**Supplemental Online Material**

Supplemental Table 1 Minimum distance (km) to nearest dam and Amazon Waterway’s proposed dredging sites per monitored dolphin. E= Existing dam, P= Proposed dam, all dredging sites are proposed.

|  |  |  |  |
| --- | --- | --- | --- |
| **ID**  | **Dams (km)** | **Dredging sites (km)** | **Overlap PAs (%)** |
| Gera (E) | Mazan (P) | Manseriche (P) | Pumayacu (P) | Puinahua | Progreso |
| A | 592 | 141 | 410 | 329 | 61 | 257 | 40 |
| B | 567 | 148 | 392 | 303 | 21 | 230 | 43 |
| C | 552 | 308 | 225 | 148 | 156 | 84 | 62 |
| D | 541 | 283 | 213 | 124 | 141 | 62 | 60 |
| E | 336 | 146 | 395 | 312 | 37 | 239 | 15 |
| F | 332 | 267 | 224 | 137 | 119 | 72 | 7 |
| G | 316 | 140 | 410 | 327 | 58 | 255 | 9 |
| H | 316 | 274 | 236 | 161 | 127 | 95 | 13 |