Table 1.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | Catchment | Basin | CxB | R2 | Source |
|  |  |  |  |  |  |
| Area | ● | ● | ● | 0.46 | Rodgers (2017) |
| Maximum depth | ● | ● | ● | 0.32 | Rodgers (2017) |
| Volume | ● | ● | ● | 0.45 | Rodgers (2017) |
| Shoreline development index | ● | ● |  | 0.53 | Rodgers (2017) |
|  |  |  |  |  |  |
| Discharge | ● | ● |  | 0.57 | Rodgers (2017) |
| Total phosphorous | ● | ● | ● | 0.56 | Rodgers (2017) |
| Total nitrogen | ● | ● |  | 0.59 | Rodgers (2017) |
|  |  |  |  |  |  |
| Point source pollution |  | ● |  | 0.16 | Krogman & Miranda (2016) |
| Nonpoint source pollution | ● | ● | ● | 0.19 | Krogman & Miranda (2016) |
| Excessive nutrients |  | ● |  | 0.17 | Krogman & Miranda (2016) |
| Algae blooms |  |  |  | 0.13 | Krogman & Miranda (2016) |
| Siltation |  |  |  | 0.16 | Krogman & Miranda (2016) |
| Lack of nutrients |  | ● |  | 0.24 | Krogman & Miranda (2016) |
| Mudflats |  |  |  | 0.12 | Krogman & Miranda (2016) |
| Lack of connectivity |  |  |  | 0.12 | Krogman & Miranda (2016) |
| Lack of structure |  | ● | ● | 0.18 | Krogman & Miranda (2016) |
| Nuisance species | ● | ● | ● | 0.17 | Krogman & Miranda (2016) |
| Anomalous water level | ● | ● |  | 0.15 | Krogman & Miranda (2016) |
| Large water level fluctuations | ● |  |  | 0.21 | Krogman & Miranda (2016) |
| Index of reservoir habitat impairment |  | ● |  | 0.11 | Krogman & Miranda (2016) |
|  |  |  |  |  |  |
| Carnivores | ● | ● |  | 0.39 | NRRP (1989) |
| Detritivores | ● | ● |  | 0.41 | NRRP (1989) |
| Herbivores | ● | ● | ● | 0.28 | NRRP (1989) |
| Invertivores |  |  |  | 0.17 | NRRP (1989) |
| Planktivores | ● |  |  | 0.25 | NRRP (1989) |
| All | ● | ● | ● | 0.32 | NRRP (1989) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |