**Medway Dam FERC No. P-2666 : RAW DECISION MATRIX** (cell values are data values and have not been changed in any way)

| Decision Criteria | Keep and Maintain Dam | Improve Fish Passage | Improve Hydropower Capacity | Improve Hydro AND Fish Passage | Remove Dam |
|---|---|---|---|---|---|
| Sea-run fish habitat area (100 square m) | 0 | 0 | 0 | 0 | 0 |
| River recreation area (square km) | 0 | 0 | 0 | 0 | 0 - 15 |
| Reservoir storage (100,000 acre feet) | 0 | 0 | 0 | 0 | 0 |
| Annuitized project costs ($2018 thousands/yr) | 246 | 279 | 1,148 | 1,181 | 160 |
| Breach Damage Potential | 3 | 3 | 3 | 3 | 0 |
| Number of Properties Impacted | 0 | 0 | 0 | 0 | 11 |
| Annual Electricity Generation (GWh/yr)* | 28 | 28 | 48 | 48 | 0 |
| CO2 Emissions Reduction (kilotonne/yr) | 5.1 | 8.7 | 5.1 | 8.7 | 0 |
| Indigenous Lifeways | 1.3 | 4.0 | 1.5 | 3.5 | 5.0 |
| Industrial Historical Value | 2.5 | 1.5 | 2.5 | 1.5 | 2.5 |
| Community Identity | 2.3 | 3.0 | 1.5 | 2.5 | 4.0 |
| Aesthetic Value | 1.4 | 3.3 | 1.7 | 3.0 | 4.8 |
| Public Health | 1.8 | 4.5 | 2.0 | 4.0 | 4.4 |
| Social and Environmental Justice | 1.0 | 4.0 | 1.5 | 4.0 | 5.0 |

*1 GWh = 1000 MWh, so to convert from GWh to MWh, multiply the value by 1,000. To convert from MWh to GWh, divide by 1,000.

Developed by Emma Fox, Sharon Klein, and Sam Roy of UMaine, with input from stakeholders active in dam decision-making in Maine.