

Chapter 1

ICM in Queensland: Response from Committee Members of Johnstone and Herbert River Catchments, 1995

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Background

Eleven committee members from the Herbert River Catchment responded and six from the Johnstone River responded. These included the two Chairs, whose ratings have already been recorded in the report on Chairs and Coordinators. The Chairs responses are also included in this report.

Table 1 summarises how long each member has lived in the area, when they joined the Committee, whether they live upstream or downstream of Abergowrie (for Herbert River members) or in which shire the Johnstone River Committee members live.

| Catchment | Position | Lived in area (in years) | Joined the committee | Upstream or Downstream of Abergowrie | Shire in Johnstone catchment |
|-----------|----------|--------------------------|----------------------|--------------------------------------|-----------------------------------|
| Herbert | Chair | 65 | From outset | Downstream | |
| Herbert | Member | 36 | 1995 | Downstream | |
| Herbert | Member | 48 | 1991 | Downstream | |
| Herbert | Member | 40 | 1992 | Downstream | |
| Herbert | Member | 18 | 1993 | Downstream | |
| Herbert | Member | 20 | 1993 | Downstream | |
| Herbert | Member | 58 | 1994 | Downstream | |
| Herbert | Member | 14 | 1993 | Downstream | |
| Herbert | Member | 7 | 1994 | Upstream | |
| Herbert | Member | 46 | 1993 | Downstream | |
| Herbert | Member | 59 | 1993 | Downstream | |
| Johnstone | Member | 33 | 1994 | | Eacham Shire |
| Johnstone | Member | 25 | 1991 | | Johnstone |
| Johnstone | Member | | Since start | | Eacham |
| Johnstone | Chair | 34 | 1991 | | Johnstone |
| Johnstone | Member | 40 | 1992 | | Johnstone |
| Johnstone | Member | 45 | 1991 | | Both Johnstone and Eacham equally |

The following table summarises response to question 4 on how satisfied members are with progress in the CCC. The ratings used are: 0=no response, 1=very unsatisfied, 2=unsatisfied, 3=neither satisfied nor unsatisfied, 4=satisfied, 5=very satisfied.

| Rating: | 1 | 2 | 3 | 4 | 5 |
|-----------|---|---|---|---|---|
| Herbert | 1 | 1 | 3 | 5 | 1 |
| Johnstone | | | 1 | 3 | 2 |

Below are comments by members on major achievements in their catchment:

Johnstone

1. Getting people together to talk rationally. Getting a lot of data. Management plan.
2. Finalisation of a strategy for our ICM and now the beginning of the implementation.
3. Raising public awareness. Bringing together diverse groups. Developing "best practices" for industries. Attracting Govt. funding for permanent staff.
4. Has developed a catchment strategy and implementation procedures which have heavily influenced ICM in other parts of the state.

- Developing a role for the CCC and its members, provide an independent and informed and coordinated view, recognised as a useful body by some key agencies and funding bodies, it has not only "continued" but is developing a leadership role in NRM and its implementation.

Herbert

- Cross Section of communities viewpoints of necessary works. Trying to coordinate natural resources activity in the Herbert Catchment.
- The level of awareness of ICM to Canegrowers has been slow. Formation of the group went well. The formation of a strategic plan has been slow. The ICM group did become involved with issues as they arose, but had no policy at that stage. This is being addressed now.
- Too early to tell.
- People from significant backgrounds starting to talk and share ideas. This has proven to be a slow process.
- Works on the mining sites in the upper catchment.
- The only achievement I see is the controlling of the mining operations in the Herberton area. This has caused major siltation in the Herbert River. This siltation has caused very dirty water for the residents of the Hinchinbrook Shire. I feel there are too many meetings. Too much talking - more positive decision making required.
- Formulation of a management strategy. Formulation of Upper Catchment subcommittee.
- Coordination of the mapping of Tolle catchment and drawing up of catchment management plan.
- Bringing together different group problems and trying to solve them.

Local Issues

Below are summary tables of questions 6-8. The ratings are 0=no response, 1=very low, 2=low, 3=moderate, 4=high, 5=very high, 6=NA/don't know.

Question 6. In your opinion, what is the significance of the following issues in your catchment?

| HERBERT | 0 | 1 | 2 | 2.5 | 3 | 4 | 4.5 | 5 | 6 |
|---|---|---|---|-----|---|---|-----|---|---|
| Social issues | | | | | | | | | |
| Schools | | | 3 | | 2 | 4 | | 2 | |
| Crime | | | 1 | | 2 | 5 | | 2 | 1 |
| Unemployment | | | | | 2 | 7 | | 1 | 1 |
| Health care | | | 1 | | 4 | 4 | | 1 | 1 |
| Economic issues | | | | | | | | | |
| Land valuation | | | | | 1 | 5 | | 5 | |
| High government spending | 1 | 2 | 1 | | 2 | 2 | | 1 | 2 |
| High taxes | | | 1 | | 3 | 3 | | 4 | |
| Institutional issues | | | | | | | | | |
| Too much govt. regulation | | | | | 2 | 2 | | 7 | |
| Natural resource management issues | | | | | | | | | |
| Agric. land degrad. problems | | | 1 | | 5 | 1 | 1 | 3 | |
| Water quality problems | | | 3 | | 3 | 1 | | 4 | |
| Water quantity problems | | | 1 | | 4 | 2 | | 4 | |
| Nature conservation | | | 1 | | 3 | 4 | | 3 | |

| JOHNSTONE | 0 | 1 | 2 | 2.5 | 3 | 3.5 | 4 | 5 | 6 |
|---|----------|----------|----------|------------|----------|------------|----------|----------|----------|
| Social issues | | | | | | | | | |
| School | | | | | 4 | | 2 | | |
| Crime | 1 | | 1 | | 2 | | 1 | | 1 |
| Unemployment | | | 2 | 1 | 1 | | 1 | 1 | |
| Health care | 1 | 1 | 3 | | | | | | 1 |
| Economic issues | | | | | | | | | |
| Land valuation | | | 1 | | 2 | | 2 | 1 | |
| High government spending | | | 2 | 1 | 1 | | 1 | | 1 |
| High taxes | | | 1 | | | | 2 | 2 | 1 |
| Institutional issues | | | | | | | | | |
| Too much govt. regulation | | | 1 | 1 | | | 3 | 1 | |
| Natural resource management issues | | | | | | | | | |
| Agric. land degrad. problems | | 1 | 1 | | 2 | | 1 | 1 | |
| Water quality problems | | 1 | 3 | | 1 | | | 1 | |
| Water quantity problems | | 1 | 1 | 1 | | | 1 | 2 | |
| Nature conservation | | 1 | 1 | | 2 | 1 | 1 | | |

Question 7: In your opinion, how serious are the following natural resource management issues in your catchment?

| HERBERT | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|
| Affects you personally | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Agricultural and Degradation Problems | | | | | | | |
| Crop land degradation | 1 | 3 | 2 | 2 | 1 | 2 | |
| Grazing land degradation | 1 | 4 | 1 | 3 | | 1 | 1 |
| Soil salinity | 1 | 2 | 1 | 2 | | 1 | 4 |
| Weeds | 1 | | 1 | | 7 | 2 | |
| Insects and disease on crops | 1 | 1 | 1 | 2 | 5 | 1 | |
| Urban expansion onto farm lands | 1 | 1 | 3 | 2 | 2 | 1 | 1 |
| Allocation of caneland | 1 | | | 2 | 3 | 4 | 1 |
| Land clearing | 1 | 1 | 2 | 1 | 2 | 3 | 1 |
| Water quality problems | | | | | | | |
| Surface water salinity | 1 | 2 | 4 | | 1 | 1 | 2 |
| Wastewater management | 1 | 1 | 2 | 2 | 1 | 2 | 2 |
| Surface water nutrient enrichment | 1 | 2 | 1 | 1 | 2 | 1 | |
| Pesticides in waterways | 1 | 1 | 2 | 2 | 1 | 2 | 2 |
| Groundwater quality | 1 | 1 | 2 | 3 | 2 | 2 | |
| Acid soils | 1 | 3 | 2 | | 2 | 2 | 1 |
| Stream bed and bank erosion | 1 | 1 | 2 | 3 | 1 | 3 | |
| Water quantity problems | | | | | | | |
| Surface water availability | 1 | 4 | | 1 | 1 | 4 | |
| Groundwater availability | 1 | | 2 | 3 | 3 | 2 | |
| Rural flooding and water “for the environment” | 1 | 1 | 1 | 1 | 3 | 4 | |
| Rural drainage | 1 | | 2 | 1 | | 7 | |
| Urban flooding | 1 | 2 | 1 | 1 | 2 | 3 | 1 |
| Nature conservation | | | | | | | |
| State forests and NPs | 1 | 1 | 2 | 3 | 1 | 3 | |
| Instream and outstream water use conflicts | 1 | 2 | | 3 | 1 | 2 | 2 |
| Dryland veg. habitat loss | 1 | 1 | 2 | 3 | 2 | 1 | 1 |
| Freshwater hab. loss.... | 1 | 1 | 1 | 4 | 1 | 3 | |
| Coastal wetland hab. loss | 1 | 1 | 1 | 2 | 2 | 3 | 1 |

| HERBERT | | | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|
| Affects you personally | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Barriers to fish migration | 1 | 1 | 2 | 2 | 2 | 3 | |
| Other/s | | | | | | | |
| Lack of water storage infrastructure | | | | | | 1 | |

| HERBERT | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|
| Affects the catchment | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Agricultural and degradation problems | | | | | | | |
| Crop land degradation | | 2 | 3 | 3 | 2 | 1 | |
| Grazing land degradation | | 1 | 1 | 4 | 3 | | 2 |
| Soil salinity | | 3 | 2 | 1 | 2 | | 3 |
| Weeds | | | | 4 | 7 | | |
| Insects and disease on crops | | | 3 | 2 | 4 | 2 | |
| Urban expansion onto farm lands | | 4 | | 2 | 3 | 1 | 1 |
| Allocation of caneland | | | 2 | | 5 | 4 | |
| Land clearing | | | 1 | 3 | 3 | 3 | 1 |
| Water quality problems | | | | | | | |
| Surface water salinity | | 2 | 3 | | 3 | 1 | 2 |
| Wastewater management | | 4 | 1 | 2 | 3 | 1 | |
| Surface water nutrient enrichment | | 2 | 3 | 1 | 3 | | 2 |
| Pesticides in waterways | | 3 | | 5 | 1 | | 2 |
| Groundwater quality | | 1 | 1 | 4 | 3 | 1 | 1 |
| Acid soils | | 2 | 3 | 4 | 1 | | 1 |
| Stream bed and bank erosion | | | 1 | 1 | 7 | 2 | |
| Water quantity problems | | | | | | | |
| Surface water availability | | 2 | 1 | 3 | 2 | 2 | 1 |
| Groundwater availability | | 2 | | 2 | 5 | 1 | 1 |
| Rural flooding and water.... | | 1 | 1 | 2 | 6 | 1 | |
| Rural drainage | | | | 1 | 7 | 3 | |
| Urban flooding | | 1 | | | 8 | 2 | |
| Nature conservation | | | | | | | |
| State forests and NPs | | 2 | | 6 | 1 | 1 | 1 |
| Instream and outstream water use conflicts | | 2 | 1 | 4 | | 2 | 2 |
| Dryland veg. habitat loss | | 2 | 3 | 3 | 3 | | |
| Freshwater hab. loss.... | | 2 | 2 | 2 | 3 | 1 | 1 |
| Coastal wetland hab. loss | | 2 | 2 | 1 | 4 | 1 | 1 |
| Barriers to fish migration | | 2 | | 3 | 4 | | 2 |
| Other/s | | | | | | | |
| Lack of water storage infrastructure | | | | 1 | | | |

| JOHNSTONE | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|
| Affects you personally | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Agricultural and degradation problems | | | | | | | |
| Crop land degradation | | 1 | 2 | | 1 | 2 | |
| Grazing land degradation | | | 2 | | 3 | | 1 |
| Soil salinity | | 3 | | | | | 3 |
| Weeds | | | 2 | 2 | | 2 | |
| Insects and disease on crops | | | 1 | 1 | 1 | 2 | 1 |
| Urban expansion onto farm lands | | | 3 | | 2 | 1 | |
| Allocation of caneland | | 3 | | | 1 | | 2 |
| Land clearing | | 3 | 1 | | | 1 | 1 |
| Water quality problems | | | | | | | |
| Surface water salinity | | 2 | | | | | 4 |
| Wastewater management | | 1 | 1 | 2 | | 1 | 1 |

| JOHNSTONE | | | | | | | |
|---|---|---|---|---|---|---|---|
| Affects you personally | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Surface water nutrient enrichment | | 3 | 1 | | | | 2 |
| Pesticides in waterways | | 2 | 1 | | | 1 | 2 |
| Groundwater quality | | | 1 | 1 | 1 | 1 | 2 |
| Acid soils | | 2 | 1 | 1 | | | 2 |
| Stream bed and bank erosion | | 1 | 2 | 1 | 2 | | |
| Water quantity problems | | | | | | | |
| Surface water availability | | 2 | 1 | | | 3 | |
| Groundwater availability | | 2 | 2 | | | 2 | |
| Rural flooding and water “for the environment” | | | 1 | 2 | 1 | 1 | 1 |
| Rural drainage | | 3 | | 1 | 1 | | 1 |
| Urban flooding | | 3 | 1 | | | | 2 |
| Nature conservation | | | | | | | |
| State forests and NPs | | 1 | | 1 | 2 | 1 | 1 |
| Instream and outstream water use conflicts | | 2 | | | 3 | | 1 |
| Dryland veg. habitat loss | | 1 | | 1 | 1 | | 3 |
| Freshwater hab. loss.... | | | | 2 | 2 | 1 | 1 |
| Coastal wetland hab. loss | | | | 1 | | 4 | 1 |
| Barriers to fish migration | | 1 | | | 2 | 1 | 2 |
| Other/s | | | | | | | |
| Landowners rights removed by minority pressure groups | | | | | | 1 | |

| JOHNSTONE | | | | | | | | | |
|--|---|---|-----|---|-----|---|---|---|---|
| Affects the catchment | 0 | 1 | 1.5 | 2 | 2.5 | 3 | 4 | 5 | 6 |
| Agricultural and degradation problems | | | | | | | | | |
| Crop land degradation | | 1 | | 1 | | 2 | 1 | | 1 |
| Grazing land degradation | | 2 | | 1 | | 1 | 1 | | 1 |
| Soil salinity | | 3 | | | | | | | 3 |
| Weeds | | | | 1 | | 2 | 1 | 1 | 1 |
| Insects and disease on crops | | | | 1 | | 2 | 1 | 1 | 1 |
| Urban expansion onto farm lands | | | | 2 | | 2 | 1 | 1 | |
| Allocation of caneland | | 1 | | 3 | | 1 | | | 1 |
| Land clearing | | 1 | | 3 | | 1 | | | 1 |
| Water quality problems | | | | | | | | | |
| Surface water salinity | | 3 | | | | | | | 3 |
| Wastewater management | | | | 2 | | 2 | 1 | 1 | |
| Surface water nutrient enrichment | | 3 | | 2 | | | | | 1 |
| Pesticides in waterways | | 1 | | 3 | | | | 1 | |
| Groundwater quality | | 1 | | 2 | | 1 | | | 2 |
| Acid soils | | 2 | 1 | | | 2 | | | 1 |
| Stream bed and bank erosion | | | | | | 4 | 1 | | 1 |
| Water quantity problems | | | | | | | | | |
| Surface water availability | | 1 | | | | 3 | | 1 | 1 |
| Groundwater availability | | 1 | | 2 | 1 | 1 | | | 1 |
| Rural flooding and water.... | | 1 | | 1 | | 2 | 1 | | 1 |
| Rural drainage | | | | 1 | | 4 | | | 1 |
| Urban flooding | | 1 | | 1 | 1 | 2 | 1 | | |
| Nature conservation | | | | | | | | | |
| State forests and NPs | | 1 | | | 1 | 2 | 2 | | |
| Instream and outstream water use conflicts | | | | 1 | | 2 | 1 | | 2 |
| Dryland veg. habitat loss | | 2 | | | | | 1 | | 3 |
| Freshwater hab. loss.... | | 1 | | | | 1 | 3 | | 1 |
| Coastal wetland hab. loss | | 2 | | | | 1 | 2 | 1 | |

| | | | |
|---|---|---|---|
| Barriers to fish migration | 2 | 2 | 2 |
| Other/s | | | |
| Landowners rights removed by minority pressure groups | | | 1 |

Question 8: What are the impacts of these natural resource issues on you personally and on people in the catchment?

| HERBERT | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|
| Personally | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Aesthetic and Recreational Impacts | | | | | | | |
| Access to recreation | 1 | 2 | 2 | 1 | 2 | 2 | 1 |
| Environmental amenities | 1 | 1 | | 2 | 3 | 4 | |
| Loss of scenic values | 1 | 3 | 2 | | 3 | 2 | |
| Life Support Impacts | | | | | | | |
| Drinking water quality | | | 2 | 4 | 2 | 2 | 1 |
| Human health | 1 | 1 | 3 | 2 | 2 | 2 | |
| Fishery decline | 1 | 1 | 1 | 2 | 4 | 2 | |
| Functional Resource Impacts | | | | | | | |
| High cost of water | | 3 | 1 | 3 | | 3 | 1 |
| Loss of farm productivity | 1 | 1 | 1 | 2 | 2 | 4 | |
| Higher production costs | | 1 | 3 | | 3 | 4 | |
| Shortage of irrigation water | 1 | 2 | 2 | 2 | 1 | 3 | |
| Higher taxes | 1 | 1 | 1 | 3 | 2 | 2 | 1 |
| Psychological Impacts | | | | | | | |
| Loss of independence to make (farm) decisions | 1 | 1 | | 1 | 4 | 2 | 2 |
| Emotional stress on individuals | 1 | | 1 | 5 | 2 | 2 | |
| Conflicts with other resource users | 1 | | 1 | 6 | 2 | 1 | |
| Loss of confidence in govt's. ability to manage natural resources | 1 | 2 | | | 5 | 3 | |

| HERBERT | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|
| Catchment | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Aesthetic and Recreational Impacts | | | | | | | |
| Access to recreation | | 1 | 2 | 1 | 3 | 3 | 1 |
| Environmental amenities | | 1 | 1 | 2 | 4 | 3 | |
| Loss of scenic values | | 1 | 6 | 2 | 1 | 1 | |
| Life Support Impacts | | | | | | | |
| Drinking water quality | | | | 3 | 4 | 4 | |
| Human health | | 1 | 2 | 3 | 2 | 2 | 1 |
| Fishery decline | | 1 | 1 | 3 | 5 | 1 | |
| Functional Resource Impacts | | | | | | | |
| High cost of water | | 1 | 1 | 4 | 2 | 2 | 1 |
| Loss of farm productivity | | 1 | 1 | 3 | 4 | 2 | |
| Higher production costs | | | 1 | 2 | 5 | 3 | |
| Shortage of irrigation water | | 2 | 3 | | 5 | 1 | |
| Higher taxes | | | 1 | 3 | 5 | 2 | |
| Psychological Impacts | | | | | | | |
| Loss of independence to make (farm) decisions | | 1 | 3 | 3 | 3 | 1 | |
| Emotional stress on individuals | | | 1 | 4 | 2 | 3 | 1 |
| Conflicts with other resource users | | | 2 | 6 | 2 | 1 | |
| Loss of confidence in govt's ability to manage natural resources | | | 2 | 1 | 3 | 5 | |

| JOHNSTONE | | | | | | | | |
|--|---|---|---|---|-----|---|---|---|
| Personally | 0 | 1 | 2 | 3 | 3.5 | 4 | 5 | 6 |
| Aesthetic and Recreational Impacts | | | | | | | | |
| Access to recreation | | 1 | 2 | 1 | | 1 | 1 | |
| Environmental amenities | 1 | 2 | 1 | 1 | | | 1 | |
| Loss of scenic values | 1 | 1 | | 1 | | 1 | | 2 |
| Life Support Impacts | | | | | | | | |
| Drinking water quality | | 1 | 2 | | | | | 3 |
| Human health | 1 | 3 | | | | | | 2 |
| Fishery decline | | 2 | 3 | | | | 1 | |
| Functional Resource Impacts | | | | | | | | |
| High cost of water | | 1 | | | | 1 | | 4 |
| Loss of farm productivity | | 1 | 1 | | | 1 | 2 | 1 |
| Higher production costs | 1 | | | | | 1 | 3 | 1 |
| Shortage of irrigation water | | 1 | | | | 1 | 2 | 2 |
| Higher taxes | 1 | 1 | | 1 | | | 2 | 1 |
| Psychological Impacts | | | | | | | | |
| Loss of independence to make (farm) decisions | | | | | | | 4 | 2 |
| Emotional stress | 1 | | | | | 2 | 1 | 2 |
| Conflicts with other resource users | | 3 | | 2 | | | | 1 |
| Loss of confidence in govt's ability to manage natural resources | 1 | | 1 | | 1 | | 2 | 1 |

| JOHNSTONE | | | | | | | | |
|--|---|---|-----|---|---|---|---|---|
| Catchment | 0 | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 |
| Aesthetic and Recreational Impacts | | | | | | | | |
| Access to recreation | | 1 | | 2 | | 2 | 1 | |
| Environmental amenities | 1 | | 1 | 2 | | 2 | | |
| Loss of scenic values | 1 | | | 1 | 1 | 1 | | 2 |
| Functional Resource Impacts | | | | | | | | |
| High cost of water | | 1 | | | 2 | | | 3 |
| Loss of farm productivity | | | | | 2 | | 2 | 2 |
| Higher production costs | 1 | | | 1 | 1 | | 2 | 1 |
| Shortage of irrigation water | | 1 | | | 2 | 1 | | 2 |
| Higher taxes | 1 | 1 | | | 1 | | 2 | 1 |
| Life support Impacts | | | | | | | | |
| Drinking water quality | | 1 | | | 1 | 1 | 1 | 2 |
| Human health | 1 | 2 | | 1 | | | | 2 |
| Fishery decline | | | | 3 | 1 | | 1 | 1 |
| Psychological Impacts | | | | | | | | |
| Loss of independence to make (farm) decisions | | 2 | | 1 | 1 | 1 | 1 | |
| Emotional stress on individuals | 1 | | | 1 | | 1 | | 3 |
| Conflicts with other resource users | | | 1 | 1 | 3 | | | 1 |
| Loss of confidence in govt's ability to manage natural resources | 1 | | | | 2 | 1 | 2 | |

Question 9: What is the level of public awareness about these natural resource issues and associated impacts?

| Catchment | No response | Very low | Low | Low to Mod. | Moderate | Mod. to High | High | Very High |
|---------------|-------------|----------|-----|-------------|----------|--------------|------|-----------|
| Herbert River | | | 5 | 1 | 4 | | | 1 |
| Johnstone | 1 | 1 | | | 3 | 1 | | |

Question 10. What do you consider to be the strength of public support to solve these natural resource issues in your catchment?

| Catchment | No response | Very low | Low | Moderate | High | Very High |
|---------------|-------------|----------|-----|----------|------|-----------|
| Herbert River | | | 6 | 4 | | |
| Johnstone | 1 | | 1 | 3 | 1 | |

Question 11: The implementation of ICM in your catchment is difficult because:

| HERBERT | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|
| 11a Resource management problems are not well understood | | | 1 | | 8 | 2 | |
| 11b Technical solutions are not feasible | | | 7 | | 1 | 1 | 2 |
| 11c The impacts of mismanagement are long term and incremental | | | 1 | 1 | 7 | 2 | |
| 11d There is no single acute resource management issue within the catchment | | | 5 | | 5 | 1 | |
| 11e The high level of behavioural change required | | | 1 | | 6 | 4 | |
| 11f The long time frame between implementing a solution and seeing the benefits | | | 2 | | 5 | 4 | |
| 11g The high cost of known solutions | | | 2 | | 7 | 2 | |
| 11h The high level of change required from existing government agencies | | | 1 | 1 | 6 | 3 | |
| 11i The absence of clear and immediate economic benefits | | | | | 8 | 3 | |
| JOHNSTONE | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 11a Resource management problems are not well understood | 1 | | 2 | | 1 | 2 | |
| 11b Technical solutions are not feasible | 1 | 1 | 3 | 1 | | | |
| 11c The impacts of mismanagement are long term and incremental | 1 | 1 | | 1 | 2 | 1 | |
| 11d There is no single acute resource management issue within the catchment | 1 | 1 | | | 2 | 2 | |
| 11e The high level of behavioural change required | 1 | | 1 | | 3 | | 1 |
| 11f The long time frame between implementing a solution and seeing the benefits | 1 | 1 | | 2 | 1 | | 1 |
| 11g The high cost of known solutions | 1 | 1 | 1 | 1 | 2 | | |
| 11h The high level of change required from existing government agencies | 1 | | 1 | 1 | 1 | 2 | |
| 11i The absence of clear and immediate economic benefits | 1 | | 1 | | 3 | 1 | |

Question 12. In the last 12 months, the importance of resource management issues has:

| Catchment | Increased | Stayed the Same | Decreased | No response |
|-----------|-----------|-----------------|-----------|-------------|
| Herbert | 8 | 2 | 1 | |
| Johnstone | | 5 | | 1 |

Changes that have occurred:

Herbert

- Pomono subdivision - CCC responded with inspections and some publicity. No further action taken and in hindsight a lost opportunity. Erosion control works in Herbert River at Long Pocket region and was successful in funding. Cattle Creek drainage - to be dealt with in 1996. Trebonne Creek drainage - to be dealt with in 1996.
- Mahogany glider conservation plan - response in progress
- Main issue is Mahogany Glider habitat conservation is all out clearing for cane expansion. CCC sat on fence and failed to comment (deliberately) on gross environmental vandalism in clearing creek beds and banks on Pomona Station. Even the council is now complaining about failure to observe 10m buffer on creek but still ICM holds the "must be polite" line.

- The CCC has made very broad comments condemning expansion in Pomona, the group could have been more forceful in their statements but have taken a "political approach."
- It is my opinion that the CCC is speaking too much behind closed doors and not informing the public for support etc. Too many of the members of the CCC, have affiliations to too many other organisations. Some have 6 to 8 organisation involvements. The CCC chairman is a Shire Councillor and deputy chairman of the Hinchinbrook Shire, Chairman of Works, member of the Herbert River Improvement Trust, a member of the Rural Drainage Proposed Board and he is involved in several other committees. He and several others in the CCC should not be on the CCC Board. These people should be replaced because they cannot make a decision that is good for all the organisations they represent. Fingers in too many pies. I enclose a copy of the Herbert River Express dated December 5th which outlines my views on why I oppose the decision making capacity of the Trust member, Cr. Barnes. I and the organisation I represent have been asking for this work to be done for more than 15 years. When it could be done cheaply, now we see a very high cost involved. Too much talking and very little factual work has been performed.
- Extensive land clearing due to caneland expansion. Mahogany Gliders Issue has possibly made some people more environmentally aware. Also created friction between landowners and government agencies.
- An increasing awareness of the need for water storage for agriculture in the upper catchment. ICM will be coordinating and monitoring any moves in this direction.
- Buffer zones on land clearing.

Johnstone - no comments were made in this section for Johnstone

ICM CONTEXT

Question 13. What level of public support do you believe your CCC has?

| Catchment | Very low level | Low level | Low to Moderate | Moderate level | High level | Very high level |
|-----------|----------------|-----------|-----------------|----------------|------------|-----------------|
| Herbert | 2 | 2 | | 6 | 1 | |
| Johnstone | | 1 | 1 | 3 | | 1 |

Question 14. How significant have the following items been in gaining acceptance from the public?

(0=no response, 1=very low, 2=low, 3=moderate, 4=high, 5=very high, 6=NA/don't know)

| HERBERT | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|
| The State Government's ICM policy statement | | 2 | 2 | 6 | | | 1 |
| Local government political support | | | 4 | 4 | 3 | | |
| Local government agencies support | | | 3 | 5 | 3 | | |
| State government political support | | | 3 | 7 | 1 | | |
| State government agencies support | | | 1 | 4 | 6 | | |
| Good financial resources of CCC | | | 5 | 2 | 3 | | 1 |
| Efforts of the CCC Chair | | 1 | 2 | 4 | 4 | | |
| Efforts of the CCC Coordinator | | | | 4 | 6 | 1 | |
| Positive outcomes associated with CCC activities | | | 3 | 4 | 4 | | |
| Support from relevant industry and community groups | 1 | | 2 | 5 | 3 | | |

| JOHNSTONE | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|----------|----------|----------|----------|----------|----------|----------|
| The State Government's ICM policy statement | | 1 | 5 | | | | |
| Local government political support | | | 4 | 2 | | | |
| Local government agencies support | | | | 2 | 3 | | 1 |
| State government political support | | | | 2 | 2 | 2 | |
| State government agencies support | | 1 | 1 | | 2 | 2 | |
| Good financial resources of CCC | | | | 1 | 3 | 2 | |
| Efforts of the CCC Chair | | | | 1 | 3 | 2 | |
| Efforts of the CCC Coordinator | | | | 1 | 1 | 4 | |
| Positive outcomes associated with CCC activities | | | | 1 | 3 | 2 | |
| Support from relevant industry and community groups | | | | 2 | 2 | 2 | |

Question 15. How effectively have the efforts of your CCC group been accepted by other government agencies within the Herbert?

| Catchment | Very ineffectively | Ineffectively | Neither | Effectively | Effectively to very effectively | Very Effectively |
|------------------|---------------------------|----------------------|----------------|--------------------|--|-------------------------|
| Herbert | | | 2 | 8 | | 1 |
| Johnstone | | | 1 | 3 | 1 | 1 |

Question 16. How significant have the following items been in gaining acceptance from other agencies? (0=no response, 1=very low, 2=low, 3=moderate, 4=high, 5=very high, 6=NA/don't know)

| HERBERT | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|----------|----------|----------|----------|----------|----------|----------|
| The State Government's ICM policy statement | | | 4 | 2 | 4 | | |
| Local government political support | | | 4 | 3 | 4 | | |
| Local government agencies support | | | 3 | 2 | 5 | | 1 |
| State government political support | | | 1 | 9 | 1 | | |
| State government agencies support | | | | 5 | 6 | | |
| Good financial resources of CCC | | | 5 | 4 | 2 | | |
| Efforts of the CCC Chair | | | 4 | 4 | 3 | | |
| Efforts of the CCC Coordinator | | | | 3 | 8 | | |
| Positive outcomes associated with CCC activities | | | 2 | 4 | 4 | | |
| Support from relevant industry and community groups | | | | 7 | 4 | | |

| JOHNSTONE | 0 | 1 | 2 | 3 | 3.5 | 4 | 5 | 6 |
|---|----------|----------|----------|----------|------------|----------|----------|----------|
| The State Government's ICM policy statement | | | 1 | 2 | 1 | 1 | 1 | |
| Local government political support | | | 1 | 3 | | 2 | | |
| Local government agencies support | | | 1 | 2 | | 1 | 1 | 1 |
| State government political support | | | 1 | | | 2 | 3 | |
| State government agencies support | | | | 1 | | 3 | 2 | |
| Good financial resources of CCC | | | | | | 2 | 4 | |
| Efforts of the CCC Chair | | | | | | 4 | 2 | |
| Efforts of the CCC Coordinator | | | | | | 2 | 4 | |
| Positive outcomes associated with CCC activities | | | | | | 4 | 2 | |
| Support from relevant industry and community groups | | | | 2 | | 1 | 3 | |

Question 17. How effectively have the efforts of your CCC been accepted by relevant local industry and community organisations?

| Catchment | Very ineffectively | Ineffectively | Neither | Effectively | Effectively to very effectively | Very Effectively |
|-----------|--------------------|---------------|---------|-------------|---------------------------------|------------------|
| Herbert | | 1 | 2 | 8 | | |
| Johnstone | | | 1 | 3 | 1 | 1 |

Question 18. How significant have the following items been in gaining acceptance from relevant industry and community organisations? (0=no response, 1=very low, 2=low, 3=moderate, 4=high, 5=very high, 6=NA/don't know)

| HERBERT | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|
| The State Government's ICM policy statement | | | 4 | 2 | 4 | | 1 |
| Local government political support | | | 3 | 5 | 3 | | |
| Local government agencies support | | | 2 | 5 | 3 | 1 | |
| State government political support | | | 4 | 5 | 2 | | |
| State government agencies support | | | | 5 | 6 | | |
| Good financial resources of CCC | | | 3 | 5 | 2 | | 1 |
| Efforts of the CCC Chair | | | 2 | 3 | 6 | | |
| Efforts of the CCC Coordinator | | | | 3 | 5 | 3 | |
| Positive outcomes associated with CCC activities | | | | 2 | 2 | 7 | |
| Support from relevant industry and community groups | 1 | | 1 | 3 | 5 | 1 | |

| JOHNSTONE | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|
| The State Government's ICM policy statement | | | 3 | 1 | 1 | | 1 |
| Local government political support | | | | 5 | | | 1 |
| Local government agencies support | | | | 2 | 1 | 1 | 2 |
| State government political support | | | 1 | | 3 | 1 | 1 |
| State government agencies support | | | 1 | 1 | 1 | 2 | 1 |
| Good financial resources of CCC | | | | 1 | 1 | 2 | 2 |
| Efforts of the CCC Chair | | | | 1 | 2 | 2 | 1 |
| Efforts of the CCC Coordinator | | | | | 1 | 4 | 1 |
| Positive outcomes associated with CCC activities | | | | 1 | 2 | 2 | 1 |
| Support from relevant industry and community groups | | | 1 | | 2 | 2 | 1 |

Question 19. How effective has the involvement of the following groups been to the CCC? (Ratings are 0=no response, 1=very ineffective, 2=ineffective, 3=neither, 4=effective, 5=very effective, 6=NA/don't know)

| HERBERT | 0 | 1 | 2 | 3 | 4 | 4.5 | 5 | 6 |
|---|---|---|---|---|---|-----|---|---|
| Rural producers | | | 1 | 1 | 7 | | 2 | |
| Local govt politicians | | | 3 | 1 | 6 | 1 | | |
| Local govt administrators | | | 3 | 2 | 5 | | 1 | |
| State govt politicians | | | 4 | 5 | 1 | | 1 | |
| State govt agencies: | | | | | | | | |
| DPI | | | | 1 | 5 | | 5 | |
| DEH | | | 2 | 2 | 5 | | 1 | |
| Housing, Local Govt. & Planning | | | 3 | 4 | 2 | | | 2 |
| Dept of Lands | | | 2 | 4 | 5 | | | |
| Valley Trusts (or similar) | 1 | | 2 | 1 | 6 | | | 1 |
| Drainage Board/s | | | 1 | 2 | 7 | | 1 | |
| Sugar Industry Infrastructure Package Program | | | 1 | 2 | 4 | | 4 | |

| | | | | |
|--------------------------------------|---|---|---|---|
| Rural industry organisations (total) | 1 | 1 | 5 | 4 |
| Canegrowers | | | 1 | 2 |
| CSR | | | 1 | 1 |
| BSES | | | 1 | |
| CU | | | 1 | |
| Dev. Bureau | | | 1 | |
| Environmental organisations (total) | 4 | 1 | 3 | 3 |
| WPS | | | 1 | 1 |
| Conservation Movement | | | | 1 |
| Conservationists | | | | 1 |
| Other community groups (total) | 5 | 3 | 2 | 1 |
| Hinchinbrook Concerned Citizens | | | 1 | |
| Hinchinbrook Citizens Association | | 1 | | |
| The media (total) | 2 | 3 | 2 | 3 |
| Local press | | | 1 | 1 |

| JOHNSTONE | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|----------|----------|----------|----------|----------|----------|----------|
| Rural producers | | | | 1 | 3 | 2 | |
| Local govt politicians | | | 2 | 1 | 3 | | |
| Local govt administrators | | | | 2 | 3 | 1 | |
| State govt politicians | | | | 1 | 3 | 2 | |
| State govt agencies: | | | | | | | |
| DPI | | | | | 1 | 5 | |
| DEH | | 1 | 2 | 3 | | | |
| Housing, Local Govt. & Planning | | | 2 | 3 | | | 1 |
| Dept of Lands | | | 1 | 2 | 2 | | 1 |
| Valley Trusts (or similar) | 1 | 1 | 1 | 1 | 1 | | 1 |
| Drainage Board/s | | 1 | 2 | 2 | | | 1 |
| Sugar Industry Infrastructure Package Program | | | | 1 | 2 | | 3 |
| Rural industry organisations (total) | 1 | | | | 2 | 2 | 1 |
| Dairying | | | | | 2 | | |
| Canegrowers | | | | | | 1 | |
| QDO | | | | | | 1 | |
| Sugar Mills | | | | | 1 | | |
| QFVG | | | | | 1 | | |
| Environmental organisations (total) | 3 | | | | | 1 | 2 |
| Johnstone Ecol. Society | | | | | | 1 | |
| Other community groups (total) | 2 | | | | 1 | 1 | 2 |
| Recreational Fishing | | | | | | 1 | |
| Amateur/Commercial Fishing | | | | | 1 | | |
| The media (total) | 2 | | | | 4 | | |

Question 20. How effectively do you believe the news media presents your CCC's position on an issue?

| Catchment | Very ineffectively | Ineffectively | Neither | Effectively | Very Effectively |
|------------------|---------------------------|----------------------|----------------|--------------------|-------------------------|
| Herbert | 2 | 2 | 2 | 4 | 1 |
| Johnstone | | | 1 | 5 | |

Question 21. What could or should be done at state/local levels to improve the acceptance and involvement of relevant groups in the Herbert River CCC process?

Herbert River

- More public news items. School promotions. Industry promotions at grower level.

- More available funds, so that the community as a whole can see some useful work being completed instead of hearing of numerous studies being done with no effective follow-up work being obvious.
- Continue to support with financial and technical back up
- I think the CCC has to prove its credibility.
- Greater public consultation and "listening" to public opinion
- Increase public awareness of issues eg. organised articles in paper exploring issues to raise awareness. Can be difficult to manage when local "experts" get wound up.
- Recognise the role of the CCC through legislation (The Chair believes the CCC is simply an advisory group).
- The first thing that should be done is change the structure of the present CCC committee. There are members in it who do not have the confidence of the community at large. Their trust is gone and new faces and new ideas must be implemented. Many of the members have their fixed views which are not acceptable to the community. The next question has some clues.
- Greater involvement of local council - information swapping and cooperation prior to action by council. Use of CCC as database and advisory agency - high level of local knowledge on varied topics in group.
- Much more media publicity on CCC objectives and achievements. More funding for specific projects.
- Increase the public's awareness of CCC.

Johnstone

- An ongoing programme of media releases and a public information programme highlighting the achievements and pointing out the benefits to individual stakeholder groups being involved, eg. be involved in forming the strategies and decisions before some bastard does it for you.
- Appoint effective follow-on coordinators and finance the programme effectively
- Much more usage of media for publicity purposes
- Have better local media resources and have an obvious separation between the state and local view when the local view is contentious. The state view is generally seen as "Big Brother."

Question 22. The implementation of ICM in your catchment is difficult because:

| HERBERT | Strongly disagree (1) | Disagree (2) | Neither (3) | Agree (4) | Strongly Agree (5) | NA/don't know (6) |
|---|--------------------------|-----------------|----------------|--------------|-----------------------|----------------------|
| 22a Large size of catchment (or poor transportation links between parts of catchment) | | | 1 | 10 | | |
| 22b Wide variety of values and beliefs among CCC members | | 3 | | 5 | 3 | |
| 22c Media don't report resource issues accurately | | 4 | 1 | 4 | 2 | |
| 22d Some important constituency groups are not represented on the ICM committee | | 9 | 1 | | 1 | |
| 22e Perception that ICM has been forced on the catchment by the state government | 1 | 5 | 2 | 1 | 1 | 1 |
| 22f Lack of an effective level of interest by CCC members | 1 | 4 | 3 | 2 | 1 | |
| 22g Public's lack of trust in state/local | | 2 | 1 | 5 | 3 | |

| | | | | |
|--|---|---|---|---|
| govt.-sponsored initiatives | | | | |
| 22h Public's lack of interest in community type activities | 2 | 1 | 5 | 3 |
| 22i The lack of financial resources within the community | 2 | 1 | 5 | 3 |

Other/s:

- Lacks specificity and “teeth” to solve public issues - Rating 4 (Agree)
- Ecology vs. development and expansion; downstream effects ignored by upstream development - Rating 5 (Strongly agree)

| JOHNSTONE | Strongly disagree (1) | Disagree (2) | Neither (3) | Neither to Agree (3.5) | Agree (4) | Strongly Agree (5) |
|---|--------------------------|-----------------|----------------|---------------------------|--------------|-----------------------|
| 22a Large size of catchment (or poor transportation links between parts of catchment) | 3 | 1 | 2 | | | |
| 22b Wide variety of values and beliefs among CCC members | 2 | 2 | 2 | | | |
| 22c Media don't report resource issues accurately | 2 | 2 | 1 | | 1 | |
| 22d Some important constituency groups are not represented on the ICM committee | 2 | 2 | 2 | | | |
| 22e Perception that ICM has been forced on the catchment by the state government | 2 | 2 | | | | 1 |
| 22f Lack of an effective level of interest by CCC members | 2 | 2 | 2 | | | |
| 22g Public's lack of trust in state/local govt.-sponsored initiatives | 1 | | | | 4 | 1 |
| 22h Public's lack of interest in community type activities | 1 | | | | 5 | |
| 22i The lack of financial resources within the community | | 1 | 3 | | 2 | |

Institutional Arrangements

Question 23. Rate your level of agreement with the following statements concerning the operations of the CCC. (1=strongly disagree, 2=disagree, 3=neither, 4=agree, 5=strongly agree, 6=NA/don't know)

| HERBERT | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|---|---|---|---|
| 23a The objectives of the local ICM are very clear to all members | 1 | 5 | | 4 | 1 | |
| 23b There is a strong consensus among CCC members concerning what the CCC should do | 1 | 6 | | 3 | 1 | |
| 23c The CCC should coordinate state and local government resource management programs | | | 2 | 8 | 1 | |
| 23d The CCC should prioritise resource management problems in the catchment | | 1 | | 7 | 3 | |
| 23e The CCC should provide a forum for conflict resolution among resource users | | 1 | 2 | 6 | 2 | |
| 23f The local ICM process has or will resolve resource conflicts in an open manner | 1 | 1 | 4 | 4 | 1 | |
| 23g The CCC should educate the public about the catchment's resource management problems and solutions | | | 1 | 6 | 4 | |
| 23h The CCC should provide a forum for information sharing within and between public and private resource managers | | | 1 | 3 | 7 | |

| | | | | | |
|---|---|---|---|---|---|
| 23i The CCC should prepare a strategic resource management plan | | | | 5 | 6 |
| 23j The CCC should facilitate the implementation of resource management initiatives noted in the strategic plan | | | | 7 | 4 |
| 23k The CCC should identify a common set of policies which will be implemented by relevant resource managers within the catchment | | | | 7 | 4 |
| 23l The CCC should make private resource managers/owners more responsible for the impacts arising from their activities | | 2 | 1 | 5 | 3 |
| 23m The CCC should stimulate community or regional development | | 3 | 2 | 4 | 2 |
| 23n The CCC should be providing individuals with technical advice on solutions to natural resource issues | 1 | 1 | 1 | 4 | 4 |
| 23o The activities of our CCC have been effectively coordinated with the activities of other state and local government agencies | | 3 | 1 | 6 | 1 |
| 23p The membership of the CCC effectively represents the interests of the catchment community | | 1 | 1 | 8 | 1 |
| 23q At CCC meetings, all CCC members participate actively | | 2 | 2 | 7 | |
| 23r The local ICM process has or will resolve resource conflicts effectively | | 3 | 5 | 3 | |
| 23s The local ICM process has or will resolve resource conflicts efficiently | 1 | 2 | 5 | 3 | |
| 23t The ICM process is very responsive to local needs | | 1 | 2 | 8 | |
| 23u The CCC is solving the priority natural resource management problems in the catchment | 1 | 1 | 2 | 6 | 1 |

| JOHNSTONE | 1 | 2 | 3 | 4 | 5 | 6 |
|---|----------|----------|----------|----------|----------|----------|
| 23a The objectives of the local ICM are very clear to all members | | | | 4 | 2 | |
| 23b There is a strong consensus among CCC members concerning what the CCC should do | | 1 | | 3 | 2 | |
| 23c The CCC should coordinate state and local government resource management programs | | 1 | | 2 | 3 | |
| 23d The CCC should prioritise resource management problems in the catchment | | | | 3 | 3 | |
| 23e The CCC should provide a forum for conflict resolution among resource users | | | 2 | 3 | 1 | |
| 23f The local ICM process has or will resolve resource conflicts in an open manner | | 1 | 2 | 1 | 1 | 1 |
| 23g The CCC should educate the public about the catchment's resource management problems and solutions | | | 1 | 2 | 3 | |
| 23h The CCC should provide a forum for information sharing within and between public and private resource managers | | | | 2 | 4 | |
| 23i The CCC should prepare a strategic resource management plan | | | 1 | 1 | 4 | |
| 23j The CCC should facilitate the implementation of resource management initiatives noted in the strategic plan | | 1 | | 1 | 4 | |
| 23k The CCC should identify a common set of policies which will be implemented by relevant resource managers within the catchment | | | | 3 | 3 | |
| 23l The CCC should make private resource managers/owners more responsible for the impacts arising from their activities | | 2 | | 3 | 1 | |
| 23m The CCC should stimulate community or regional development | 1 | 2 | 2 | | 1 | |
| 23n The CCC should be providing individuals with technical advice on solutions to natural resource issues | 1 | | | 4 | 1 | |
| 23o The activities of our CCC have been effectively coordinated with the activities of other state and local government agencies | | 1 | 1 | 2 | 2 | |
| 23p The membership of the CCC effectively represents the interests of the catchment community | | | | 5 | 1 | |
| 23q At CCC meetings, all CCC members participate actively | | | | 2 | 4 | |
| 23r The local ICM process has or will resolve resource conflicts effectively | | 1 | 1 | 3 | 1 | |
| 23s The local ICM process has or will resolve resource conflicts efficiently | | 1 | 3 | | | 2 |
| 23t The ICM process is very responsive to local needs | | | 1 | 4 | 1 | |
| 23u The CCC is solving the priority natural resource management problems in the catchment | | 1 | 1 | 4 | | |

Question 24. Over the last 12 months, the level of financial and in kind support from QDPI has:

| Catchment | No response | Decreased | Decreased - Remained the Same | Remained the Same | Increased |
|-----------|-------------|-----------|-------------------------------|-------------------|-----------|
| Herbert | 2 | | | 2 | 3 |
| Johnstone | | | 1 | 1 | 4 |

Changes that have occurred:

Herbert

- Don't know if there has been any changes
- More DPI personnel available for advice; some increased special purpose funding; support for a student to work in the catchment.

Johnstone

- As far as I know financial support has decreased from QDPI - any increase is via NLP or other external funds. However, there are a lot of projects and we are not concerned with counting beans at our meetings
- Introduction of ICM grants
- More funding came through!

Question 25. Over the last 12 months, the level of financial and in kind support from other state and local agencies, and other external funding organisations (eg. National Landcare Program) has:

| Catchment | No response | Decreased | Remained the Same | Increased |
|-----------|-------------|-----------|-------------------|-----------|
| Herbert | 2 | | 6 | 3 |
| Johnstone | | | 1 | 5 |

Changes that have occurred:

Herbert

- As above - I am not aware of the detailed breakdown of contributions.
- Approval of funding for a landcare project.

Johnstone

- More funding came through.
- Significant input from Landcare for projects. Money from LWRRDC for research etc.
- As far as I know, more/additional projects have been funded

Question 26. How clear to you is the role(s) of the following groups in the local ICM process? (Ratings are 0=no response, 1=very unclear, 2=unclear, 3=neither, 4=clear, 5=very clear, 6=NA/don't know)

| HERBERT | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|--------------------------------------|---|---|---|---|---|---|---|
| QDPI | | | 1 | 1 | 7 | 2 | |
| QDEH | | | 3 | | 8 | | |
| Qld Dept. Lands | | 1 | 3 | 1 | 6 | | |
| Dept Housing, Local Govt. & Planning | | 1 | 3 | 1 | 5 | | 1 |
| Wet Tropics Management Agency | | | 2 | 4 | 4 | | |
| Great Barrier Reef Marine Park Auth. | | | 2 | 1 | 7 | 1 | |

| | | | | | | |
|--------------------------------|---|---|---|---|---|---|
| River Improvement Trust | | 2 | 2 | 5 | 2 | |
| Drainage boards | | 2 | 2 | 5 | 2 | |
| Cane Assignment Committees | 2 | 1 | 1 | 5 | 2 | |
| Local Government | | 2 | 1 | 6 | 2 | |
| National Landcare Program | | | 3 | 5 | 2 | 1 |
| Industry Groups (total) | 2 | 1 | | 5 | 3 | |
| Sugar | | | | | 2 | |
| CSR | | | | 3 | | |
| Canegrowers | | 1 | | | | |
| CU | | | | 1 | | |
| Other community groups (total) | 9 | 1 | | 1 | | |
| Dev. Bureau | | | | 1 | | |
| Environmental groups (total) | 5 | 1 | | 2 | 2 | 1 |
| WPS | | | | 1 | 1 | |
| Other/s (Nil listed) | | | | | | |

| JOHNSTONE | 0 | 1 | 2 | 3 | 3.5 | 4 | 5 | 6 |
|--------------------------------------|----------|----------|----------|----------|------------|----------|----------|----------|
| QDPI | | | | | 1 | 2 | 5 | |
| QDEH | | | 1 | 1 | | 3 | 1 | |
| Qld Dept. Lands | | | 3 | 1 | | 1 | 1 | |
| Dept Housing, Local Govt. & Planning | 1 | | 2 | 1 | | 1 | | |
| Wet Tropics Management Agency | | 1 | 2 | | | 2 | 1 | |
| Great Barrier Reef Marine Park Auth. | | | 2 | 2 | | 2 | | |
| River Improvement Trust | | | 2 | 1 | | 1 | 2 | |
| Drainage boards | | 1 | 2 | 2 | | | | |
| Cane Assignment Committees | | | 2 | 3 | | 1 | | |
| Local Government | | | 1 | | | 4 | 1 | |
| National Landcare Program | | | | | | 6 | | |
| Industry Groups (total) | | | | | | 3 | 2 | 1 |
| Dairying | | | | | | 1 | 1 | |
| Sugar/Dairying/Other crops | | | | | | 1 | | |
| As per CCC membership | | | | | | 1 | | |
| Other community groups (total) | 3 | | | | | | 2 | 1 |
| Amateur fishing | | | | | | | 1 | |
| Environmental groups (total) | 3 | | | | | | 2 | 1 |
| Johnstone Ecol. Society | | | | | | | 1 | |
| Other/s (Nil listed) | | | | | | | | |

Question 27. Average hours per month devoted to ICM:

| Catchment | Position | Hours/mth |
|------------------|-----------------|------------------|
| Herbert | Chair | 15 |
| Herbert | Member | 15 |
| Herbert | Member | 10 |
| Herbert | Member | 6 |
| Herbert | Member | 6 |
| Herbert | Member | 6 |
| Herbert | Member | 6 |
| Herbert | Member | 6 |
| Herbert | Member | 5 |
| Herbert | Member | 4 |
| Herbert | Member | 4 |
| Herbert | Member | 3 |
| | | |
| Johnstone | Chair | 30 |
| Johnstone | Member | 20 |
| Johnstone | Member | 15 |
| Johnstone | Member | 12 |
| Johnstone | Member | 5 |
| Johnstone | Member | 4 |

Question 28. Identify your level of agreement with the following statements:

| HERBERT | Strongly disagree (1) | Disagree (2) | Neither (3) | Agree (4) | Strongly Agree (5) |
|---|----------------------------------|-------------------------|------------------------|----------------------|-------------------------------|
| 28a The amount of time I devote to ICM significantly interferes with my own business/job requirements | 1 | 4 | 2 | 4 | |
| 28b The amount of time I devote to ICM significantly interferes with my family commitments | 1 | 6 | 1 | 3 | |
| 28c My involvement with the CCC causes significant out-of-pocket expenses | 1 | 4 | 5 | 1 | |
| 28d I find being a member of the CCC personally rewarding because I can contribute to the community | | | 3 | 7 | 1 |
| 28e I find being a member of the CCC personally rewarding because I care about natural resource mgnt | | | | 8 | 3 |
| 28f I find being a member of the CCC personally rewarding because I can meet other members of the community who can influence resource management decision making | | | | 9 | 2 |
| 28g I find being a member of the CCC frustrating | 1 | 3 | 2 | 3 | 2 |
| 28h I see my role in the CCC as a short-term commitment | 1 | 6 | 1 | 3 | |
| 28i A CCC's member's role is to provide their personal views on resource management issues at CCC meetings | | 3 | 2 | 6 | |
| 28j A CCC member's role is to represent the resource management views of their constituency group at CCC meetings | | | | | 8 |
| 28k A CCC member's role is to provide a catchment-wide perspective of natural resource management issues at CCC meetings. | | | | 3 | 6 |

| JOHNSTONE | (1) | (2) | (3) | (4) | (4.5) | (5) | (6) |
|---|------------|------------|------------|------------|--------------|------------|------------|
| 28a The amount of time I devote to ICM significantly interferes with my own business/job requirements | 1 | 1 | 2 | 1 | | | 1 |
| 28b The amount of time I devote to ICM significantly interferes with my family commitments | 1 | 1 | 3 | 1 | | | |
| 28c My involvement with the CCC causes significant out-of-pocket expenses | | 4 | 1 | 1 | | | |
| 28d I find being a member of the CCC personally rewarding because I can contribute to the community | | 1 | 1 | 3 | | 1 | |
| 28e I find being a member of the CCC personally rewarding because I care about natural resource mgnt | | | | 3 | | 3 | |
| 28f I find being a member of the CCC personally rewarding because I can meet other members of the community who can influence resource management decision making | | | | 2 | 1 | 3 | |
| 28g I find being a member of the CCC frustrating | 2 | 3 | | 1 | | | |
| 28h I see my role in the CCC as a short-term commitment | 1 | 3 | 1 | 1 | | | |
| 28i A CCC's member's role is to provide their personal views on resource management issues at CCC meetings | 1 | 4 | | | | 1 | |
| 28j A CCC member's role is to represent the resource management views of their constituency | | | | 2 | | 4 | |

| JOHNSTONE | (1) | (2) | (3) | (4) | (4.5) | (5) | (6) |
|--|-----|-----|-----|-----|-------|-----|-----|
| group at CCC meetings 28k A CCC member's role is to provide a catchment-wide perspective of natural resource management issues at CCC meetings. | | | | 3 | | 3 | |

Question 29. Further comments

Herbert

- A possible problem associated with ICM in the Herbert River District is that it is virtually a single industry catchment - this gives the sugar and allied industries a fair bit of punch. My personal opinion (possibly cynical) is that certain issues - expansion, drainage, wet land reclamation, river improvement???, use of pesticides and herbicides - may not be consistent with the ideal of ecologically sustainable development. To varying degrees, these practices can be detrimental to natural flora and fauna, also downstream users of the catchment and adjacent lands and waters.
- If ICM is to succeed, I repeat that a new concept of information and advice must be found. The present views of "so called elected people" eg. Hinchinbrook Council, Canegrowers representatives, CSR and a few other organisations, must be got rid of. Unbiased people who will adopt common sense and reasoning and have a knowledge of all existing problems must be considered quickly. The above-named organisations do not know the trust of the community and I fear that if the present scenario continues, ICM will fail. People want action not to be asked to go to meetings continually. There have been millions of dollars already wasted. Let's be constructive and not destructive.
- Comments on pages 2 and 3: We are being strangled by Bureaucrats who don't know the "grass roots" of problems. Over budgeting and serious lack of communication with the public.
- The issues of Riparian Vegetation on existing cane land is a major issue with the potential of causing anxiety if not managed carefully. The issue of river management that is sand bars, instream vegetation and levies that can be rationalised has to be resolved. The level of meeting attendance is a problem and does effect continuity of the decision making process. The lack of a street frontage office I think effects our ICM public accessibility. There would be extra costs with it but it should be looked at.

Johnstone

- I am a special member with ICM and ecological and planning expertise and do not represent an interest sector as such. I became involved at the commenced of the Johnstone River CCC and am still involved.
- The role of Catchment Coordinators is vital to developing an effective strategy and bringing the diverse stakeholder groups together. He/she should be a mature person with a wide knowledge and experience of the working of government and who has very good personal communication skills. If the best and most effective representatives are to be attracted to serve on CCCs then need to be supported, resource wise, by a facility such as a Catchment Centre (for a group of catchments if necessary) to provide briefing, interpretations and back up support. An effective and ongoing media and public information programme is essential (using community media outlets with locally generated release) to effectively inform the Catchment Community on natural resource management issues.
- So called "Plot Study" is taking too long.
- Re Question on Personal Demands and Motivation [in Committee Members questionnaires only], a CCC participant's role is also to try and understand complexities and other people's points of view. I find ICM more effective as a conservationist. Before ICM any issues were

fought from the trenches or in the pages of newspapers. Now I can bring issues up at meetings and discuss them across the table - and many can be solved with very little angst. Members of Johnstone ICM are heavily involved in their respective groups - which is good in that they are knowledgeable and truly representative, but it has meant a heavy commitment in time. Johnstone ICM has been effective because there was a very strong desire by groups to have their say. World Heritage was seen as being "imposed" on them.