Table (a). Trend direction and significance of trends for concentration and flux at all sites and for all constituents. [NO3 CON nitrate concentration; NO3 FLUX, nitrate flux; NH3 CON, ammonia concentration; NH3 FLUX, ammonia flux; OP CON, orthophosphate concentration; OP FLUX, orthophosphate flux; KN CON, Kjeldahl nitrogen concentration; KN FLUX, Kjeldahl nitrogen flux, TP CON, total phosphorus concentration; TP FLUX, total phosphorus flux

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Site name | NO3  CON | NO3  FLUX | NH3  CON | NH3  FLUX | TKN  CON | TKN  FLUX | OP  CON | OP  FLUX | TP  CON | TP  FLUX |
| Sacramento River at Freeport | Up  0.02 | Up  0.48 | Down  -0.17 | Down  -2.45 | Down  -0.26 | Down  -4.08 | Down  -0.04 | Down  -0.57 | Down  -0.09 | Down  -1.54 |
| San Joaquin River at Vernalis | Down  -0.14 mg/L | Down  -0.27 kg/yr | Down  -0.11 | Down  -0.26 | Down  -0.78 | Down  -2.86 | Down  -0.01 | Down  -0.05 | Down  -0.09 | Down  -0.16 |

Table (b). Description of colors used in Table 3a.

|  |  |  |
| --- | --- | --- |
| Range of ̂ values | Color | Color Explanation |
| ≥ 0.95 |  | Highly likely |
| ≥ 0.9 *and* < 0.95 |  | Very likely |
| ≥ 0.66 *and* < 0.9 |  | Likely |