program

- Base program - Water by Design Steering Committee Meetings (4/year) – At least 2 representatives from your organisation to provide input and advice on the Water by Design Regional strategy. Development and sharing of minutes, outcomes and follow up on actions
- Base Program - Maintenance of the central resource hub for urban water management in SEQ via the Water by Design website - including hosting Guidelines and Resources, promoting member News and Events (capacity building), updating and maintaining ESC section (including access and support for the iAuditor App) and promotion of member projects through a case study page
- Base Program - Scoping and expert/peer review of Guidelines (1/year) – Update at least one Guideline annually as advised by the Water by Design SC
- Subscription Program² - Deliver 4 x workshops annually across SEQ to build capacity, provide expertise and support to members to inform a delivery model for the implementation of a Co-Design and Placemaking into the Living Waterways framework.



- Subscription Program² – In partnership with the CRCWSC deliver 12 seminars and training annually that build capacity of practitioners and industry professionals to lead best practice in delivering urban water management outcomes. Report outcomes against the CRCWSC Capacity Building framework for SEQ to inform action towards urban development outcomes that support water sensitive cities
- Subscription Program² – Work with Councils, Utilities and local community for a minimum of 2 days each to implement a pilot Living Waterways project within each LGA. Two full days of planning and design support to develop project scope and budget, identify priority sites and score against the framework.
- Subscription Program² – Leverage from the Healthy Land and Water Social Science Expert Panel Meetings (2/year) to inform, scope and support the development of stewardship indicators to monitor and communicate the social benefits of a Living Waterways (co-design) approach. Partner with research institutes to support a PhD project. Develop a paper outlining the findings and integrate this new research into the Living Waterways framework.
- Subscription Program² – Together with the Steering Committee develop policy and planning Guidelines such as development of Water Wise Street Tree and Urban Stream Objectives Guidelines. Develop one Guideline annually.
- Subscription Program² – Align and consolidate existing tools such as the urban stewardship framework, ESC management review tool, and WSUD assessment tool so that these integrate with key resources and monitoring programs for our State and region such as the SEQ NRM plan and Shaping SEQ – By 2022 monitor and report against this integrated framework
- Subscription Program² – Advancing the Science of sustainable urban water management and promote Total Water Cycle Management (TWCM) - In partnership with our members develop an ARC Linkage scope for implementation of a new major monitoring program to inform the modelling of WSUD infrastructure that is regionally appropriate and informs regional TWCM planning/strategy. This major program will monitor the effectiveness of WSUD assets informing and promoting the uptake of design innovation.

Deliverables of the Healthy Waterplay Program

- Base program – Healthy Waterplay Steering Committee Meetings (4/year) – At least 2 representatives from your organisation to provide input and advice on the Healthy Waterplay Regional strategy. Development and sharing of minutes, outcomes and follow up on actions
- Base program – Human Health Science Expert Panel meeting (2/year)
- Base program – Scoping and expert review of priority projects for the HWP program
- Base program – Co-ordinate social media campaigns (1/year) for key event (floods and/or pre-swim season)
- Subscription program² - Review and update the Health Waterplay Sanitary Inspection Tool and Training Manual (2020)
- Subscription program² - 1 x One-day Workshop Sanitary Inspection Training (field and desktop based, approx. 20 participants)
- Subscription program² – Launch and maintain the Healthy Waterplay Predictive Dashboard (real-time health risk prediction tool for manager)
- Subscription program² – Re-launch and maintain the Healthy Waterplay Regional Website (rec site-specific information for the public)
- Subscription program² – Review and update educational fact sheets (x2)

² The subscription program for both Water by Design and Healthy Waterplay is only available to members who have expressed an interest outside of core funding

