Source: Nobriga, Matthew. Fish Biologist, Bay Delta Fish and Wildlife Office, U.S Fish and Wildlife Service, Sacramento, CA. May 14, 2012—Email containing Excel file sent to Marin Greenwood, Aquatic Ecologist, ICF, Sacramento, CA.

| Number | RelSite | a | b | EI.10 | EI.50 |
|---|---|---|---|---|---|
| 1 | Antioch | 0.002710283 | 6.845787765 | 0.542447088 | 0.863407167 |
| 2 | Bacon | 0.003600678 | 48.02795329 | 0.071404426 | 0.117153296 |
| 3 | Collins | 0.001226817 | 7.346004473 | 0.613409292 | 0.912514007 |
| 4 | Franks103 | 0.088272135 | 6.512838576 | 0.035331171 | 0.372699364 |
| 5 | Franks226 | 0.032122116 | 5.554415787 | 0.223423305 | 0.619004885 |
| 6 | GeoSlu | 0.055619325 | 7.531881183 | 0.091876115 | 0.383599328 |
| 7 | Hood | 0.037094095 | 6.007218995 | 0.182625758 | 0.548389779 |
| 8 | Medford | 0.005925093 | 34.80023588 | 0.084233175 | 0.147371384 |
| 9 | Mossdale | 0.111111111 | 26.64932339 | 0 | 0.082449545 |
| 10 | NFMok | 0.061023444 | 7.286202792 | 0.082247586 | 0.38380721 |
| 11 | Potato | 0.016384151 | 23.7083084 | 0.080740312 | 0.173417721 |
| 12 | RioVis | 0.007675505 | 6.694983586 | 0.399178972 | 0.727368661 |
| 13 | Ryde | 0.011701744 | 6.720734101 | 0.334902823 | 0.661835052 |
| 14 | SFMok | 0.038961527 | 14.47375167 | 0.072403897 | 0.224211433 |
| 15 | Stockton | 0.008407068 | 32.6988704 | 0.078946393 | 0.146142126 |
| 16 | Twitch | 0.034244165 | 6.378317557 | 0.184533698 | 0.529017107 |
| 17 | Vernalis | 0.111111111 | 27.30738792 | 0 | 0.080462642 |
| 18 | Victoria | 1.28387E-08 | 219.7224577 | 0.072698867 | 0.082698867 |
| 19 | X3Mile | 0.015793551 | 6.10724605 | 0.319444971 | 0.679218355 |

| | Exponent term | Full denominator | Predicted loss |
|---|---|---|---|
| 0.1 | 3486784401 | 45.76593119 | 0.021850315 |
| 0.11 | 31381059609 | 403.8933807 | 0.002475901 |
| 0.12 | 2.8243E+11 | 3627.040427 | 0.000275707 |
| 0.13 | 2.54187E+12 | 32635.36384 | 3.06416E-05 |
| 0.14 | 2.28768E+13 | 293710.2745 | 3.40472E-06 |
| 0.15 | 2.05891E+14 | 2643384.471 | 3.78303E-07 |
| 0.16 | 1.85302E+15 | 23790452.24 | 4.20337E-08 |
| 0.17 | 1.66772E+16 | 214114062.1 | 4.67041E-09 |
| 0.18 | 1.50095E+17 | 1927026551 | 5.18934E-10 |
| 0.19 | 1.35085E+18 | 17343238954 | 5.76594E-11 |
| 0.2 | 1.21577E+19 | 1.56089E+11 | 6.4066E-12 |

P(Loss) = 1/(1 + a * exp (b * EI))

EI as a fraction not a percent

EI.10 is the probability of loss at an EI of 0.10

EI.50 is the probability of loss at an EI of 0.50

These two parameters are enough to define the curve