

| Location                          | Waterbody                 | RAMP Monitoring Component |                      |          |                  |           |
|-----------------------------------|---------------------------|---------------------------|----------------------|----------|------------------|-----------|
|                                   |                           | Water                     | Benthos <sup>3</sup> | Sediment | Fish populations | Hydrology |
| Athabasca River Delta             | Fletcher Channel          |                           | √                    | √        |                  |           |
|                                   | Goose Island Channel      |                           | √                    | √        |                  |           |
|                                   | Big Point Channel         |                           | √                    | √        |                  |           |
|                                   | Embarras River            |                           | √                    | √        |                  |           |
| Athabasca River                   | Athabasca River           | √                         | √                    | √        | √                | √         |
| Eastern Athabasca<br>Tributaries  | McLean Creek              | √                         |                      |          |                  |           |
|                                   | Steepbank River           | √                         | √                    |          | √                | √         |
|                                   | North Steepbank River     | √                         |                      |          |                  |           |
|                                   | Mills Creek               | √                         |                      |          |                  | √         |
|                                   | Muskeg River              | √                         | √                    | √        | √                | √         |
|                                   | Muskeg River Tributaries: |                           |                      |          |                  |           |
|                                   | Jackpine Creek            | √                         | √                    | √        | √                | √         |
|                                   | Wapasu Creek              | √                         |                      |          |                  | √         |
|                                   | Muskeg Creek              | √                         |                      |          |                  | √         |
|                                   | Shelley Creek             | √                         |                      |          |                  |           |
|                                   | Stanley Creek             | √                         |                      |          |                  |           |
|                                   | Iynimin Creek             | √                         |                      |          |                  | √         |
|                                   | Fort Creek                | √                         | √                    | √        | √                | √         |
|                                   | Firebag River             | √                         | √                    | √        |                  | √         |
| Western Athabasca<br>Tributaries  | MacKay River              | √                         | √                    |          | √                | √         |
|                                   | Tar River                 | √                         | √                    | √        | √                | √         |
|                                   | Ells River                | √                         | √                    | √        | √                | √         |
|                                   | Beaver River              | √                         | √                    | √        | √                | √         |
|                                   | Poplar Creek              | √                         | √                    | √        | √                | √         |
|                                   | Red Clay Creek            | √                         |                      |          |                  | √         |
|                                   | Big Creek                 | √                         |                      |          |                  | √         |
|                                   | Eymundson Creek           | √                         |                      |          |                  | √         |
|                                   | Pierre River              | √                         |                      |          |                  | √         |
|                                   | Calumet River             | √                         | √                    | √        |                  | √         |
|                                   | Dunkirk River             | √                         | √                    |          | √                |           |
| Southern Athabasca<br>Tributaries | Clearwater River          | √                         | √                    | √        | √                | √         |
|                                   | Christina River           | √                         | √                    | √        |                  | √         |
|                                   | Hangingstone River        | √                         | √                    |          |                  | √         |
|                                   | High Hills Creek          | √                         | √                    |          | √                |           |
|                                   | Surmont Creek             |                           |                      |          |                  | √         |
|                                   | Horse River               | √                         | √                    |          | √                |           |
| Wetlands                          | Johnson Lake              | √                         | √                    | √        |                  |           |
|                                   | McClelland Lake           | √                         | √                    | √        |                  | √         |
|                                   | Kearl Lake                | √                         | √                    | √        |                  | √         |
|                                   | Isadore's Lake            | √                         | √                    | √        |                  | √         |
|                                   | Shipyard Lake             | √                         | √                    | √        |                  |           |
|                                   | Susan Lake                |                           |                      |          |                  | √         |
| Regional Lakes                    |                           | √ <sup>1</sup>            |                      |          | √ <sup>2</sup>   |           |

<sup>1</sup> 50 regional lakes monitored for the Acid-Sensitive Lakes Component.

<sup>2</sup> Select lakes monitored for fish tissue (Gregoire Lake, Lake, Claire, Christina Lake, Winefred Lake, Namur Lake, Gardiner Lake, Big Island Lake, Jackson Lake, Keith Lake, Net Lake, Brutus Lake)

<sup>3</sup> Benthos includes benthic macroinvertebrate organisms that live in or on sediment.