| | | | Assessme | ent Thresho | olds Re | commended | to Protect | Designated E | Benefic | al Uses in the | Water Body | | | | |
|-------------------------|----------------------------|--------------------------------------------------------------|-----------------|-------------|-------------------------------|-----------|------------|--------------|---------|----------------|--------------|---|-------------------|-----------------|------------|
| | Water Quality | Numeric Thresholds Recommended to Implement Objection | ctive or Criter | ion | G=Groundwater IS=Inland SW | Gro | oundwater | | Ir | nland Surfa | ice Waters | | Bay or Estuary | Ocean Waters | İ |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | 0.0 | MUN- | | | | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | _ | AGR | MUN-MCL | | & Consump | | | | Number |
| Acenaphthene | Tastes and Odors | USEPA National Recomm. WQ Criteria, taste & odor | 20 | ug/L | G & IS | Х | X | | Х | X | | | | | 83-32-9 |
| • | Toxicity - humans | USEPA IRIS Reference Dose (c) | 420 | ug/L | G | | | | | | | | | | |
| | 1 | USEPA National Recomm. WQ Criteria, water & fish consump. | 70 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 90 | ug/L | E&O | | | | | | | | Х | Х | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 1,200 | ug/L | IS | | | | | | | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 2,700 | ug/L | IS & E | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 170 | ug/L | IS | | | | | | | | | | 1 |
| | , i | USEPA National Recomm. WQ Criteria, toxicity to algae / 10 | 52 | ug/L | IS | | | | | | Х | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 97 | ug/L | E&O | | | | | | | | | | 1 |
| 1 | | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 71 | ug/L | E&O | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, toxicity to algae / 10 | 50 | ug/L | E&O | | | | | | | | | | <u> </u> |
| Acenaphthylene | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | X | 208-96-8 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E&O | | | | | | | | Х | | 1 |
| Acetone | Tastes and Odors | Odor threshold (Amoore and Hautala) | 20,000 | ug/L | G & IS | | | | | | | | | | 67-64-1 |
| | Toxicity - humans | USEPA IRIS Reference Dose (c) | 6,300 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 1 |
| Acrolein | Tastes and Odors | Odor threshold (Amoore and Hautala) | 110 | ug/L | G & IS | | | | | | | | | | 107-02-8 |
| | Toxicity - humans | USEPA IRIS Reference Dose (c) | 3.5 | ug/L | G | Х | Х | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 3 | ug/L | IS | | | | | | Х | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 400 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 320 | ug/L | IS | | | | Х | Х | | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 780 | ug/L | IS & E | | | | | | | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 220 | ug/L | 0 | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 3 | ug/L | IS | | | | | | X | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, 1-hour average | 3 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 5.5 | ug/L | E&O | | | | | | | | X | X | 1 |
| Alachlor | Chemical Constituents | California Primary MCL | 2 | ug/L | G & IS | Χ | Х | | Χ | X | | | | | 15972-60-8 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 4 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA Water Quality Advisory, instantandous maximum | 76 | ug/L | IS | | | | | | X | | | | 1 |
| Aldrin | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.0021 | ug/L | G | X | Х | | | | | | | | 309-00-2 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.00008 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.00008 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00013 | ug/L | IS | | | | X | Х | X | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 0.00014 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 0.000022 | ug/L | 0 | | | | | | | | | X | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), instantaneous maximum | 1.3 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), instantaneous maximum | 3 | ug/L | IS | | | | | | <u> </u> | | | | |
| Aluminum | Chemical Constituents | California Primary MCL | 1,000 | ug/L | G & IS | | | | | | | | | | 7429-90-5 |
| | | California Secondary MCL | 200 | ug/L | G & IS | Х | Х | | Х | Χ | | | | | 1 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 5,000 | ug/L | G & IS | | | Χ | | | | Х | | | 1 |
| | Tastes and Odors | California Secondary MCL | 200 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 600 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, 4-day avg, total (f) | 87 | ug/L | IS | | | | | | X | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, 1-hour avg, total (f) | 750 | ug/L | IS | | | | | | | | | | 1 |

| | | | | | | Assessme | nt Thresho | lds Re | commended | to Protect | Designated B | enefici | ial Uses in the | Water Body | |
|-------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------|--------------|-------------------------------|--------------------------------------------------|--------------------------------------------------|----------------------------|--------------------------------------------------|--------------------------------------------------|--------------|---------|--------------------------------------------------|--------------------------------------------------|-----------|
| | Water Quality | Numeric Thresholds Recommended to Implement Object | ctive or Criter | rion | G=Groundwater IS=Inland SW | Gro | oundwater | | lr | nland Surfac | ce Waters | | Bay or Estuary | Ocean Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | i | E=EB/Estuary | | MUN- | | | | Aquatic Life | | | Aquatic Life | |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | |
| Ammonia | Tastes and Odors | Odor threshold (Amoore and Hautala) | 1,500 | ug/L | G & IS | X | Х | L' | X | Х | | | | | 7664-41-7 |
| (and Ammonium) | Toxicity - humans | USEPA Draft Health Advisory | 30,000 | ug/L | G & IS | | ļ | ' | | | | | | | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, 4-day avg, as N (i) | 490 | ug/L | IS | | ļ | ' | | | Х | | | | |
| | | USEPA National Recomm. WQ Criteria, 1-hour avg, as N (j) | 1,770 | ug/L | IS | <u> </u> | | <u> </u> | | | | | | | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day avg, as N (k) | 100 | ug/L | E | | <u> </u> | ' | | <u> </u> | | | X | | |
| | | | 250 | ug/L | 0 | <u> </u> | <u> </u> | └ ──' | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, 1-hour avg, as N (k) | 690 | ug/L | Е | <u> </u> | <u> </u> | └ ──' | | | | | | | |
| | | | 1,800 | ug/L | 0 | <u> </u> | <u> </u> | └ ──' | | | | | | | |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median, as N | 600 | ug/L | 0 | ' | <u> </u> | ——' | | | | | | Х | _ |
| | | Aquatic Life Protection Objective, daily maximum, as N | 2,400 | ug/L | 0 | <u> </u> | <u> </u> | ——' | | <u> </u> | | | | | _ |
| | | Aquatic Life Protection Objective, instantaneous max, as N | 6,000 | ug/L | 0 | | <u> </u> | └ ──' | <u> </u> | | | | | | |
| tert-Amyl methyl ether (tAME) | Toxicity - humans | California Public Health Goal for Drinking Water (for MTBE) | 13 | ug/L | G & IS | <u> </u> | | ——' | | L., | | | | | 994-05-8 |
| (Methyl tert-Amyl Ether) | Tastes and Odors | California Secondary MCL (taste/odor limit based on MTBE) | 5 | ug/L | G & IS | Х | Х | └ ──' | Х | Х | | | | | |
| Anthracene | Toxicity - humans | USEPA IRIS Reference Dose (c) | 2,100 | ug/L | G | Х | Х | <u></u> | <u> </u> | | | | <u> </u> | | 120-12-7 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | | ug/L | IS | . | | ' | X | Х | | | <u> </u> | ļ | 4 |
| | . | USEPA National Recomm. WQ Criteria, fish consumption | 400 | ug/L | E&O | . | | ' | ' | ļ | | | Х | ļ | 4 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 9,600 | ug/L | IS | . | | ' | ' | ļ | ., | | <u> </u> | ļ | 4 |
| | | California Toxics Rule (USEPA) for other waters | 110,000 | ug/L | IS & E | . | | ' | ' | ļ | Х | | <u> </u> | | 4 |
| | | s Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | ' | _ | ─ ─' | | | | ļ | <u> </u> | Х | 4 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E & O | ' | ↓ | ——' | | <u> </u> | | | Х | | |
| Antimony | | California Primary MCL | 6 | ug/L | G & IS | Х | | $\vdash \vdash$ | Х | | | | | | 7440-36-0 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 1 | ug/L | G | <u> </u> | Х | $\vdash \vdash$ | | Х | | | | | - |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 14 | ug/L | IS | <u> </u> | <u> </u> | $\vdash \vdash$ | | <u> </u> | | | | | - |
| | 04.0 | California Toxics Rule (USEPA) for other waters | 4,300 | ug/L | IS & E | <u> </u> | <u> </u> | $\vdash \vdash$ | | <u> </u> | | | Х | | - |
| | | SHuman Health Protection Objective, fish consumption | 1,200 | ug/L | 0 | ' | <u> </u> | ——' | | | | | | | 4 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 900 | ug/L | IS | <u> </u> | <u> </u> | $\vdash \vdash$ | | <u> </u> | | | | | - |
| | | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 160 | ug/L | IS IS | <u> </u> | <u> </u> | $\vdash \vdash$ | | <u> </u> | V | | | | - |
| A | Oh | USEPA National Recomm. WQ Criteria, algae toxicity / 10 | 61 | ug/L | | | | ——' | | | Х | | | | 7440-38-2 |
| Arsenic | Chemical Constituents | California Primary MCL | 10 100 | ug/L | G & IS G & IS | Х | ļ | $\vdash \downarrow \vdash$ | <u> </u> | | | V | | ļ | 7440-38-2 |
| | Toxicity - humans | Water Quality for Agriculture (Ayers & Westcot) California Public Health Goal for Drinking Water | 0.004 | ug/L ug/L | G & IS | | Х | Х | <u> </u> | Х | | Х | | ļ | - |
| | Toxicity - numans | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.004 | ug/L ug/L | IS | ' | | $\vdash \vdash$ | X | | X | | | ļ! | 4 |
| | | USEPA National Recomm. WQ Criteria, water & IIsri consump. | 0.016 | ug/L ug/L | E&O | | ļļ | | | | ^ | | X | Х | - |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average (dissolved) | 150 | ug/L ug/L | IS | | ļļ | | | | | | | ^ | - |
| | CTR - IW aquatic life | | 340 | 5 | IS | + | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 1-hour average (dissolved) California Toxics Rule (USEPA), 4-day average (dissolved) | 36 | ug/L ug/L | E E | \vdash | \vdash | - | | | | 1 | | | 1 |
| | CTR - Sw aquatic file | California Toxics Rule (USEPA), 4-day average (dissolved) California Toxics Rule (USEPA), 1-hour average (dissolved) | 69 | ug/L ug/L | E | \vdash | \vdash | - | | | | 1 | | | 1 |
| | CA Ocean Plan - ag life | Aquatic Life Protection Objective, 6-month median | 8 | ug/L ug/L | 0 | \vdash | \vdash | - | | | | 1 | | | 1 |
| | CA Ocean Flan - aq ille | Aquatic Life Protection Objective, 6-month median Aquatic Life Protection Objective, daily maximum | 32 | ug/L ug/L | 0 | \vdash | \vdash | - | | | | 1 | | | 1 |
| | | Aquatic Life Protection Objective, daily maximum Aquatic Life Protection Objective, instantaneous maximum | 80 | ug/L ug/L | 0 | \vdash | \vdash | - | | | | 1 | | | 1 |
| Asbestos | Chemical Constituents | California Primary MCL | 7 | MFL | G & IS | Х | Х | | | | | | | ┼─── | 1332-21-4 |
| Ashesios | | , | | | | | ^ | ——' | <u> </u> | | | | | | 1332-21-4 |
| | Toxicity - humans | USEPA Drinking Water Health Adivisory | 7 | MFL | G | | 1 1 | | 1 | | | | | 1 | |

| | | | | | | Assessme | ent Thresho | lds Re | commended | I to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------|-------|---------------|----------|-------------|----------|-----------|--------------|--------------|--------|-----------------|--------------|-----------|
| | | Numeric Thresholds Recommended to Implement Objection | ctive or Criter | rion | G=Groundwater | | | | | | | | Bay or | Ocean | 1 |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | , | In | land Surfa | | , | Estuary | Waters | 1 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| Atrazine | | California Primary MCL | 1 | ug/L | G & IS | Х | | | Х | | | | | | 1912-24-9 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.15 | ug/L | G & IS | | Х | | | Х | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA draft National Recomm. WQ Criteria, 1-hour avg (h) | 1,500 | ug/L | IS | | | | | | Х | | | | 1 |
| | Toxicity - sw aquatic life | USEPA draft National Recomm. WQ Criteria, 30-day average | 17 | ug/L | E&O | | | | | | | | Х | Х | 1 |
| | | USEPA draft National Recomm. WQ Criteria, 1-hour average | 760 | ug/L | E&O | | | | | | | | | | |
| Barium | | California Primary MCL | 1,000 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 7440-39-3 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 2,000 | ug/L | G & IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 1,000 | ug/L | IS | | | | | | | | | | |
| Benzene | Chemical Constituents | California Primary MCL | 1 | ug/L | G & IS | Х | | | Х | | | | | | 71-43-2 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 170 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.15 | ug/L | G | | X | | | Х | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.58 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 16 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 1.2 | ug/L | IS | | | | | | X | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 71 | ug/L | IS & E | | | | | | | | X | | 1 |
| | | Human Health Protection Objective, fish consumption | 5.9 | ug/L | 0 | | | | | | | | | X | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 510 | ug/L | E&O | | | | | | | | | | 1 |
| Benz(a)anthracene | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.029 | ug/L | G | X | Х | | | | | | | | 56-55-3 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.0012 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.0013 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0044 | ug/L | IS | | | | Х | Х | Х | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 0.049 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E&O | | | | | | | | | | 1 |
| Benzo(a)pyrene | Chemical Constituents | California Primary MCL | 0.2 | ug/L | G & IS | Х | | | | | | | | | 50-32-8 |
| · // / | Toxicity - humans | California Public Health Goal for Drinking Water | 0.007 | ug/L | G | | Х | | | | | | | | 1 |
| | , | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.00012 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.00013 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0044 | ug/L | IS | | | | Х | Х | Х | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 0.049 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E&O | | | | | | | | | | 1 |
| Benzo(b)fluoranthene | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.029 | ug/L | G | Х | Х | | | | | | | | 205-99-2 |
| · / | , and the second | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.0012 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.0013 | ua/L | E&O | | | | | | | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | Х | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0044 | ug/L | IS | | | | Х | Х | Х | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 0.049 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E & O | | | | | | | 1 | 1 | | 1 |
| Benzo(k)fluoranthene | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.029 | ug/L | G | Х | Х | | | | | | | | 207-08-9 |
| - (, | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.012 | ug/L | IS | | | | | | | 1 | İ | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.013 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0044 | ug/L | IS | | | | Х | Х | Х | 1 | İ | | 1 |
| | C. C. Marriano | California Toxics Rule (USEPA) for other waters | 0.049 | ug/L | IS & E | | | | | <u> </u> | <u> </u> | 1 | Х | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | 1 | , · · · | Х | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E&O | | | <u> </u> | | | | 1 | | | 1 |

| | | | Assessment Thresholds Recommended to Pro | | | | | | | | Designated Be | enefici | al Uses in the | Water Body | i |
|-------------------------|----------------------------|-----------------------------------------------------------|------------------------------------------|-------|---------------|---------|----------|-----|---------|------------|---------------|---------|----------------|--------------|-----------|
| | | Numeric Thresholds Recommended to Implement Obje | ctive or Criteri | ion | G=Groundwater | | | | | | | | Bay or | Ocean | 1 |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | land Surfa | ce Waters | | Estuary | Waters | 1 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | | Aquatic Life | | | Aquatic Life | |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| Benzo(g,h,i)perylene | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | X | 191-24-2 |
| Beryllium | Chemical Constituents | California Primary MCL | 4 | ug/L | G & IS | Х | | | Х | | | | | | 7440-41-7 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 100 | ug/L | G & IS | | | Х | | | | Χ | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 1 | ug/L | G & IS | | Х | | | Χ | | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 0.033 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 13 | ug/L | IS | | | | · | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 0.53 | ug/L | IS | · | | | | • | X | | | | i |

| l i | | | | | | Assessme | ent Thresho | ids Re | commended | to Protect | Designated B | enefici | al Uses in the | Water Body | |
|------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------|-----------------|--------------|---------------|----------|-------------|--------|-----------|-------------|--------------|----------|----------------|------------|-----------|
| 4 | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | ion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | land Surfac | | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| alpha-BHC | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.013 | ug/L | G | Х | Х | | | | | | | | 319-84-6 |
| (alpha-Benzene hexachloride) | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.00036 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.00039 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0039 | ug/L | IS | | | | X | Х | X | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.013 | ug/L | IS & E | | | | | | | | X | | |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 0.004 | ug/L | 0 | | | | | | | | | X | |
| | 1 | Aquatic Life Protection Objective, daily maximum | 0.008 | ug/L | 0 | | | | | | | | | | |
| | <u> </u> | Aquatic Life Protection Objective, instantaneous maximum | 0.012 | ug/L | 0 | | | | | | | | | | |
| beta-BHC | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.023 | ug/L | G | Х | Х | | | | | | | | 319-85-7 |
| (beta-Benzene hexachloride) | 1 | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.008 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.014 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.014 | ug/L | IS | | | | X | Χ | X | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.046 | ug/L | IS & E | | | | | | | | Х | | |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 0.004 | ug/L | 0 | | | | | | | | | Х | |
| | | Aquatic Life Protection Objective, daily maximum | 0.008 | ug/L | 0 | | | | | | | | | | |
| | 1 | Aquatic Life Protection Objective, instantaneous maximum | 0.012 | ug/L | 0 | | | | | | | | | | |
| gamma-BHC | Chemical Constituents | California Primary MCL | 0.2 | ug/L | G & IS | Х | | | | | | | | | 58-89-9 |
| (gamma-Benzene hexachloride) | Toxicity - humans | California Public Health Goal for Drinking Water | 0.032 | ug/L | G | | Х | | | | | | | | 1 |
| (Lindane) | 1 | USEPA National Recomm. WQ Criteria, water & fish consump. | 4.2 | ug/L | IS | | | | | | | | | | 1 |
| ` ' | | USEPA National Recomm. WQ Criteria, fish consumption | 4.4 | ug/L | E&O | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 0.08 | ug/L | IS | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.019 | ug/L | IS | | | | Х | Х | Х | | | | 1 |
| | 1 | California Toxics Rule (USEPA) for other waters | 0.063 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 1-hour average | 0.95 | ua/L | IS | | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), instantaneous maximum | 0.16 | ug/L | E | | | | | | | | | | 1 |
| | | Aquatic Life Protection Objective, 6-month median | 0.004 | ug/L | 0 | | | | | | | | | Х | |
| | or coodin rian aq iii o | Aquatic Life Protection Objective, daily maximum | 0.008 | ug/L | 0 | | | | | | | | | | |
| | 1 | Aquatic Life Protection Objective, instantaneous maximum | 0.012 | ug/L | Ö | | | | | | | | | | |
| technical-BHC | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.0088 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 608-73-1 |
| (technical-Benzene hexachloride) | Toxiolty Hamano | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.0066 | ug/L | IS | | | | | | Х | | | | 000 70 1 |
| (mixture of BHC isomers) | | USEPA National Recomm. WQ Criteria, fish consumption | 0.01 | ug/L | E&O | | | | | | | | | | 1 |
| (mixtare of Brieflorinore) | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 10 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 0.034 | ug/L | E&O | | | | | | | | Х | | 1 |
| | , , | Aguatic Life Protection Objective, 6-month median | 0.004 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Ort Gocali Frian aq ilic | Aquatic Life Protection Objective, daily maximum | 0.004 | ug/L | 0 | | | | | | | | | ^ | 1 |
| | | Aquatic Life Protection Objective, daily maximum Aquatic Life Protection Objective, instantaneous maximum | 0.012 | ug/L | 0 | | | | | | | | | | 1 |
| Boron | Chemical Constituents | Water Quality for Agriculture (Ayers & Westcot) | 700 | ug/L | G & IS | | | Х | | | | Х | | | 7440-42-8 |
| Bolon | Toxicity - humans | California DPH Notification Level for drinking water | 1,000 | ug/L ug/L | G & IS | Х | Х | ^ | Х | Х | | | | | 7440-42-0 |
| Bromacil | Toxicity - humans | USEPA, OPP Drinking Water Health Advisory - non-cancer | 70 | ug/L | G & IS | X | X | | X | X | | | | | 314-40-9 |
| Bromodichloromethane | Chemical Constituents | California Primary MCL (for total trihalomethanes) | 80 | ug/L | G & IS | X | ^ | | ^ | | | | | | 75-27-4 |
| DI OTTOGIO I I OTTOGIO I I I I I I I I I I I I I I I I I I | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.27 | ug/L ug/L | G | _ ^ | Х | | | | | <u> </u> | | 1 | 13-21-4 |
| | TONICITY - HUITIAITS | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.27 | ug/L ug/L | IS | | _ ^ | | | | | | | + | ł |
| <u>'</u> | | USEPA National Recomm. WQ Criteria, water & hish consumption | 27 | ug/L ua/L | E&O | | | | | | | | | | ł |
| | | JUSEFA NATIONAL RECOMM. W.Q. CHIENA, IISH CONSUMPTION | _ Z1 | uq/L | LαU | 1 | 1 | 1 | | l | 1 | 1 | 1 | 1 | |
| | CTD humana | California Tavina Bula (LISEDA) for agurage of drinking water | 0.56 | ua/l | IC | | | 1 1 | | V | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water California Toxics Rule (USEPA) for other waters | 0.56 46 | ug/L ug/L | IS IS & E | | | | Х | Х | Х | | X | | |

| | | | | | | Assessment Thresholds Recommended to Protect Designated Beneficial Uses in the Water Body | | | | | | | | | |
|-------------------------|----------------------------|-----------------------------------------------------------|-----------------|-------|---------------|-------------------------------------------------------------------------------------------|----------|-----|---------|------------|--------------|------------|--------------|--------------|--------|
| | | Numeric Thresholds Recommended to Implement Obje | ctive or Criter | rion | G=Groundwater | | | | | | | | Bay or | Ocean | 1 |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | Inla | and Surfac | ce Waters | | Estuary | Waters | 1 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,100 | ug/L | IS | | | | | | | | | | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 640 | ug/L | E&O | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,200 | ug/L | E&O | | | | | | | | | | |

| | | | | | | Assessme | ent Thresho | olds Re | commende | d to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|--------------------------------|----------------------------|---------------------------------------------------------------|-----------------|-------|---------------|----------|-------------|---------|----------|--------------|--------------|--------|-----------------|--------------|----------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | rion | G=Groundwater | | | | | | | | Bay or | Ocean | l |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | lı | nland Surfa | | | Estuary | Waters | 1 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | | AGR | MUN-MCL | | & Consump | AGR | & Consump | & Consump | Number |
| Bromoethane (Ethyl bromide) | Tastes and Odors | Odor threshold (Amoore and Hautala) | 46 | ug/L | G & IS | X | Х | | X | Х | | | | | 74-96-4 |
| Bromoform | Chemical Constituents | California Primary MCL (for total trihalomethanes) | 80 | ug/L | G & IS | Х | | | | | | | | | 75-25-2 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 510 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | USEPA IRIS Cancer Risk Level | 4 | ug/L | G | | Χ | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 7 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 120 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 4.3 | ug/L | IS | | | | X | Х | X | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 360 | ug/L | IS & E | | | | | | | | X | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 130 | ug/L | 0 | | | | | | | | | X | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,100 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 640 | ug/L | E&O | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,200 | ug/L | E&O | | | | | | | | | | 1 |
| tert-Butyl alcohol | Tastes and Odors | Odor threshold (Amoore and Hautala) | 290,000 | ug/L | G & IS | | | | | | | | | | 75-65-0 |
| (TBA) | Toxicity - humans | California DPH Notification Level for drinking water | 12 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 1 |
| n-Butylbenzene | Toxicity - humans | California DPH Notification Level for drinking water | 260 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 104-51-8 |
| sec-Butylbenzene | Toxicity - humans | California DPH Notification Level for drinking water | 260 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 135-98-8 |
| tert-Butylbenzene | Toxicity - humans | California DPH Notification Level for drinking water | 260 | ug/L | G & IS | Х | X | | Х | X | | | | | 98-06-6 |
| Cadmium | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | Х | | | Х | | | | | | |
| | | Water Quality for Agriculture (Ayers & Westcot) | 10 | ug/L | G & IS | | | Χ | | | | Х | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.04 | ug/L | G & IS | | Х | | | Х | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved (I) | 1.1 | ug/L | IS | | | | | | Х | | | | 1 |
| | · | California Toxics Rule (USEPA), 1-hour average, dissolved (I) | 1.6 | ug/L | IS | | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved | 9.3 | ug/L | E&O | | | | | | | | Х | | 1 |
| | · | California Toxics Rule (USEPA), 1-hour average, dissolved | 42 | ug/L | E&O | | | | | | | | | | 1 |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 1 | ug/L | 0 | | | | | | | | | Х | 1 |
| | · | Aquatic Life Protection Objective, daily maximum | 4 | ug/L | 0 | | | | | | | | | | 1 |
| | | Aquatic Life Protection Objective, instantaneous maximum | 10 | ug/L | 0 | | | | | | | | | | 1 |
| Carbaryl | Toxicity - humans | USEPA, OPP Cancer Potency Factor as a drinking water level (| 40 | ug/L | G & IS | Х | Х | | X | Х | | | | | 63-25-2 |
| (Sevin) | Toxicity - fw aquatic life | USEPA National Recommended WQ Criteria, 4-day average | 2.1 | ug/L | IS | | | | | | Х | | | | 1 |
| | | USEPA National Recommended WQ Criteria, 1-hour average | 2.1 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | California Dept of Fish & Game WQ Criteria, 4-day average | 0.81 | ug/L | E&O | | | | | | | | Х | Х | 1 |
| | | California Dept of Fish & Game WQ Criteria, 1-hour average | 0.81 | ug/L | E&O | | | | | | | | | | 1 |
| Carbon tetrachloride | Chemical Constituents | California Primary MCL | 0.5 | ug/L | G & IS | Х | | | | | | | | | 56-23-5 |
| | Tastes and Odors | Taste & Odor Threshold (USEPA) | 520 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.1 | ug/L | G | | Х | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.4 | ug/L | IS | | | | | | | | | | l . |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 5 | ug/L | E&O | | | | | | | | | | 1 |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 0.25 | ug/L | IS | | | | Х | Х | Х | | | | l . |
| | | National Toxics Rule (USEPA) for other waters | 4.4 | ug/L | IS & E | | | | | | | | Х | | l . |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 0.9 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 3,520 | ug/L | IS | | | | | | | | | | l . |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 640 | ug/L | E&O | | | | | | | | | | l . |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 5,000 | ug/L | E&O | 1 | | | | | | | | | 1 |

| | | | | | | Assessme | ent Thresho | olds Re | commende | d to Protect | Designated E | Benefic | ial Uses in the | : Water Body | |
|-------------------------|----------------------------|--------------------------------------------------------------|-----------------|--------------|---------------|----------|-------------|---------|----------|--------------|--------------|---------|-----------------|--------------|-----------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | rion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | • | I | nland Surfa | | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| Chlordane | Chemical Constituents | California Primary MCL | 0.1 | ug/L | G & IS | Х | ., | | | | | | | | 57-74-9 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.03 | ug/L | G | | Х | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.00031 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.00032 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00057 | ug/L | IS | | | | X | Х | X | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.00059 | ug/L | IS & E | | | | | | | | | | 1 |
| | | Human Health Protection Objective, fish consumption | 0.000023 | ug/L | 0 | | | | | | | | | Х | |
| | NTR/CTR - fw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.0043 | ug/L | IS | | | | | | | | | | |
| | | California Toxics Rule (USEPA), instantaneous maximum | 2.4 | ug/L | IS | | | | | | | | | | |
| | NTR/CTR - sw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.004 | ug/L | E | | | | | | | | X | | |
| | | California Toxics Rule (USEPA), instantaneous maximum | 0.09 | ug/L | E | | | | | | | | | | |
| | Toxicity - sw aquatic life | | 0.004 | ug/L | E&O | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, 1-hour average | 0.09 | ug/L | E&O | | | | | | | | | | |
| Chloride | Chemical Constituents | California Secondary MCL, recommended level | 250,000 | ug/L | G & IS | X | Х | | Х | X | | | | | 16887-00- |
| | | California Secondary MCL, upper level | 500,000 | ug/L | G & IS | | | | | | | | | | |
| | | Water Quality for Agriculture (Ayers & Westcot) | 106,000 | ug/L | G & IS | | | Х | | | | X | | | |
| | Tastes and Odors | California Secondary MCL | 250,000 | ug/L | G & IS | | | | | | | | | | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 230,000 | ug/L | IS | | | | | | Х | | | | |
| | | USEPA National Recomm. WQ Criteria, 1-hour average | 860,000 | ug/L | IS | | | | | | | | | | |
| Chlorobenzene | Chemical Constituents | California Primary MCL | 70 | ug/L | G & IS | | | | | | | | | | 108-90-7 |
| | Tastes and Odors | USEPA National Recomm. WQ Criteria, taste & odor | 20 | ug/L | G & IS | Х | Х | | Χ | Х | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 70 | ug/L | G | | | | | | | | | | |
| | • | USEPA National Recomm. WQ Criteria, water & fish consump. | 100 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 800 | ug/L | E&O | | | | | | | | | | |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 680 | ug/L | IS | | | | | | | | | | 1 |
| | | National Toxics Rule (USEPA) for other waters | 21,000 | ug/L | IS & E | | | | | | | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 570 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - fw aquatic life | , , | 25 | ug/L | IS | | | | | | Х | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 12.9 | ug/L | E&O | | | | | | | | Х | | |
| | i ' | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 16 | ug/L | E&O | | | | | | | | | | 1 |
| Chloroethane | Tastes and Odors | Odor threshold (Amoore and Hautala) | 16 | ug/L | G & IS | | | | | | | | | | 75-00-3 |
| (Ethyl Chloride) | Toxicy - humans | Prop. 65 No-Significant Risk Level adjusted to 10(-6) risk | 7.5 | ug/L | G & IS | Х | Х | | Х | Х | | | | | |
| Chloroform | Chemical Constituents | California Primary MCL (total trihalomethanes) | 80 | ug/L | G & IS | Х | | | | | | | | | 67-66-3 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 2,400 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 1.1 | ug/L | G & IS | | Х | 1 | | Х | | | | | |
| | r somethy manner | USEPA National Recomm. WQ Criteria, water & fish consump. | 60 | ug/L | IS | | | | Х | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 2,000 | ug/L | E&O | | | | | | | | Х | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 130 | ug/L | 0 | | | 1 | | | 1 | 1 | | Х | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 124 | ug/L ug/L | IS | 1 | | 1 | | | Х | + | | | 1 |
| | Toxiony Tw aquatio inc | USEPA National Recomm. WQ Criteria, criterio tox info / 10 | 2,890 | ug/L | IS | 1 | | 1 | | | | | | | 1 |
| | Toxicity - sw aquatic life | | 640 | ug/L ug/L | E&O | | <u> </u> | 1 | | + | 1 | 1 | | 1 | 1 |
| | Toxiony - Sw aquatio life | USEPA National Recomm. WQ Criteria, criterio tox info / 10 | 1,200 | ug/L ug/L | E&O | | | 1 | | + | 1 | + | | <u> </u> | 1 |
| Chloromethane | Toxicity - humans | COL. T. Iddonar Recomm. Tr & Oriena, dode tox mio/ 10 | 1,200 | 49/L | | | | + | | + | 1 | + | | <u> </u> | 74-87-3 |
| (Methyl chloride) | | Human Health Protection Objective, fish consumption | 130 | ug/L | 0 | 1 | - | 1 | | 1 | | 1 | + | X | 14-01-3 |
| (ivietriyi Griiofide) | | , , | 1,100 | ug/L ug/L | IS | | - | - | | 1 | X | + | | _ ^ | 1 |
| | Toxicity - Iw aquatic life | , | 640 | ug/L ug/L | E&O | 1 | 1 | 1 | | 1 | _ ^ | 1 | | 1 | 4 |

| | | | | | | Assessme | nt Thresho | lds Red | commended | to Protect | Designated Be | enefici | al Uses in the | Water Body | |
|-------------------------|-----------------------|---------------------------------------------------------|------------------------------------------------------------------------|-------|--------------|----------|------------|---------|-----------|-------------|---------------|---------|----------------|--------------|--------|
| | | Numeric Thresholds Recommended to Implement Obje | Numeric Thresholds Recommended to Implement Objective or Criterion G=C | | | | | | | | | | Bay or | Ocean | 4 |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | nland Surfa | ce Waters | | Estuary | Waters | 4 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,200 | ug/L | E&O | | | | | | | | | | |

| | | | | | | Assessme | ent Thresho | olds Re | commended | d to Protect | Designated B | enefici | ial Uses in the | Water Body | |
|-------------------------|----------------------------|------------------------------------------------------------------------------------------------------------|-----------------|--------------|---------------|--------------------------------------------------|--------------------------------------------------|--------------|-----------|--------------|--------------|----------|-----------------|--------------|------------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | ion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | lı | nland Surfa | | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | | AGR | MUN-MCL | | & Consump | AGR | & Consump | & Consump | • |
| Chlorpyrifos | Toxicity - humans | USEPA, OPP Drinking Water Health Advisory - non-cancer | 2 | ug/L | G & IS | Х | X | | X | Х | | | | | 2921-88-2 |
| | Toxicity - fw aquatic life | California Dept of Fish & Game WQ Criteria, 4-day average (s) | 0.014 | ug/L | IS | | | | | | X | | | | |
| | | California Dept of Fish & Game WQ Criteria, 1-hour average (s) | 0.02 | ug/L | IS | | | | | | | | | | |
| | Toxicity - sw aquatic life | California Dept of Fish & Game WQ Criteria, 4-day average | 0.009 | ug/L | E&O | | | | | | | | X | X | |
| | | California Dept of Fish & Game WQ Criteria, 1-hour average | 0.02 | ug/L | E&O | | | | | | | | | | |
| Chromium (III) | Chemical Constituents | California Primary MCL (total chromium) | 50 | ug/L | G & IS | X | Х | | X | X | | | | | 16065-83-1 |
| | Toxicity - humans | USEPA IRIS Reference Dose (c) | 10,500 | ug/L | G & IS | | | | | | | | | | |
| | NTR - fw aquatic life | National Toxics Rule (USEPA), 4-day average, dissolved (I) | 84 | ug/L | IS | | | | | | X | | | | |
| | | National Toxics Rule (USEPA), 1-hour average, dissolved (I) | 260 | ug/L | IS | | | | | | | | | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 190,000 | ug/L | 0 | | | | | | | | | | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,030 | ug/L | E&O | | | | | | | | X | X | |
| Chromium (VI) | Chemical Constituents | California Primary MCL | 10 | ug/L | G & IS | Х | | | Χ | | | | | | 18540-29-9 |
| ` ' | | Water Quality for Agriculture (Ayers & Westcot) | 100 | ug/L | G & IS | | | Х | | | | Х | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.02 | ug/L | G & IS | | Х | | | Х | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average (dissolved) | 11 | ug/L | IS | | | | | | Х | | | | 1 |
| | | California Toxics Rule (USEPA), 1-hour average (dissolved) | 16 | ug/L | IS | | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average (dissolved) | 50 | ug/L | Е | | | | | | | | Х | | 1 |
| | · · | California Toxics Rule (USEPA), 1-hour average (dissolved) | 1100 | ug/L | Е | | | | | | | | | | 1 |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 2 | ug/L | 0 | | | | | | | | | Х | 1 |
| | | Aquatic Life Protection Objective, daily maximum | 8 | ug/L | 0 | | | | | | | | | | |
| | | Aquatic Life Protection Objective, instantaneous maximum | 20 | ug/L | 0 | | | | | | | | | | 1 |
| Chrysene | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.29 | ug/L | G | Х | Х | 1 | | | | | | | 218-01-9 |
| S, 955 | r sameny mamane | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.12 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.13 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0044 | ug/L | IS | | | | Х | Х | Х | | | | 1 |
| | OTT Hamans | California Toxics Rule (USEPA) for other waters | 0.049 | ug/L | IS & E | 1 | | | | | | | Х | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | 1 | | | | | | | , | X | 1 |
| | Toxicity - sw aquatic life | | 30 | ug/L | E&O | 1 | | | | | | | | | 1 |
| Cobalt | Chemical Constituents | Water Quality for Agriculture (Ayers & Westcot) | 50 | ug/L | G & IS | 1 | | X | | | | Х | | | 7440-48-4 |
| Copper | Chemical Constituents | California Primary MCL | 1,300 | ug/L | G & IS | 1 | | + | | | | | | | 7440-50-8 |
| Соррог | Chomical Conditionic | California Secondary MCL | 1,000 | ug/L | G & IS | Х | | | Х | Х | | | | | 1 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 200 | ug/L | G & IS | | | Х | | , | | Х | | | 1 |
| | Tastes and Odors | California Secondary MCL & USEPA Nat. Rec. WQ Criteria | 1,000 | ug/L | G & IS | 1 | | - ^ - | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 300 | ug/L | G | | Х | | | | <u> </u> | | | | ╡ |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 1300 | ug/L | IS | | | 1 | | | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved (I) | 4.1 | ug/L | IS | | | 1 | | | Х | | | | 1 |
| | OTT TW aquationie | California Toxics Rule (USEPA), 1-hour average, dissolved (I) | 5.7 | ug/L ug/L | IS | 1 | <u> </u> | 1 | | | | 1 | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 1-flour average, dissolved (i) | 3.1 | ug/L ug/L | E | | | 1 | | | <u> </u> | 1 | Х | | 1 |
| | OTIX - Sw aquatic file | California Toxics Rule (USEPA), 1-hour average, dissolved | 4.8 | ug/L ug/L | E | 1 | - | + | | | 1 | | ^ | | ┪ |
| | CA Ocean Plan - ag life | | 3 | ug/L ug/L | 0 | 1 | | 1 | | 1 | 1 | <u> </u> | | X | 1 |
| | CA Ocean Flan - aq ille | Aquatic Life Protection Objective, 6-month median Aquatic Life Protection Objective, daily maximum | 12 | ug/L ug/L | 0 | 1 | - | 1 | | | | | | _ ^ | 1 |
| | | Aquatic Life Protection Objective, daily maximum Aquatic Life Protection Objective, instantaneous maximum | 30 | ug/L ug/L | 0 | | | | | | - | | | | 1 |
| Cumene | Tastes and Odors | Odor threshold (Amoore and Hautala) | 0.8 | ug/L ug/L | G & IS | Х | X | | Х | X | | - | | | 98-82-8 |
| | | | | | | | | | | | | | | | |

| | | | | | | Assessme | ent Thresholds R | ecommended | d to Protect | Designated B | Benefici | al Uses in the | Water Body | |
|------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------|-----------------|--------------|---------------|-----------------|------------------|------------|--------------|--------------|----------|--------------------------------------------------|--------------------------------------------------|---------|
| | | Numeric Thresholds Recommended to Implement Obje | ctive or Criter | ion | G=Groundwater | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | li | nland Surfa | ce Waters | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | MUN- | Aquatic Life | | Aquatic Life | | CAS |
| (Synonym) | Promulgated Criterion | | Threshold | Units | | MUN-MCL | Toxicity AGF | R MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Numbe |
| Cyanide | Chemical Constituents | California Primary MCL | 150 | ug/L | G & IS | X | X | X | X | | | 1 | | 57-12-5 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 170 | ug/L | G & IS | | | | | | | ĺ | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 150 | ug/L | G | | | | | | | ĺ | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 4 | ug/L | IS | | | | | | | ĺ | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 400 | ug/L | E&O | | | | | | | ĺ | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 700 | ug/L | IS | | | | | | | Í | | |
| | | California Toxics Rule (USEPA) for other waters | 220000 | ug/L | IS & E | | | | | | | Í | | |
| | NTR - fw aquatic life | National Toxics Rule (USEPA), 4-day average, total | 5.2 | ug/L | IS | | | | | Х | | ĺ | | |
| | ' | National Toxics Rule (USEPA), 1-hour average, total | 22 | ua/L | IS | | | | | | | ĺ | | 1 |
| | NTR - sw aquatic life | National Toxics Rule (USEPA), 4-day average, total | 1 | ug/L | E | | | | | | | Х | | |
| | Trire on aquationio | National Toxics Rule (USEPA), 1-hour average, total | 1 | ug/L | E | | | | | | | | | 1 |
| | CA Ocean Plan - ag life | \ | 1 1 | ug/L | 0 | | | | | | | ſ | X | 1 |
| | OA Occan i ian - aq iiic | Aquatic Life Protection Objective, daily maximum | 4 | ug/L ug/L | 0 | | | | | - | | 1 | ^ | |
| | | Aquatic Life Protection Objective, daily maximum Aquatic Life Protection Objective, instantaneous maximum | 10 | ug/L ug/L | 0 | | | | | | | | | |
| 2,4-D | Chemical Constituents | California Primary MCL | 70 | ug/L | G & IS | Х | | Х | | | | | | 94-75-7 |
| 2,4-D | Toxicity - humans | California Primary MCL California Public Health Goal for Drinking Water | 20 | ug/L ug/L | G & IS | ^ | Х | _ ^ | Х | | | | ļ | 94-75-7 |
| (2.4 Dishlerenherens recetic acid) | Toxicity - numaris | USEPA National Recomm. WQ Criteria, water & fish consump. | 1,300 | | IS | | ^ | - | ^ | | | | ļ | |
| (2,4-Dichlorophenoxyacetic acid) | | USEPA National Recomm. WQ Criteria, water & itsn consump. | 12,000 | ug/L ug/L | E & O | | | | | Х | | Х | Х | |
| | 01 : 10 ::: 1 | | , | | | | | | | | | | ^_ | 75.00 |
| Dalapon | Chemical Constituents | California Primary MCL | 200 | ug/L | G & IS | Х | X | X | Х | | | | ļ! | 75-99-0 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 790 | ug/L | G & IS | | | | | | | | ļ | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, instantaneous max | 110 | ug/L | IS | | | | | Х | | | | |
| DDD | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.15 | ug/L | G | X | Х | | | | | | ļ | 72-54-8 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.00012 | ug/L | IS | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.00012 | ug/L | E&O | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00083 | ug/L | IS | | | X | Х | | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.00084 | ug/L | IS & E | | | | | X | | X | | |
| | CA Ocean Plan - human | s Human Health Protection Objective, fish consumption (m) | 0.00017 | ug/L | 0 | | | | | | | <u> </u> | X | |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 0.06 | ug/L | IS | | | | | | | <u> </u> | | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 0.36 | ug/L | E&O | | | | | | | 1 | | |
| DDE | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.1 | ug/L | G | Х | X | | | | | ĺ | | 72-55-9 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.000018 | ug/L | IS | | | | | | | ĺ | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.000018 | ug/L | E&O | | | | | | | ĺ | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00059 | ug/L | IS | | | Х | Х | Х | | 1 | | |
| | | California Toxics Rule (USEPA) for other waters | 0.00059 | ug/L | IS & E | | | | | | | Х | | 1 |
| | CA Ocean Plan - human | Human Health Protection Objective, fish consumption (m) | 0.00017 | ug/L | 0 | | | | | | | ĺ | Х | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 105 | ug/L | IS | | | | | | | Í | | |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1.4 | ug/L | E&O | | | | | | | ĺ | | |
| DDT | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.1 | ua/L | G | Х | Х | | | | | | | 50-29-3 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.000030 | ug/L | IS | - ^` | | 1 | | | | 1 | | 1 33.23 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.000030 | ug/L | E&O | | | | | | | [| | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00059 | ug/L ug/L | IS | | | X | Х | Х | 1 | | | 1 |
| | OTT Humans | California Toxics Rule (USEPA) for other waters | 0.00059 | ug/L | IS & E | | | | | | + | Х | | 1 |
| | CA Ocean Plan, human | s Human Health Protection Objective, fish consumption (m) | 0.00039 | ug/L ug/L | 0 | | | + | <u> </u> | | + | | Х | 1 |
| | CTR/NTR - fw ag life | National Toxics Rule (USEPA), 4-day average, total | 0.00017 | ug/L ua/L | IS | | | + | | 1 | + | | | 1 |
| | CIR/INIR - IW aq IIIe | California Toxics Rule (USEPA), 4-day average, total | 1.1 | ug/L ug/L | IS IS | | | + | | | + | | | 1 |
| C | | | | | | | | | | | | | | |

| | | | | | Assessme | nt Thresho | lds Re | commended | to Protect | Designated Be | enefici | ial Uses in the | Water Body | | |
|-------------------------|----------------------------|----------------------------------------------------------------|-----------------|-------|---------------|------------|----------|-----------|------------|---------------|--------------|-----------------|--------------|--------------|---------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | rion | G=Groundwater | | | | | | | | Bay or | Ocean | i |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | Inl | and Surfa | ce Waters | | Estuary | Waters | ı |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| | | California Toxics Rule (USEPA), instantaneous maximum | 0.13 | ug/L | E | | | | | | | | | | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 0.001 | ug/L | E&O | | | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, instantaneous max | 0.13 | ug/L | E&O | | | | | | | | | | ı |
| Diazinon | Toxicity - humans | California DPH Notification Level for drinking water | 1.2 | ug/L | G & IS | Х | Χ | | Х | Χ | | | | | 50-29-3 |
| | Toxicity - fw aquatic life | California Dept of Fish & Game WQ Criteria, 4-day average (t) | 0.1 | ug/L | IS | | | | | | X | | | | i |
| | | California Dept of Fish & Game WQ Criteria, 1-hour average (t) | 0.16 | ug/L | IS | | | | | | | | | | i |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average, draft | 0.82 | ug/L | E&O | | | | | | | | Х | Х | i |
| | | USEPA National Recomm. WQ Criteria, 1-hour average, draft | 0.82 | ug/L | E & O | | | | | | | | | | ı |

| | | | | | | Assessme | ent Thresho | olds Re | commended | to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|-----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------|----------------|--------------|-------------------------------|----------|--------------------------------------------------|----------|---------------------------------------|-------------|--------------------------------------------------|--------------------------------------------------|-------------------|-----------------|---------|
| | Water Quality | Numeric Thresholds Recommended to Implement Object | ctive or Crite | rion | G=Groundwater IS=Inland SW | Gro | oundwater | | In | land Surfac | re Waters | | Bay or Estuary | Ocean Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | Gio | MUN- | | | MUN- | Aquatic Life | | , | Aquatic Life | CAS |
| (Svnonvm) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | _ | AGR | MUN-MCL | _ | | | & Consump | | Numbe |
| Dibenz(a,h)anthracene | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.0085 | ua/L | G | X | X | 1 | WOIT WICE | Toxioity | - Concamp | 7.0.1 | - Concamp | - Conoding | 53-70- |
| Diberiz(a,rr)antinacene | TOXICITY - Humans | USEPA National Recomm. WQ Criteria. water & fish consump. | 0.0003 | ug/L | IS | ^_ | | 1 | | | | | | | 33-70- |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.00012 | ug/L | E&O | | | 1 | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0044 | ug/L | IS | | | | Х | Х | Х | | | | |
| | OTT - Humans | California Toxics Rule (USEPA) for other waters | 0.049 | ug/L | IS & E | | | | | Λ | | | Х | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0048 | ug/L | 0 | | | | | | | | | X | |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E&O | | | | | | | | | | |
| Dibromochloromethane | Chemical Constituents | California Primary MCL (total trihalomethanes) | 80 | ug/L | G & IS | Х | | 1 | | | | | | | 124-48 |
| | Toxicity - humans | USEPA IRIS Cancer Risk Level | 0.4 | ug/L ug/L | G | ^ | X | | | | | | | | 124-40- |
| 1 | Toxicity - Humans | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.4 | ug/L ug/L | IS | | _ ^ | | | | | | | | |
| ı | | USEPA National Recomm. WQ Criteria, water & lish consumption | 21 | ug/L ug/L | E&O | | | | | | | | | | |
| ı | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.41 | ug/L ug/L | IS | | | + | Х | X | Х | | | | 1 |
| | OTA - Humans | California Toxics Rule (USEPA) for sources of drinking water California Toxics Rule (USEPA) for other waters | 34 | ug/L ug/L | IS & E | 1 | | + | ^ | ^ | | 1 | Х | 1 | 1 |
| | CA Occan Plan, humana | Human Health Protection Objective, fish consumption | 8.6 | ug/L ug/L | 0 | | | | | | | | | Х | |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,100 | ug/L ug/L | IS | | | 1 | | | | 1 | | ^ | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 640 | ug/L ug/L | E&O | | | 1 | | | | 1 | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, critoric tox info / 10 | 1,200 | ug/L ug/L | E&O | | | 1 | | | | | | | |
| 1,2-Dibromo-3-chloropropane | Chemical Constituents | California Primary MCL | 0.2 | ug/L | G & IS | Х | | 1 | Х | | | | | | 96-12 |
| | Tastes and Odors | Taste & Odor Threshold (USEPA) | 10 | ug/L ug/L | G & IS | ^ | | | ^ | | | | | | 90-12 |
| (DBCP) | Toxicity - humans | California Public Health Goal for Drinking Water | 0.0017 | ug/L ug/L | G & IS | | Х | | | Х | | | | | |
| Dicamba | Toxicity - humans | USEPA, OPP Drinking Water Health Advisory - non-cancer | 4000 | ug/L ug/L | G & IS | X | X | | Х | X | | | | | 1918-0 |
| Dicarriba | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, instantaneous max | 200 | ug/L ug/L | IS | ^ | ^ | | ^ | ^ | X | | | | 1910-00 |
| 1.2-Dibromoethane | Chemical Constituents | California Primary MCL | 0.05 | | G & IS | Х | | 1 | Х | | ^ | | | | 106-93 |
| (Ethylene dibromide; EDB) | Toxicity - humans | California Primary MCL California Public Health Goal for Drinking Water | 0.05 | ug/L ug/L | G & IS | ^ | X | | | Х | | | | | 100-93 |
| 1.2-Dichlorobenzene | Chemical Constituents | California Primary MCL | | 0 | G & IS | | ^ | 1 | | ^ | | | | | 05.50 |
| 1,2-Dichlorobenzene | | Odor threshold (Amoore and Hautala) | 600 24 | ug/L | G & IS | Х | Х | | · · · · · · · · · · · · · · · · · · · | V | | | | | 95-50- |
| ı | Tastes and Odors | , | 600 | ug/L | | ^ | | | Х | X | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water USEPA National Recomm. WQ Criteria, water & fish consump. | 1,000 | ug/L ug/L | G IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & itsn consumpt. USEPA National Recomm. WQ Criteria, fish consumption | 3,000 | | E & O | | - | - | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 2,700 | ug/L ug/L | IS | | - | - | | | | | | | |
| | CTR - Humans | California Toxics Rule (USEPA) for other waters | 17,000 | | IS & E | | - | - | | | | | | | |
| | CA Ossan Blan, humana | Human Health Protection Objective, fish consumption | 5.100 | ug/L | 0 | | - | - | | | | | | | |
| | | USEPA National Recomm. WQ Criteria. chronic tox info / 10 | 76 | ug/L ug/L | IS | | - | - | | | X | | | | |
| | Toxicity - Iw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 112 | ug/L ug/L | IS | | - | - | | | | | | | |
| | Taviaite au au au atia lifa | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 13 | J. | E & O | | | | | | | | Х | Х | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 197 | ug/L ug/L | E&O | | | | | | | | ^ | | |
| 1.3-Dichlorobenzene | Tootoo and Odere | California DPH Archived Advisory Level for drinking water | | | G & IS | X | X | | | | - | | 1 | | 541-73 |
| ויס-טוכחוטוסpenzene | Tastes and Odors | California DPH Archived Advisory Level for drinking water California DPH Notification Level for drinking water | 20 600 | ug/L | | X | X | + | | | - | 1 | | | 541-73 |
| | Toxicity - humans | USEPA National Recomm. WQ Criteria, water & fish consump. | 600 7 | ug/L | G IS | | - | + | | | - | | - | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consumption | | ug/L | | | | - | | | | | | + | |
| | CTD humana | , | 10 | ug/L | E & O | | _ | + | V | V | - | | - | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 400 | ug/L | IS | | - | - | Х | Х | 1 | 1 | | | |
| | CA Ossan Distriction | California Toxics Rule (USEPA) for other waters | 2,600 | ug/L | IS & E | <u> </u> | | - | | | | 1 | 1 | | ł |
| | | Human Health Protection Objective, fish consumption | 5,100 | ug/L | O IS | . | - | 1 | | | | | | | ł |
| | l oxicity - IW aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 USEPA National Recomm. WQ Criteria, acute tox info / 10 | 76.3 112 | ug/L ug/L | IS | | | - | | | Х | | | 1 | |
| | | | | | | | | | | | | | | | |

| | | | | | | Assessme | nt Thresho | lds Red | commended | to Protect | Designated Be | enefici | al Uses in the | Water Body | |
|-------------------------|-----------------------|---------------------------------------------------------|----------------|-------|---------------|----------|------------|---------|-----------|-------------|---------------|---------|----------------|--------------|--------|
| | | Numeric Thresholds Recommended to Implement Obje | ctive or Crite | rion | G=Groundwater | | | | | | | | Bay or | Ocean | 4 |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | nland Surfa | ce Waters | | Estuary | Waters | 4 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 197 | ug/L | E&O | | | | | | | | | | |

| | | | | | | Assessme | ent Thresho | olds Re | commended | to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|--------------------------|----------------------------|--------------------------------------------------------------|----------------|-------|---------------|----------|-------------|---------|-----------|-------------|--------------|--------|-----------------|--------------|----------|
| | | Numeric Thresholds Recommended to Implement Object | tive or Criter | rion | G=Groundwater | | | | | | | | Bay or | Ocean | 1 |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | Ir | nland Surfa | | | Estuary | Waters | 1 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | | AGR | MUN-MCL | | & Consump | AGR | & Consump | & Consump | Number |
| 1,4-Dichlorobenzene | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | Х | X | | Х | X | | | | | 106-46-7 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 11 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 6 | ug/L | G | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 300 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 900 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 400 | ug/L | IS | | | | | | | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 2,600 | ug/L | IS & E | | | | | | | | | | 1 |
| | | Human Health Protection Objective, fish consumption | 5,100 | ug/L | 0 | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 76.3 | ug/L | IS | | | | | | X | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 112 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 12.9 | ug/L | E&O | | | | | | | | X | X | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 197 | ug/L | E&O | | | | | | | | | | <u> </u> |
| Dichlorodifluoromethane | Toxicity - humans | California DPH Notification Level for drinking water | 1,000 | ug/L | G & IS | X | Х | | | | | | | | 75-71-8 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.19 | ug/L | IS | | | | X | Х | X | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,100 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 640 | ug/L | E&O | | | | | | | | X | X | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,200 | ug/L | E&O | | | | | | | | | | <u> </u> |
| 1,1-Dichloroethane | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | X | | | X | | | | | | 75-34-3 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 3 | ug/L | G & IS | | Х | | | Х | | | | | <u> </u> |
| 1,2-Dichloroethane | Chemical Constituents | California Primary MCL | 0.5 | ug/L | G & IS | Х | | | | | | | | | 107-06-2 |
| (Ethylene dichloride) | Tastes and Odors | Odor threshold (Amoore and Hautala) | 7,000 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.4 | ug/L | G | | Х | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 9.9 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 650 | ug/L | E&O | | | | | | | | | | 1 |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 0.38 | ug/L | IS | | | | X | Х | X | | | | 1 |
| | | National Toxics Rule (USEPA) for other waters | 99 | ug/L | IS & E | | | | | | | | X | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 28 | ug/L | 0 | | | | | | | | | X | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 2,000 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 11,800 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 11,300 | ug/L | E&O | | | | | | | | | | <u> </u> |
| 1,1-Dichloroethylene | Chemical Constituents | California Primary MCL | 6 | ug/L | G & IS | Х | Х | | | | | | | | 75-35-4 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 1500 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 10 | ug/L | G | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 300 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 20,000 | ug/L | E&O | | | | | | | | | | 1 |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 0.057 | ug/L | IS | | | | X | Х | X | | | | 1 |
| | | National Toxics Rule (USEPA) for other waters | 3.2 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 0.9 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,160 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 22,400 | ug/L | E&O | | | | | | | | | | <u></u> |
| cis-1,2-Dichloroethylene | Chemical Constituents | California Primary MCL | 6 | ug/L | G & IS | Х | X | | Χ | | | | | | 156-59-2 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 100 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,160 | ug/L | IS | | | | | | Х | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 22,400 | ug/L | E&O | | | | | | | | X | X | 1 |

| | | | | | | Assessme | ent Thresho | lds Re | commended | to Protect | Designated B | enefici | ial Uses in the | Water Body | · |
|---------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------|----------------|--------------|---------------|-------------|-------------|----------|-------------|------------|--------------|---------|-----------------|------------|----------|
| | | Numeric Thresholds Recommended to Implement Obje | ctive or Crite | rion | G=Groundwater | | | | | | | | Bay or | Ocean | I |
| , | Water Quality | | | | IS=Inland SW | Gro | undwater | 1 | Ir | land Surfa | | 1 | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | 1.1 | E=EB/Estuary | NALINI NACI | MUN- | 400 | NALINI NACI | | Aquatic Life | | Aquatic Life | | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | | AGR | MUN-MCL | | & Consump | AGR | & Consump | & Consump | Number |
| trans-1,2-Dichloroethylene | | California Primary MCL | 10 | ug/L | G & IS | Х | Х | | X | Х | | | | | 156-60-5 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 260 | ug/L | G & IS | | | | | | | | | | i |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 60 | ug/L | G | | | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 100 | ug/L | IS | | | | | | | | | | i |
| | CTR - humans | USEPA National Recomm. WQ Criteria, fish consumption California Toxics Rule (USEPA) for sources of drinking water | 4,000 700 | ug/L ug/L | E&O IS | | | | | | | | | Х | i |
| | CTK - Humans | , , | 140,000 | ug/L ug/L | IS & E | | | | | | | | V | | i |
| | Toxicity - fw aquatic life | California Toxics Rule (USEPA) for other waters USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,160 | ug/L ug/L | IS & E | | | | | | X | | Х | | i |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 22,400 | ug/L ug/L | E&O | | | | | | | | | | i |
| Dichloromethane | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | Х | | | | | | | | | 75-09-2 |
| (Methylene chloride) | Tastes and Odors | Odor threshold (Amoore and Hautala) | 9.100 | ug/L ug/L | G & IS | ^ | | | | | | | | | 75-09-2 |
| (Metriylerie Chloride) | Toxicity - humans | California Public Health Goal for Drinking Water | 9,100 | ug/L ug/L | G | | X | | | | | | | | i |
| | Toxicity - Humans | USEPA National Recomm. WQ Criteria, water & fish consump. | 20 | ug/L ug/L | IS | | ^ | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, water & rish consumption | 1,000 | ug/L ug/L | E&O | | | | | | | | | | i |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 4.7 | ug/L ug/L | IS | | | | Х | Х | | | | | i |
| | CTX - Humans | California Toxics Rule (USEPA) for other waters | 1,600 | ug/L ug/L | IS & E | | | | ^ | | | | Х | | i |
| 1 | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 450 | ug/L | 0 | | | | | | | | | Х | i |
| | | USEPA National Recomm. WQ Criteria. acute tox info / 10 | 1,100 | ug/L | IS | | | | | | Х | | | ^ | i |
| | , , | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 640 | ug/L | E&O | | | | | | | | | | i |
| | Toxiony Sw aquatio inc | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,200 | ug/L | E&O | | | | | | | | | | i |
| 2,4-Dichlorophenoxybutyric acid | Toxicity - humans | USEPA IRIS Reference Dose (c) | 56 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 94-82-6 |
| (2,4-DB) | . exiterly mamaine | (6) | | ~g/ = | 0 4.0 | | | | , | , , | | | | | 1 |
| 1,2-Dichloropropane | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | Х | | | | | | | | | 78-87-5 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 10 | ug/L | G & IS | | | | | | | | | | i |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.5 | ug/L | G | | Χ | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.9 | ug/L | IS | | | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 31 | ug/L | E&O | | | | | | | | | X | i |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.52 | ug/L | IS | | | | X | Х | X | | | | i |
| | | California Toxics Rule (USEPA) for other waters | 39 | ug/L | IS & E | | | | | | | | X | | i |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 570 | ug/L | IS | | | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 2,300 | ug/L | IS | | | | | | | | | | i |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 304 | ug/L | E&O | | | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,030 | ug/L | E&O | | | | | | | | | | |
| 1,3-Dichloropropene | Chemical Constituents | California Primary MCL | 0.5 | ug/L | G & IS | Х | | | X | Х | | | | | 542-75-6 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.2 | ug/L | G | | Х | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.27 | ug/L | IS | | | | | | | | | | i |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 12 | ug/L | E&O | | | ļ | | | | | | | i |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 10 | ug/L | IS | | | <u> </u> | | | | | | | i |
| | | California Toxics Rule (USEPA) for other waters | 1,700 | ug/L | IS & E | | | | | | | | ļ | | i |
| | | Human Health Protection Objective, fish consumption | 8.9 | ug/L | 0 | | | <u> </u> | | | | | | Х | i |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 24.4 | ug/L | IS | | | ļ | | | Х | | | | i |
| 1 | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 606 | ug/L | IS | | | | | | | | ļ | | i |
| | I oxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 79 | ug/L | E&O | | | 1 | | | | | X | | <u> </u> |

| | | | | | | Assessme | nt Thresho | olds Re | commended | to Protect | t Designated B | enefici | al Uses in the | Water Body | |
|---------------------------------------------------|----------------------------|--------------------------------------------------------------|-----------------|-------|---------------|----------|------------|---------|-----------|------------|----------------|---------|----------------|--------------|------------|
| | | Numeric Thresholds Recommended to Implement Objection | ctive or Criter | ion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | Ir | land Surfa | ace Waters | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| Dieldrin | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.0022 | ug/L | G | X | Χ | | | | | | | | 94-82-6 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 1.2E-06 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 1.2E-06 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00014 | ug/L | IS | | | | X | X | X | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.00014 | ug/L | IS & E | | | | | | | | X | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 0.00004 | ug/L | 0 | | | | | | | | | X | |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average | 0.056 | ug/L | IS | | | | | | | | | | |
| | | California Toxics Rule (USEPA), 1-hour average | 0.24 | ug/L | IS | | | | | | | | | | |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average | 0.0019 | ug/L | Е | | | | | | | | | | |
| | · | California Toxics Rule (USEPA), instantaneous maximum | 0.71 | ug/L | Е | | | | | | | | | | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 0.0019 | ug/L | E&O | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, instantaneous max | 0.71 | ug/L | E&O | | | | | | | | | | |
| Diesel | Tastes and Odors | Taste & odor threshold (USEPA Health Advisory) | 100 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 68476-34-6 |
| (TPH-d) | Toxicity - humans | USEPA Superfund Provisional Reference Dose (c) | 56 to 140 | ug/L | G & IS | | | | | | | | | | |
| Di(2-ethylhexyl)phthalate | Chemical Constituents | California Primary MCL | 4 | ua/L | G & IS | Х | Х | | | | | | | | 117-81-7 |
| (Bis(2-ethylhexyl)phthalate) | Toxicity - humans | California Public Health Goal for Drinking Water | 12 | ua/L | G | | | | | | | | | | |
| (DEHP) | , | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.32 | ug/L | IS | | | | | | | | | | |
| , , | | USEPA National Recomm. WQ Criteria, fish consumption | 0.37 | ug/L | E&O | | | | | | | | | | |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 1.8 | ug/L | IS | | | | Х | Х | Х | | | | |
| | | National Toxics Rule (USEPA) for other waters | 5.9 | ug/L | IS & E | | | | | | | | Х | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 3.5 | ug/L | 0 | | | | | | | | | Х | |
| Di-isopropyl ether (Isopropyl ether) (DIPE) | Tastes and Odors | Odor threshold (Amoore and Hautala) | 0.8 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 108-20-3 |
| Dinoseb | Chemical Constituents | California Primary MCL | 7 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 88-85-7 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 14 | ug/L | G & IS | | | | | | | | | | |
| 1,4-Dioxane | Tastes and Odors | Odor threshold (Amoore and Hautala) | 230,000 | ug/L | G & IS | | | | | | | | | | 123-91-1 |
| | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 1.3 | ug/L | G & IS | Х | Х | | X | Х | | | | | |
| Dioxin | Chemical Constituents | California Primary MCL | 0.00003 | ug/L | G & IS | Х | | | | | | | | | 1746-01-6 |
| (2,3,7,8-TCDD equivalents) | Toxicity - humans | California Public Health Goal for Drinking Water | 5E-08 | ug/L | G | | Х | | | | | | | | |
| , | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 1.3E-08 | ug/L | IS | | | | Х | Х | Х | | | | |
| | | California Toxics Rule (USEPA) for other waters | 1.4E-08 | ug/L | IS & E | | | | | | | | Х | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 3.9E-09 | ug/L | 0 | | | | | | | | | Х | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | < 0.000001 | ug/L | IS | | | | | | | | | | |
| | · · | USEPA National Recomm. WQ Criteria, acute tox info / 10 | < 0.001 | ug/L | IS | | | | | | | | | | |
| Disvston | Toxicity - humans | USEPA IRIS Reference Dose (c) | 0.3 | ua/L | G & IS | Х | Х | | Х | Х | | | | İ | 298-04-4 |
| (Disulfoton) | | USEPA National Recomm. WQ Criteria, inst. max (1973) | 0.05 | ug/L | IS | | | | | | Х | | | | |
| Diuron | Toxicity - humans | USEPA, OPP Cancer Potency Factor as drinking water level (b) | | ug/L | G & IS | Х | Х | | Х | Х | | | | | 330-54-1 |
| Electrical conductivity | see Specific conductance | | 1 | U | | | | | | | | | | | |

| | | | | | | Assessme | ent Thresho | olds Re | commended | to Protect | Designated B | enefici | al Uses in the | Water Body | |
|-----------------------------------|-------------------------|--------------------------------------------------------------|-----------------|-------|---------------|----------|-------------|---------|-----------|------------|--------------|---------|----------------|--------------|------------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | ion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | land Surfa | ice Waters | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| Endosulfan | Toxicity - humans | USEPA IRIS Reference Dose (c) | 42 | ug/L | G | Х | X | | | | | | | | 115-29-7 |
| | CA Ocean Plan - aq life | | 0.009 | ug/L | 0 | | | | | | | | | X | |
| (sum of alpha-Endosulfan, beta- | | Aquatic Life Protection Objective, daily maximum | 0.018 | ug/L | 0 | | | | | | | | | | |
| Endosulfan and Endosulfansulfate) | | Aquatic Life Protection Objective, instantaneous maximum | 0.027 | ug/L | 0 | | | | | | | | | | |
| alpha-Endosulfan | Toxicity - humans | USEPA National Recomm. WQ Criteria, water & fish consump. | 20 | ug/L | IS | | | | | | | | | | 959-98-8 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 30 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 110 | ug/L | IS | | | | X | Χ | | | | | |
| | | California Toxics Rule (USEPA) for other waters | 240 | ug/L | IS & E | | | | | | | | | | |
| | NTR/CTR - fw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.056 | ug/L | IS | | | | | | X | | | | |
| | | California Toxics Rule (USEPA), Instantaneous Maximum | 0.22 | ug/L | IS | | | | | | | | | | |
| | NTR/CTR - sw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.0087 | ug/L | E | | | | | | | | X | | |
| | | California Toxics Rule (USEPA), Instantaneous Maximum | 0.034 | ug/L | E | | | | | | | | | | |
| beta-Endosulfan | Toxicity - humans | USEPA National Recomm. WQ Criteria, water & fish consump. | 20 | ug/L | IS | | | | | | | | | | 33213-65-9 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 40 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 110 | ug/L | IS | | | | Х | Х | | | | | |
| | | California Toxics Rule (USEPA) for other waters | 240 | ug/L | IS & E | | | | | | | | | | |
| | NTR/CTR - fw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.056 | ug/L | IS | | | | | | Х | | | | |
| | | California Toxics Rule (USEPA), Instantaneous Maximum | 0.22 | ug/L | IS | | | | | | | | | | |
| | NTR/CTR - sw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.0087 | ug/L | E | | | | | | | | Х | | |
| | · | California Toxics Rule (USEPA), Instantaneous Maximum | 0.034 | ug/L | Е | | | | | | | | | | |
| Endosulfan sulfate | Toxicity - humans | USEPA National Recomm. WQ Criteria, water & fish consump. | 20 | ug/L | IS | | | | | | | | | | 1031-07-8 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 40 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 110 | ug/L | IS | | | | Х | Х | | | | | |
| | | California Toxics Rule (USEPA) for other waters | 240 | ug/L | IS & E | | | | | | | | | | |
| Endrin | Chemical Constituents | California Primary MCL | 2 | ug/L | G & IS | Х | | | | | | | | | 72-20-8 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.3 | ug/L | G | | Х | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.03 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.03 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.76 | ug/L | IS | | | | Х | Х | | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.81 | ug/L | IS & E | | | | | | | | | | |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average, total | 0.036 | ug/L | IS | | | | | | Х | | | | |
| | , | California Toxics Rule (USEPA), 1-hour average, total | 0.086 | ug/L | IS | | | | | | | | | | |
| | CTR/NTR - sw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.0023 | ug/L | Е | | | | | | | | X | | |
| | , | California Toxics Rule (USEPA), instantaneous max, total | 0.037 | ug/L | Е | | | | | | | | | | |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 0.002 | ug/L | 0 | | | | | | | | | Х | |
| | · ' | Aquatic Life Protection Objective, daily maximum | 0.004 | ug/L | 0 | | | | | | | | | | |
| | | Aquatic Life Protection Objective, instantaneous maximum | 0.006 | ug/L | 0 | | | 1 | | | | | | | |
| Ethanol | Tastes and Odors | Odor threshold (Amoore and Hautala) | 760,000 | ug/L | G & IS | Х | Х | | Х | Χ | | | | İ | 64-17-5 |

| | | | | | | Assessme | ent Thresho | lds Re | commended | d to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|----------------------------|----------------------------|--------------------------------------------------------------|----------------|-------|-------------------------------|----------|-------------|--------|-----------|--------------|-----------------|--------|-------------------|-----------------------------------------|-----------|
| | Water Quality | Numeric Thresholds Recommended to Implement Object | ctive or Crite | rion | G=Groundwater IS=Inland SW | Gro | oundwater | | le | nland Surfa | ce Waters | | Bay or Estuary | Ocean Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | Gic | MUN- | 1 | II | MUN- | Aquatic Life | | , | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | | AGR | MUN-MCL | | | | & Consump | | |
| Ethylbenzene | Chemical Constituents | California Primary MCL | 300 | ug/L | G & IS | | | 1.0.0 | | | - Ca Contouring | 1,1011 | - Car Gornounne | - C - C - C - C - C - C - C - C - C - C | 100-41-4 |
| Euryhoenzone | Tastes and Odors | Taste & Odor Threshold (USEPA) | 29 | ug/L | G & IS | Х | | | Х | Х | | | | | 100 41 4 |
| | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 3.2 | ug/L | G | | Х | 1 | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 68 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 130 | ug/L | E&O | | | | | | | | | | 1 |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 3.100 | ug/L | IS | | | | | | | | | | 1 |
| | | National Toxics Rule (USEPA) for other waters | 29,000 | ug/L | IS & E | | | | | | | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 4,100 | ug/L | 0 | | | 1 | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 3,200 | ug/L | IS | | | | | | Х | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 43 | ug/L | E&O | | | | | | , | | Х | Х | 1 |
| Ethyl t-butyl ether (EtBE) | Toxicity - humans | California Public Health Goal for Drinking Water (for MTBE) | 13 | ua/L | G & IS | | | | | | | | | | 637-92-3 |
| , , , | Tastes and Odors | California Secondary MCL (taste/odor limit based on MTBE) | 5 | ug/L | G & IS | Х | Х | | Х | Х | | | | | |
| Fluoranthene | Toxicity - humans | USEPA IRIS Reference Dose (c) | 280 | ug/L | G | Х | Х | | | | | | | | 206-44-0 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 20 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 20 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 300 | ug/L | IS | | | | Х | Х | Х | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 370 | ug/L | IS & E | | | | | | | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 15 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 398 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 1.6 | ug/L | E&O | | | | | | | | Х | | 1 |
| | i i | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 4 | ug/L | E&O | | | | | | | | | | 1 |
| Fluorene | Toxicity - humans | USEPA IRIS Reference Dose (c) | 280 | ug/L | G | Х | Х | | | | | | | | 86-73-7 |
| | , | USEPA National Recomm. WQ Criteria, water & fish consump. | 50 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 70 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 1,300 | ug/L | IS | | | | Χ | Х | | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 14,000 | ug/L | IS & E | | | | | | Х | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | Х | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E&O | | | | | | | | Х | | 1 |
| Fluoride | Chemical Constituents | California Primary MCL | 2,000 | ug/L | G & IS | X | | | Χ | | | | | | 16984-48- |
| | | Water Quality for Agriculture (Ayers & Westcot) | 1,000 | ug/L | G & IS | | | Χ | | | | Х | | | 1 |
| | Tastes and Odors | USEPA Secondary MCL | 2,000 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 1,000 | ug/L | G & IS | | Х | | | Х | | | | | |
| Gasoline (Hexane) | Toxicity - humans | USEPA Superfund Provisional Cancer Slope Factor (b) | 21 | ug/L | G & IS | | | | | | | | | | 110-54-3 |
| (TPH-g) | Tastes and Odors | California SWRCB, Water Quality Criteria (McKee & Wolf) | 5 | ug/L | G & IS | Х | X | | Χ | Х | | | | | |
| Heptachlor | Chemical Constituents | California Primary MCL | 0.01 | ug/L | G & IS | Х | | | | | | | | | 76-44-8 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.008 | ug/L | G | | X | | | | | | | | j |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 5.9E-06 | ug/L | IS | | | | | | | | | | <u>]</u> |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 5.9E-06 | ug/L | E&O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00021 | ug/L | IS | | | | Х | Х | X | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 0.00021 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | | Human Health Protection Objective, fish consumption | 0.00005 | ug/L | 0 | | | | | | | | | X |] |
| | CTR/NTR - fw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.0038 | ug/L | IS | | | | | | | | | |] |
| | | California Toxics Rule (USEPA), instantaneous maximum | 0.52 | ug/L | IS | | | | | | | | | | j |
| | CTR/NTR - sw aq life | National Toxics Rule (USEPA), 4-day average, total | 0.0036 | ug/L | E | | | | | | | | | | j |
| | | California Toxics Rule (USEPA), instantaneous maximum | 0.053 | ug/L | E | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 0.0036 | ug/L | E&O | | | | | | | | | | 1 |

| | | | | | | Assessme | nt Thresho | lds Red | commended | to Protect | Designated Be | enefici | al Uses in the | Water Body | |
|-------------------------|-----------------------|-------------------------------------------------------|----------------|-------|---------------|----------|------------|---------|-----------|-------------|---------------|---------|----------------|--------------|--------|
| | | Numeric Thresholds Recommended to Implement Obje | ctive or Crite | rion | G=Groundwater | | | | | | | | Bay or | Ocean | 4 |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | nland Surfa | ce Waters | | Estuary | Waters | 4 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| | | USEPA National Recomm. WQ Criteria, instantaneous max | 0.053 | ug/L | E&O | | | | | | | | | | |

| | | | | | | Assessme | ent Thresh | olds Re | commended | to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|-------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|---------------|----------|------------|---------|-----------|------------|--------------|--------|-----------------|--------------|-----------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | ion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | | ice Waters | | Estuary | Waters |] |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| Indeno(1,2,3-c,d)pyrene | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.029 | ug/L | G | X | Х | | | | | | | | 193-39-5 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.0012 | ug/L | IS | | | | | | | | | | ļ |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.0013 | ug/L | E&O | | | | | | | | | |] |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.0044 | ug/L | IS | | | | X | Χ | X | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.049 | ug/L | IS & E | | | | | | | | X | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | X | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 30 | ug/L | E&O | | | | | | | | | | |
| Iron | Chemical Constituents | California Secondary MCL | 300 | ug/L | G & IS | Х | Х | | X | Χ | | | | | 7439-89-6 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 5,000 | ug/L | G & IS | | | Х | | | | Χ | | | |
| | Tastes and Odors | California Secondary MCL | 300 | ug/L | G & IS | | | | | | | | | | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 1,000 | ug/L | IS | | | | | | X | | | | |
| Kepone | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.0022 | ug/L | G & IS | Х | Х | | X | Χ | | | | | 143-50-0 |
| Lead | Chemical Constituents | California Primary MCL | 15 | ug/L | G & IS | Х | | | Х | | | | | | 7439-92-1 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 5,000 | ug/L | G & IS | | | Х | | | | Х | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.2 | ug/L | G & IS | | Х | | | Χ | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved (I) | 0.92 | ug/L | IS | | | | | | Х | | | | 1 |
| | | California Toxics Rule (USEPA), 1-hour average, dissolved (I) | 24 | ug/L | IS | | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved | 8.1 | ug/L | Е | | | | | | | | Х | | 1 |
| | | California Toxics Rule (USEPA), 1-hour average, dissolved | 210 | ug/L | Е | | | | | | | | | | 1 |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 2 | ug/L | 0 | | | | | | | | | Х | 1 |
| | · | Aquatic Life Protection Objective, daily maximum | 8 | ug/L | 0 | | | | | | | | | | 1 |
| | | Aquatic Life Protection Objective, instantaneous maximum | 20 | ug/L | 0 | | | | | | | | | | 1 |
| Lead acetate | Chemical Constituents | California Primary MCL for Lead | 15 | ug/L | G & IS | Х | | | Х | | | | | | 301-04-2 |
| | | Water Quality for Agriculture (Ayers & Westcot) for Lead | 5,000 | ug/L | G & IS | | | Х | | | | Х | | | 1 |
| | Toxicity - humans | California Public Health Goal for Lead in Drinking Water | 2 | ug/L | G & IS | | | | | | | | | | 1 |
| | | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.13 | ug/L | G & IS | | Х | | | Х | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day avg, for Lead (I) | 0.92 | ug/L | IS | | | | | | Х | | | | 1 |
| | <u>'</u> | California Toxics Rule (USEPA), 1-hour avg for Lead (I) | 24 | ug/L | IS | | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average, for Lead | 8.1 | ug/L | Е | | | | | | | | Х | | 1 |
| | · · | California Toxics Rule (USEPA), 1-hour average, for Lead | 210 | ug/L | Е | | | | | | | | | | 1 |
| | CA Ocean Plan - ag life | Aquatic Life Protection Objective for Lead, 6-month median | 2 | ug/L | 0 | | | | | | | | | Х | 1 |
| | · · | Aquatic Life Protection Objective for Lead, daily maximum | 8 | ug/L | 0 | | | | | | | | | | 1 |
| | | Aquatic Life Protection Objective for Lead, instantaneous max | 20 | ug/L | 0 | | | | | | | | | | 1 |
| Lead subacetate | Chemical Constituents | California Primary MCL for Lead | 15 | ug/L | G & IS | Х | | | Х | | | | | | 1335-32-6 |
| | | Water Quality for Agriculture (Ayers & Westcot) for Lead | 5.000 | ug/L | G & IS | | | Х | | | | Х | | | |
| | Toxicity - humans | California Public Health Goal for Lead in Drinking Water | 2 | ug/L | G & IS | | | | | | | | | | 1 |
| | , | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.92 | ug/L | G & IS | | Х | | | Х | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day avg, for Lead (I) | 0.92 | ug/L | IS | | | | | | Х | 1 | | | 1 |
| | | California Toxics Rule (USEPA), 1-hour avg for Lead (I) | 24 | ug/L | IS | | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average, for Lead | 8.1 | ug/L | E | | | | | | | 1 | Х | | 1 |
| | 2 2 | California Toxics Rule (USEPA), 1-hour average, for Lead | 210 | ug/L | Ē | 1 | | | | | | | 1 | | 1 |
| | CA Ocean Plan - ag life | Aquatic Life Protection Objective for Lead, 6-month median | 2 | ug/L | 0 | | | 1 | | | 1 | 1 | | Х | 1 |
| | or cooding ad mo | Aquatic Life Protection Objective for Lead, daily maximum | 8 | ug/L | 0 | | t | 1 | | | | 1 | | <u> </u> | 1 |
| | | Aquatic Life Protection Objective for Lead, daily maximum Aquatic Life Protection Objective for Lead, instantaneous max | 20 | ug/L | 0 | İ | | 1 | | | 1 | 1 | | | 1 |
| Lindane | see gamma-BHC | programme and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the | | ~g/= | | 1 | 1 | | | | L | | ı | L | 58-89-9 |
| Linuron | Toxicity - humans | USEPA IRIS Reference Dose (c) | 1.4 | ug/L | G & IS | Х | Х | | Х | Х | | 1 | | | 330-55-2 |
| | TOXIOITY HUHIUHS | COLI 7 TITLO TOTOLOGO BOSC (0) | 1.7 | ug/L | 0 4 10 | ^ | ^ | | ^ | ^ | | 1 | 1 | 1 | 000 00-2 |

| | | | | | | Assessme | nt Thresho | lds Re | commended | to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|-----------------------------------------|----------------------------|--------------------------------------------------------------|----------------|-------|-------------------------------|----------|------------|--------|-----------|------------|--------------|--------|-------------------|-----------------|------------|
| | Water Quality | Numeric Thresholds Recommended to Implement Obje | ctive or Crite | rion | G=Groundwater IS=Inland SW | Gro | undwater | | In | land Surfa | ce Waters | | Bay or Estuary | Ocean Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | | | | | & Consump | Number |
| Manganese | Chemical Constituents | California Secondary MCL | 50 | ug/L | G & IS | Х | X | | Х | Χ | | | | | 7439-96-5 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 200 | ua/L | G & IS | | | Х | | | | Х | | | 1 |
| | Tastes and Odors | California Secondary MCL | 50 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California DPH Notification Level for drinking water | 500 | ug/L | G & IS | | | | | | | | | | 1 |
| | , | USEPA National Recomm. WQ Criteria, fish consumption | 100 | ug/L | IS & E & O | | | | | | Х | | Х | Х | 1 |
| Mercury | Chemical Constituents | California Primary MCL | 2 | ug/L | G & IS | Х | | | | | | | | | 7439-97-6 |
| (see also Methylmercury) | Toxicity - humans | California Public Health Goal for Drinking Water | 1.2 | ug/L | G | | Х | | | | | | | | 1 |
| , , , , , , , , , , , , , , , , , , , , | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.05 | ug/L | IS | | | | Х | Х | Х | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 0.051 | ug/L | IS & E | | | | | | | | Х | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, 4-day avg, dissolved | 0.77 | ug/L | IS | | | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, 1-hour avg, dissolved | 1.4 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day avg, dissolved | 0.94 | ug/L | E&O | | | | | | | | | | 1 |
| | , ' | USEPA National Recomm. WQ Criteria, 1-hour avg, dissolved | 1.8 | ug/L | E&O | | | | | | | | | | 1 |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 0.04 | ug/L | 0 | | | | | | | | | Х | 1 |
| | , | Aquatic Life Protection Objective, daily maximum | 0.16 | ug/L | 0 | | | | | | | | | | 1 |
| | | Aquatic Life Protection Objective, instantaneous max | 0.4 | ug/L | 0 | | | | | | | | | | 1 |
| Methoxychlor | Chemical Constituents | California Primary MCL | 30 | ug/L | G & IS | Х | | | Х | | | | | | 72-43-5 |
| , | Tastes and Odors | Taste & Odor Threshold (USEPA) | 4.700 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.09 | ug/L | G & IS | | Х | | | Х | | | | | 1 |
| | , | USEPA National Recomm. WQ Criteria, water & fish consump. | 100 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, instantaneous max | 0.03 | ug/L | IS | | | | | | Х | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, instantaneous max | 0.03 | ug/L | E&O | | | | | | | | Х | Х | 1 |
| Methanol | Tastes and Odors | Odor threshold (Amoore and Hautala) | 740,000 | ug/L | G & IS | | | | | | | | | | 67-56-1 |
| (Methyl alcohol) | Toxicity - humans | USEPA IRIS Reference Dose (c) | 14,000 | ug/L | G & IS | Х | Х | | Х | Х | | | | | |
| Methyl t-butyl ether | Chemical Constituents | California Primary MCL | 13 | ug/L | G & IS | | | | | | | | | | 1634-04-4 |
| (MTBE) | | California Secondary MCL | 5 | ua/L | G & IS | Х | Х | | Х | Х | | | | | |
| , | Tastes and Odors | California Secondary MCL | 5 | ug/L | G & IS | | | | | | | | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 13 | ug/L | G & IS | | | | | | | | | | 1 |
| | , | USEPA National Recomm. WQ Criteria, 4-day average | 51,000 | ug/L | IS | | | | | | Х | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, 1-hour average | 151,000 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average | 18,000 | ug/L | E&O | | | | | | | | Х | Х | 1 |
| | | USEPA National Recomm. WQ Criteria, 1-hour average | 53,000 | ug/L | E&O | | | | | | | | | | 1 |
| Methyl ethyl ketone | Tastes and Odors | Odor threshold (Amoore and Hautala) | 8,400 | ug/L | G & IS | | | | | | | | | | 78-93-3 |
| (MEK) | Toxicity - humans | USEPA IRIS Reference Dose (c) | 4,200 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 1 |
| Methylmercury | Toxicity - humans | USEPA IRIS Reference Dose (c) | 0.07 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 22967-92-6 |
| , | , | USEPA National Recomm. WQ Criteria (fish tissue) | 0.3 | mg/kg | IS | | | | | | | | | | 1 |
| 2-Methylnaphthalene | Toxicity | USEPA IRIS Reference Dose (c) | 28 | ug/L | G & IS | Х | Х | | X | Х | | | | | 91-57-6 |
| Molybdenum | Chemical Constituents | Water Quality for Agriculture (Ayers & Westcot) | 10 | ug/L | G & IS | | | Χ | | | | Х | | | 7439-98-7 |
| - | Toxicity - humans | USEPA IRIS Reference Dose (c) | 35 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 1 |
| Naphthalene | Tastes and Odors | Odor threshold (Amoore and Hautala) | 21 | ug/L | G & IS | | | | | | | | | | 91-20-3 |
| | Toxicity - humans | Cal/EPA Cancer Potency Factor as a drinking water level (b) | 0.29 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 62 | ug/L | IS | | | | | | Х | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 230 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 235 | ug/L | E&O | | | 1 | | | İ | | Х | Х | 1 |

| | | | | | | Assessme | ent Thresho | olds Re | commended | I to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|---------------------------------|----------------------------|---------------------------------------------------------------|-----------------|-------|---------------|----------|-------------|-------------|-----------|--------------|---------------------------------------|--------|-----------------|--------------------------------------------------|------------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | rion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | Ir | land Surfa | ce Waters | | Estuary | Waters | 1 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| Nickel | Chemical Constituents | California Primary MCL | 100 | ug/L | G & IS | X | | | X | X | | | | | 7440-02-0 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 200 | ug/L | G & IS | | | Х | | | | Χ | | | 1 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 12 | ug/L | G | | X | | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 4,600 | ug/L | IS & E & O | | | | | | | | | | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 610 | ug/L | IS | | | | | | | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 4,600 | ug/L | IS & E | | | | | | | | | | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved (I) | 24 | ug/L | IS | | | | | | X | | | | 1 |
| | | California Toxics Rule (USEPA), 1-hour average, dissolved (I) | 220 | ug/L | IS | | | | | | | | | | 1 |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved | 8 | ug/L | E | | | | | | | | X | | 1 |
| | | California Toxics Rule (USEPA), 1-hour average, dissolved | 74 | ug/L | E | | | | | | | | | | 1 |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 5 | ug/L | 0 | | | | | | | | | X | 1 |
| | | Aquatic Life Protection Objective, daily maximum | 20 | ug/L | 0 | | | | | | | | | | 1 |
| | | Aquatic Life Protection Objective, instantaneous maximum | 50 | ug/L | 0 | | | | | | | | | | |
| Nitrate (expressed as nitrogen) | Chemical Constituents | California Primary MCL | 10,000 | ug/L | G & IS | Х | Χ | | X | Χ | | | | | 14797-55-8 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 10,000 | ug/L | G & IS | | | | | | | | | | |
| N-Nitrosodimethylamine | Toxicity - humans | California Public Health Goal for Drinking Water | 0.003 | ug/L | G | Х | Χ | | | | | | | | 62-75-9 |
| (NDMA) | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 0.00069 | ug/L | IS | | | | Х | Χ | X | | | | |
| | | National Toxics Rule (USEPA) for other waters | 8.1 | ug/L | IS & E | | | | | | | | X | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 7.3 | ug/L | 0 | | | | | | | | | X | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 585 | ug/L | IS | | | | | | | | | | 1 |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 330,000 | ug/L | E&O | | | | | | | | | | |
| Pendimethalin (Prowl) | Toxicity - humans | USEPA IRIS Reference Dose (c) | 280 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 40487-42-1 |
| Pentachlorophenol | Chemical Constituents | California Primary MCL | 1 | ug/L | G & IS | Х | | | | | | | | $\overline{}$ | 87-86-5 |
| · · | Tastes and Odors | Taste & Odor Threshold (USEPA) | 30 | ug/L | G & IS | | | | | | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.3 | ua/L | G | | Х | | | | | | | | 1 |
| | , | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.03 | ug/L | IS | | | | | | | | | 1 | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.04 | ug/L | E&O | | | | | | | | | - | 1 |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.28 | ug/L | IS | | | | Х | Х | | | | - | 1 |
| | | California Toxics Rule (USEPA) for other waters | 8.2 | ug/L | IS & E | | | | | | | | | - | 1 |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average at pH 6.5 | 4 | ug/L | IS | | | | | | Х | | | - | 1 |
| | l ' | California Toxics Rule (USEPA), 1-hour average at pH 6.5 | 5.3 | ug/L | IS | | | | | | | | | | |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average | 7.9 | ug/L | E | | | | | | | | Х | 1 | 1 |
| | <u>'</u> | California Toxics Rule (USEPA), 1-hour average | 13 | ug/L | Е | | | | | | | | | - | 1 |
| | CA Ocean Plan - ag life | Aquatic Life Protection Objective, 6-month median (p) | 1 | ug/L | 0 | | | | | | | | | Х | |
| | | Aquatic Life Protection Objective, daily maximum (p) | 4 | ug/L | 0 | | | | | | | | | | |
| | | Aquatic Life Protection Objective, instantaneous maximum (p) | 10 | ug/L | 0 | | | | | | | | | | |
| Perchlorate | Chemical Constituents | California Primary MCL | 6 | ug/L | G & IS | Х | | | Х | | | | | | 14797-73-0 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 1 | ug/L | G | | Х | | | Х | | | | 1 | 1 |
| pH - minimum | Chemical Constituents | USEPA Secondary MCL | 6.5 | units | G & IS | Х | Х | | Х | Х | | | | | |
| | | Water Quality for Agriculture (Ayers & Westcot) | 6.5 | units | G & IS | | <u> </u> | Х | | | | Х | | 1 | 1 |
| | Tastes and Odors | USEPA National Recomm. WQ Criteria, taste & odor | 5 | units | G & IS | | | | | | | | 1 | 1 | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, instantaneous | 6.5 | units | IS | | | | | | Х | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, instantaneous | 6.5 | units | E&O | | | | | | , , , , , , , , , , , , , , , , , , , | | Х | <u> </u> | 1 |
| | CA Ocean Plan - ag life | Aquatic Life Protection Objective, instantaneous | 6 | units | 0 | † | | 1 | - | | | | <u> </u> | X | 1 |

| | | | | | | Assessme | ent Thresho | olds Re | commended | to Protect | Designated B | enefic | ial Uses in the | Water Body | |
|---------------------------|----------------------------|---------------------------------------------------------------|-----------------|-------|---------------|----------|-------------|---------|-----------|------------|--------------|--------|-----------------|--------------|-----------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | ion | G=Groundwater | | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | Ir | land Surfa | ice Waters | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| pH - maximum | Chemical Constituents | USEPA Secondary MCL | 8.5 | units | G & IS | Х | Χ | | Χ | Х | | | | | |
| | | Water Quality for Agriculture (Ayers & Westcot) | 8.4 | units | G & IS | | | Х | | | | Χ | | | |
| | Tastes and Odors | USEPA National Recomm. WQ Criteria, taste & odor | 9 | units | G & IS | | | | | | | | | | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, instantaneous | 9 | units | IS | | | | | | X | | | | |
| | | USEPA National Recomm. WQ Criteria, instantaneous | 8.5 | units | E&O | | | | | | | | Х | | |
| | | Aquatic Life Protection Objective, instantaneous | 9 | units | 0 | | | | | | | | | Х | |
| Phenanthrene | | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | X | 85-01-8 |
| | , , | USEPA National Recomm. WQ Criteria, acute tox info / 10 (n) | 30 | ug/L | E&O | | | | | | | | Х | | |
| Polychlorinated biphenyls | | California Primary MCL | 0.5 | ug/L | G & IS | Х | | | | | | | | | 1336-36-3 |
| (PCBs) | Toxicity - humans | California Public Health Goal for Drinking Water | 0.09 | ug/L | G | | X | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00017 | ug/L | IS | | | | Χ | Х | X | | | | |
| | | California Toxics Rule (USEPA) for other waters | 0.00017 | ug/L | IS & E | | | | | | | | X | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 0.000019 | ug/L | 0 | | | | | | | | | X | |
| | NTR - fw aquatic life | National Toxics Rule (USEPA), 4-day average (e) | 0.014 | ug/L | IS | | | | | | | | | | |
| | NTR - sw aquatic life | National Toxics Rule (USEPA), 4-day average (e) | 0.03 | ug/L | E | | | | | | | | | | |
| | Toxicity - sw aquatic life | USEPA National Recomm. WQ Criteria, 4-day average (q) | 0.03 | ug/L | E&O | | | | | | | | | | |
| Propham | Toxicity - humans | USEPA IRIS Reference Dose (c) | 140 | ug/L | G & IS | Х | X | | Х | X | | | | | 122-42-9 |
| n-Propylbenzene | Toxicity - humans | California DPH Notification Level for drinking water | 260 | ug/L | G & IS | Х | X | | Х | X | | | | | 103-65-1 |
| Pyrene | Toxicity - humans | USEPA IRIS Reference Dose (c) | 210 | ug/L | G | Х | X | | | | | | | | 129-00-0 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 30 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 40 | ug/L | E&O | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 960 | ug/L | IS | | | | X | Х | X | | | | |
| | | California Toxics Rule (USEPA) for other waters | 11,000 | ug/L | IS & E | | | | | | | | | | |
| | | Human Health Protection Objective, fish consumption (n) | 0.0088 | ug/L | 0 | | | | | | | | | X | |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 (n) | 30 | ug/L | E&O | | | | | | | | X | | |
| Selenium | Chemical Constituents | California Primary MCL | 50 | ug/L | G & IS | Х | | | X | | | | | | 7782-49-2 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 20 | ug/L | G & IS | | | X | | | | Χ | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 30 | ug/L | G & IS | | Χ | | | X | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 170 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 4,200 | ug/L | E&O | | | | | | | | | | |
| | NTR - fw aquatic life | National Toxics Rule (USEPA), 4-day average, total | 5 | ug/L | IS | | | | | | X | | | | |
| | | National Toxics Rule (USEPA), 1-hour average, total | 20 | ug/L | IS | | | | | | | | | | |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 4-day average, dissolved | 71 | ug/L | E | | | | | | | | X | | |
| | | California Toxics Rule (USEPA), 1-hour average, dissolved | 290 | ug/L | E | | | | | | | | | | |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 15 | ug/L | 0 | | | | | | | | | X | |
| | | Aquatic Life Protection Objective, daily maximum | 60 | ug/L | 0 | | | | | | | | | | |
| | | Aquatic Life Protection Objective, instantaneous maximum | 150 | ug/L | 0 | | | | | | | | | | |
| Silver | Chemical Constituents | California Secondary MCL | 100 | ug/L | G & IS | Х | | | X | | | | | | 7440-22-4 |
| | Tastes and Odors | California Secondary MCL | 100 | ug/L | G & IS | | | | | | | | | | |
| | Toxicity - humans | USEPA IRIS Reference Dose (c) | 35 | ug/L | G & IS | | Х | | | X | | | | | |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 1-hour average, dissolved (I) | 0.71 | ug/L | IS | | | | | | Х | | | | |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 1-hour average, dissolved | 1.9 | ug/L | Е | | | | | | | | Х | | |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective, 6-month median | 0.7 | ug/L | 0 | | | | | | | | | Х | |
| | | Aquatic Life Protection Objective, daily maximum | 2.8 | ug/L | 0 | | | | | | | | | | |
| | | Aquatic Life Protection Objective, instantaneous maximum | 7 | ug/L | 0 | | | | | | | | | | |

| March County Water County Water County Water County Secure of Name In Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Assemble Translated Secure Asse | | | | | | | Assessme | ent Thresho | lds Re | commended | I to Protect | Designated B | enefic | ial Uses in the | ses in the Water Body | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------|------------------------------------------------------------|---------------------|------------|--------|--------------|-------------|----------|-----------|--------------|--------------|--------|-----------------|-----------------------|------------|--|
| Constituent Farameter Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Coperative or Co | | Water Quality | Numeric Thresholds Recommended to Implement Object | ctive or Crite T | erion I | | Gro | undwater | | In | land Surfa | ce Waters | | , | - | | |
| Common Promolating Citation Control on proceedings are at bottom of abable Threshood Units O-Docean MUN-MICL Toxicity AGR MUN-MICL Toxicity AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS AGR ACCOUNTS | Constituent / Parameter | | Source of Numeric Threshold | Numeric | | | 010 | | | | | | | , | | CAS | |
| Command Constituted Configure Primary MCL | | , | | | Units | | MUN-MCI | | AGR | MUN-MCI | | | | | | | |
| Toolsty: Insurance Customic Publishe Health Coal for Drinking Water A upt G & 8 S | | | | | | | i | | 7.01. | | | - Concamp | 7.0.1 | C COHOGHIP | a concump | | |
| Tacoby - was equated life ISEPA National Recomm WG Cristina, Instantaneous max (r) 10 ught 18 | Olimazine | | | | | | ^_ | | | | _^_ | | | | | 122-34-9 | |
| Chemical Constituents | | | | | J. | | | | | | | X | | | | 1 | |
| Tastes and Odors Taste threshold (USEPA Drinking Water Advisory) 30,000 upl. G.8 S X X X X X X X X X | Sodium | , , | - , | | | | | | X | | | | X | | | 7440-23-5 | |
| Toxioly-humans | Codiam | _ | | , | , | | | | | | | | | | | 1440 200 | |
| Chemical Constituents California Secondary MCL, recommended level 900 unhos/com 6 & 8 X X X X X X X X X | | | , , , | , | • | | Х | X | | X | X | | | | | 1 | |
| California Secondary MCL, upper level 1,500 mhostem G & IS | Specific conductance | - | ů , | , | | | | | | | | | | | | | |
| EC Mater Quality for Applicative (Ayers & Westoot) 700 unhoscen 6.8 is X X X X X X X X X | | Chemical Constituents | | | | | | | | Λ | | | | | | - | |
| Tastes and Odors California Secondary MCL, recommended level 500, work California Secondary MCL, recommended level 500,000 Ugl. G. 8.1S X | , | | , , , , , | | | | | | | | | | | | | - | |
| Sulfate Chemical Constituents California Secondary MCL, precrumended level 250,000 ugl. G. 8, IS X X X X X X X X X | (LO) | Tastes and Odors | | | | | | | ^ | | | | ^ | | | - | |
| California Secondary MCL recommended review 500,000 ug/t. G & IS | Sulfate | | | | | | X | X | | X | X | | | | | 14808-79-8 | |
| Tastes and Odors California Secondary MCI. recommended level 250,000 ugl. G & IS | Gunate | Chemical Constituents | · · · · · · · · · · · · · · · · · · · | | ŭ | | | | | Λ | | | | | | 14000-75-0 | |
| Toxicity - humans | | Tastos and Odors | | | | | | | | | | | | | | - | |
| Tebuthuron | | | | , | | | | | 1 | | | | | | | - | |
| 23.78 Fetrachlorodiberus-p-dioxin See Dioxin | Tobuthiuron | , | i i | , | | | | V | <u> </u> | | | | | | | 24014 10 1 | |
| 1,1,1,2-Tetrachloroethane | | | OSEFA INIO Nelelelice Dose (c) | 490 | ug/L | 3 0 0 | | ٨ | | ^ | ^ | l | | | | 34014-10-1 | |
| Toxicity - five qualitic life USEPA National Recomm. WQ Criteria, acute tox info / 10 932 ug/L IS | | | LISEDA IDIS Cancer Dick Lovel | 1 | ug/l | C 2 IS | · · | V | l | | | 1 | 1 | | | 630.30.6 | |
| Chemical Constituents | 1,1,1,2-1etracriloroetriane | , | | 932 | | | _ ^ | ^ | | _ ^ | ^ | Y | | | | 030-20-0 | |
| Tastes and Odors | 1.1.2.2-Tetrachloroethane | , , | | 1 | | | Х | | | | | Λ | | | | 79-34-5 | |
| USEPA National Recomm. WO Criteria, water & fish consump. 0.2 ug/L IS USEPA National Recomm. WQ Criteria, fish consumption 3 ug/L IS X X X X X X X X X | .,.,_,_ | _ | | 500 | | | | | | | | | | | | 1 | |
| USEPA National Recomm. WO Criteria, water & fish consump. 0.2 ug/L IS USEPA National Recomm. WQ Criteria, fish consumption 3 ug/L IS X X X X X X X X X | | Toxicity - humans | | | | | | Х | | | | | | | | | |
| USEPA National Recomm. WQ Criteria, fish consumption 3 ug/L E & O | | Í | | | ua/L | IS | | | | | | | | | | 1 | |
| NTR - humans | | | | | | | | | | | | | | | | 1 | |
| National Toxics Rule (USEPA) for other waters 11 | | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 0.17 | ua/L | IS | | | | Х | Х | Х | | | | 1 | |
| CA Ocean Plan - humans | | | | | J. | | | | | | | | | Х | | 1 | |
| Toxicity - fw aquatic life USEPA National Recomm. WQ Criteria, chronic tox info / 10 240 ug/L IS USEPA National Recomm. WQ Criteria, acute tox info / 10 932 ug/L IS USEPA National Recomm. WQ Criteria, acute tox info / 10 902 ug/L E & 0 USEPA National Recomm. WQ Criteria, acute tox info / 10 902 ug/L E & 0 USEPA National Recomm. WQ Criteria, acute tox info / 10 902 ug/L E & 0 USEPA National Recomm. WQ Criteria, acute tox info / 10 902 ug/L E & 0 USEPA National Recomm. WQ Criteria, acute tox info / 10 ug/L G & IS USEPA National Recomm. WQ Criteria, delay fish consumption USEPA National Recomm. WQ Criteria, fish consumption USEPA National Recomm. WQ Criteria, fish consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption USEPA National Recomm. WQ Criteria, consumption | | CA Ocean Plan - human | | 2.3 | ug/L | | | | | | | | | | Х | 1 | |
| USEPA National Recomm. WQ Criteria, acute tox infon / 10 932 ug/L IS IS IS IS IS IS IS I | | | | | | | | | | | | | | | , | | |
| Toxicity - sw aquatic life | | . comeny in aquatio in c | - , | | | | | | | | | | | | | | |
| Tetrachloroethylene (Tetrachloroethene) (Tetrachloroethene) (PCE) Tastes and Odors Odor threshold (Amoore and Hautala) 170 ug/L G & IS X | | Toxicity - sw aquatic life | | | | | | | | | | | | | | | |
| Tastes and Odors Odor threshold (Amoore and Hautala) 170 ug/L G & IS | Tetrachloroethylene | | · · | 5 | | | Х | | | | | | | | | 127-18-4 | |
| Toxicity - humans California Public Health Goal for Drinking Water 0.06 ug/L G X USEPA National Recomm. WQ Criteria, water & fish consump. 10 ug/L IS USEPA National Recomm. WQ Criteria, fish consumption 29 ug/L E & O NTR - humans National Toxics Rule (USEPA) for sources of drinking water 0.8 ug/L IS X X X X X X X X X X X X X X X X X X | , | | , - , - , - , - , - , - , - , - , - , - | | J | | | | | | | | | | | 1 | |
| USEPA National Recomm. WQ Criteria, water & fish consump. USEPA National Recomm. WQ Criteria, fish consumption USEPA National Recomm. WQ Criteria, fish consumption PATR - humans National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (US | , | | | | J. | | | Х | | | | | | | | | |
| USEPA National Recomm. WQ Criteria, fish consumption 29 ug/L E & O | (/ | | | 1 | | | | | | | | | | | | | |
| NTR - humans National Toxics Rule (USEPA) for sources of drinking water National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Toxics Rule (USEPA) for other waters National Fundamental Human Health Protection Objective, fish consumption National Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundamental Fundam | | | | | | | | | | | | | | | | | |
| National Toxics Rule (USEPA) for other waters 8.85 ug/L IS & E X CA Ocean Plan - humans Human Health Protection Objective, fish consumption 2 ug/L O X Toxicity - fw aquatic life USEPA National Recomm. WQ Criteria, chronic tox info / 10 84 ug/L IS USEPA National Recomm. WQ Criteria, acute tox info / 10 528 ug/L IS Toxicity - sw aquatic life USEPA National Recomm. WQ Criteria, chronic tox info / 10 45 ug/L E & O | | NTR - humans | - , | | | | | | | Х | Х | Х | | İ | | 1 | |
| CA Ocean Plan - humans Human Health Protection Objective, fish consumption 2 ug/L O | | | | | J. | | | | | | | | | Х | | 1 | |
| Toxicity - fw aquatic life USEPA National Recomm. WQ Criteria, chronic tox info / 10 84 ug/L IS USEPA National Recomm. WQ Criteria, acute tox info / 10 528 ug/L IS Toxicity - sw aquatic life USEPA National Recomm. WQ Criteria, chronic tox info / 10 45 ug/L E & O | | CA Ocean Plan - human | , | | | - | | | 1 | | | İ | 1 | 1 | Х | 1 | |
| USEPA National Recomm. WQ Criteria, acute tox info / 10 528 ug/L IS Toxicity - sw aquatic life USEPA National Recomm. WQ Criteria, chronic tox info / 10 45 ug/L E & O | | | | | | | | | | | | 1 | 1 | 1 | | 1 | |
| Toxicity - sw aquatic life USEPA National Recomm. WQ Criteria, chronic tox info / 10 45 ug/L E & O | | 10/10ity 1W aquatio iiic | | | | | | | <u> </u> | | | † | | | | 1 | |
| | | Toxicity - sw aquatic life | 1- , | | 5 | | | | 1 | | | † | 1 | 1 | | 1 | |
| | | Toxioity - 3w aqualic life | USEPA National Recomm. WQ Criteria, critoric tox info / 10 | 1.020 | ug/L | E&O | | | | | | 1 | 1 | | | 1 | |

| | | | | | | Assessment Thresholds Recommended to Protect Designated Beneficial Uses in the Water Body | | | | | | | | | |
|-------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|------------------------------|-------------------------------------------------------------------------------------------|------------------|--------------------------------------------------|---------|----------|------------------------|----------|--------------|--------------|-----------|
| | | Numeric Thresholds Recommended to Implement Objection | ctive or Criter | ion | G=Groundwater | 0 | | | 1 | l | \\/ - + | | Bay or | Ocean | |
| Constituent / Parameter | Water Quality | Source of Numeric Threshold | Numeric | | IS=Inland SW E=EB/Estuary | Gro | undwater MUN- | | ır | MUN- | ce Waters Aguatic Life | 1 | Estuary | Waters | CAS |
| (Synonym) | Objective or Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | _ | ΔGR | MUN-MCL | _ | | | & Consump | Aquatic Life | Number |
| Tetraethyl lead | Chemical Constituents | California Primary MCL for Lead | 15 | ug/L | G & IS | X | TOXICITY | AGIN | X | TOXICITY | & Consump | AGIN | & Consump | & Consump | 78-00-2 |
| l etraetriyi lead | Chemical Constituents | Water Quality for Agriculture (Ayers & Westcot) for Lead | 5,000 | ug/L ug/L | G & IS | ^ | | X | ^ | | | Х | | | 76-00-2 |
| | Toxicity - humans | California Public Health Goal for Lead in Drinking Water | 2 | ug/L ug/L | G & IS | | | | | | | | | | ł |
| | Toxicity - Humans | USEPA IRIS Reference Dose (c) | 0.0007 | ug/L ug/L | G & IS | | Х | - | | Х | | | | | |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day avg, for Lead (I) | 0.0007 | ug/L ug/L | IS | | ^ | - | | ^ | X | | | | |
| | CTIV - IW aquatic life | California Toxics Rule (USEPA), 1-hour avg for Lead (I) | 24 | ug/L ug/L | IS | - | | - | | | ^ | | | | ł |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 1-flour avg for Lead (f) | 8.1 | | E | - | | - | | | <u> </u> | | X | | ł |
| | CTR - sw aquatic life | 1, 1, 1, | 210 | ug/L | E | | - | - | | | | | | | ł |
| | CA Ocean Diam, an life | California Toxics Rule (USEPA), 1-hour average, for Lead | | ug/L | 0 | | - | - | | | | | | | ł |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective for Lead, 6-month median | 2 | ug/L | | | | 1 | | | | <u> </u> | | Х | |
| | | Aquatic Life Protection Objective for Lead, daily maximum Aquatic Life Protection Objective for Lead, instantaneous max | 8 20 | ug/L | 0 | | | 1 | | | | | | | |
| T. U. | 01 : 10 :: 1 | | | ug/L | | | | <u> </u> | | | | | | | 7440.00.0 |
| Thallium | Chemical Constituents | California Primary MCL | 2 | ug/L | G & IS | Х | ., | - | | | | | | | 7440-28-0 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.1 | ug/L | G | | Х | | | | | | | | |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 1.7 | ug/L | IS | | | | Х | Х | Х | | | | |
| | | National Toxics Rule (USEPA) for other waters | 6.3 | ug/L | IS & E | | | 1 | | | | | Х | | |
| | | Human Health Protection Objective, fish consumption | 2 | ug/L | 0 | | | | | | | | | Х | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 4 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 140 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, other tox info / 10 | 2 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 213 | ug/L | E&O | | | | | | | | | | |
| Toluene | Chemical Constituents | California Primary MCL | 150 | ug/L | G & IS | | | | | | | | | | 108-88-3 |
| | Tastes and Odors | Taste & Odor Threshold (USEPA) | 42 | ug/L | G & IS | X | Х | | X | Х | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 150 | ug/L | G | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 57 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 520 | ug/L | E&O | | | | | | | | | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 85,000 | ug/L | 0 | | | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 6,800 | ug/L | IS | | | | | | | | | | 1 |
| | | California Toxics Rule (USEPA) for other waters | 200,000 | ug/L | IS & E | | | | | | | | | | 1 |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,750 | ug/L | IS | | | | | | Х | | | | 1 |
| | Toxicity - sw aquatic life | USEPA Naional Recomm. WQ Criteria, chronic tox info / 10 | 500 | ug/L | E&O | | | | | | | | Х | Х | 1 |
| | | USEPA Naional Recomm. WQ Criteria, acute tox info / 10 | 630 | ug/L | E&O | | | | | | | | | | 1 |
| Total Dissolved Solids | Chemical Constituents | California Secondary MCL, recommended level | 500,000 | ug/L | G & IS | Х | Х | | Х | Х | | | | | |
| (TDS) | | California Secondary MCL, upper level | 1.000.000 | ug/L | G & IS | | | | | | | | | | 1 |
| , | | Water Quality for Agriculture (Ayers & Westcot) | 450,000 | ug/L | G & IS | | | Х | | | | Х | | | 1 |
| | Tastes and Odors | California Secondary MCL | 500,000 | ug/L | G & IS | | | | | | | | | | 1 |
| Toxaphene | Chemical Constituents | California Primary MCL | 3 | ug/L | G & IS | Х | | | | | | | | | 8001-35-2 |
| ' | Tastes and Odors | Taste & Odor Threshold (USEPA) | 140 | ug/L | G & IS | | | | | | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.03 | ug/L | G | 1 | Х | | | | | | | | |
| | CTR - humans | California Toxics Rule (USEPA) for sources of drinking water | 0.00073 | ug/L ug/L | IS | İ | | | Х | Х | | | 1 | | 1 |
| | OTT Hamans | California Toxics Rule (USEPA) for other waters | 0.00075 | ug/L | IS & E | | | | _ ^_ | | | | | | i |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 0.00073 | ug/L ug/L | 0 | 1 | † | | | | | 1 | | | İ |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 4-day average, total | 0.00021 | ug/L ug/L | IS | 1 | <u> </u> | | | | Х | 1 | | | l |
| | OTT - IW aquatic life | California Toxics Rule (USEPA), 1-hour average, total | 0.0002 | ug/L ug/L | IS | 1 | | | | | _^ | | 1 | | ł |
| | CTR - sw aquatic life | California Toxics Rule (USEPA), 1-hour average, total | 0.73 | ug/L ug/L | E | | | | | | | 1 | X | | l |
| | | | | | | | | | | | | | | | |
| | CTR - Sw aquatic file | California Toxics Rule (USEPA), 4-day average, total | 0.0002 | ug/L ug/L | E | | | - | | | | | | | |

| | | | Assessment Thresholds Recommended to Protect Designated Beneficial Uses in the Water Body | | | | | | | | | | | | |
|-------------------------|-----------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------|--------------|-------------------------|----------|-------|-----------------------|----------|--------------|------------|--------------|--------------|--------|
| | | Numeric Thresholds Recommended to Implement Objective or Criterion G= | | | | | | | | | | | Bay or | Ocean | 4 |
| | Water Quality | | | | IS=Inland SW | S=Inland SW Groundwater | | | Inland Surface Waters | | | | Estuary | Waters | 4 |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR I | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| | | USEPA Naional Recomm. WQ Criteria, 1-hour average | 0.21 | ug/L | E&O | | | | | | | | | | |

| | | | | | | Assessme | nt Thresholds I | Recommende | d to Protect | Designated E | Benefici | al Uses in the | Water Body | |
|-------------------------|----------------------------|------------------------------------------------------------|-----------------|-------|---------------|----------|-----------------|------------|--------------|--------------|----------|----------------|--------------------------------------------------|----------|
| | | Numeric Thresholds Recommended to Implement Objection | ctive or Criter | ion | G=Groundwater | | | | | | | Bay or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | I | | ice Waters | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | _ | MUN- | Aquatic Life | | Aquatic Life | | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | | | Toxicity AG | | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| 2,4,5-TP | Chemical Constituents | California Primary MCL | 50 | ug/L | G & IS | Х | | X | | | | | | 93-72-1 |
| (Silvex) | Toxicity - humans | California Public Health Goal for Drinking Water | 2 | ug/L | G & IS | | Х | | Х | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 100 | ug/L | IS | | | | | Х | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 400 | ug/L | E&O | | | | | | | X | Х | |
| 1,2,4-Trichlorobenzene | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | Х | Х | X | | | | | | 120-82-1 |
| | Tastes and Odors | Taste & Odor Threshold (USEPA) | 3,000 | ug/L | G & IS | | | | | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 5 | ug/L | G & IS | | | | Х | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.071 | ug/L | IS | | | | | X | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 0.076 | ug/L | E&O | | | | | | | Х | Х | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 5 | ug/L | IS | | | | | | | | | |
| | | USEPA Naional Recomm. WQ Criteria, acute tox info / 10 | 25 | ug/L | IS | | | | | | | | | |
| | Toxicity - sw aquatic life | USEPA Naional Recomm. WQ Criteria, chronic tox info / 10 | 12.9 | ug/L | E&O | | | | | | | | | |
| | | USEPA Naional Recomm. WQ Criteria, acute tox info / 10 | 16 | ug/L | E&O | | | | | | | | | |
| 1,1,1-Trichloroethane | Chemical Constituents | California Primary MCL | 200 | ug/L | G & IS | X | X | X | Х | | | | | 71-55-6 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 970 | ug/L | G & IS | | | | | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 1000 | ug/L | G & IS | | | | | | | | |] |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 10,000 | ug/L | IS | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 200,000 | ug/L | E&O | | | | | | | | |] |
| | | Human Health Protection Objective, fish consumption | 540,000 | ug/L | 0 | | | | | | | | | l |
| | | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,800 | ug/L | IS | | | | | X | | | | |
| | | USEPA Naional Recomm. WQ Criteria, acute tox info / 10 | 3,120 | ug/L | E&O | | | | | | | X | X | |
| 1,1,2-Trichloroethane | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | X | | | | | | | | 79-00-5 |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.3 | ug/L | G | | X | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.55 | ug/L | IS | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 8.9 | ug/L | E&O | | | | | | | | | |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 0.6 | ug/L | IS | | | X | Х | Х | | | | |
| | | National Toxics Rule (USEPA) for other waters | 42 | ug/L | IS & E | | | | | | | X | | |
| | CA Ocean Plan - human | Human Health Protection Objective, fish consumption | 9.4 | ug/L | 0 | | | | | | | | X | |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, chronic tox info / 10 | 940 | ug/L | IS | | | | | | | | | |
| | | USEPA Naional Recomm. WQ Criteria, acute tox info / 10 | 1,800 | ug/L | IS | | | | | | | | | |
| Trichloroethylene | Chemical Constituents | California Primary MCL | 5 | ug/L | G & IS | X | | | | | | | | 79-01-6 |
| (TCE) | Tastes and Odors | Odor threshold (Amoore and Hautala) | 310 | ug/L | G & IS | | | | | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 1.7 | ug/L | G | | Х | | | | | | | 1 |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 0.6 | ug/L | IS | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 7 | ug/L | E&O | | | | | | | | | 1 |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 27 | ug/L | 0 | | | | | | | | Х | 1 |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 2.7 | ug/L | IS | | | Х | Х | Х | | | | 1 |
| | | National Toxics Rule (USEPA) for other waters | 81 | ug/L | IS & E | | | | | | | Х | |] |
| | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 4,500 | ug/L | IS | | | | | | | | |] |
| | | USEPA National Recomm. WQ Criteria, other tox info / 10 | 2,190 | ug/L | IS | | | | | | | | |] |
| | Toxicity - sw aquatic life | USEPA Naional Recomm. WQ Criteria, acute tox info / 10 | 200 | ug/L | E&O | | | | | | | | | 1 |
| Trichlorofluoromethane | Chemical Constituents | California Primary MCL | 150 | ug/L | G & IS | Χ | Х | Х | Х | | | | | 75-69-4 |
| (Freon 11) | Toxicity - humans | California Public Health Goal for Drinking Water | 1,300 | ug/L | G & IS | | | | İ | | 1 | | | 1 |
| • | Toxicity - fw aquatic life | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,100 | ug/L | IS | | | | | Х | | | | 1 |
| | | USEPA Naional Recomm. WQ Criteria, chronic tox info / 10 | 640 | ug/L | E&O | | | | İ | | 1 | Х | Х | 1 |
| | , | USEPA National Recomm. WQ Criteria, acute tox info / 10 | 1,200 | ug/L | E & O | | l | 1 | 1 | 1 | + | | | 1 |

| | | | | Assessment Thresholds Recommended to Protect Designated Beneficial Uses in the Water Body | | | | | | | | | | | |
|-------------------------|-----------------------|-------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------|--------------|-------------|----------|-----|-----------------------|----------|--------------|------------|--------------|--------------|--------|
| | | Numeric Thresholds Recommended to Implement Objective or Criterion G=Gi | | | | | | | | | | | Bay or | Ocean | |
| | Water Quality | IS=Inla | | | | Groundwater | | | Inland Surface Waters | | | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| | | USEPA National Recomm. WQ Criteria, algae tox info / 10 | 1,150 | ug/L | E&O | | | | | | | | | | |

| | | | | | | Assessment Thresholds Recommended to Protect Designated Beneficial Uses in the Water Body | | | | | | | | | |
|---------------------------------------------|----------------------------|---------------------------------------------------------------|-----------------|--------------|---------------|-------------------------------------------------------------------------------------------|----------|-----|---------|----------|--------------|-----|--------------|-----------|-----------|
| | | Numeric Thresholds Recommended to Implement Object | ctive or Criter | ion | G=Groundwater | | | | | | | | Bay or Ocean | | |
| | Water Quality | | | | IS=Inland SW | Gro | undwater | | In | | ice Waters | | Estuary | Waters | |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | | MUN- | Aquatic Life | | Aquatic Life | | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | | MUN-MCL | Toxicity | AGR | MUN-MCL | Toxicity | & Consump | AGR | & Consump | & Consump | Number |
| 2,4,5-Trichlorophenoxyacetid acid (2,4,5-T) | Toxicity - humans | USEPA IRIS Reference Dose (c) | 70 | ug/L ug/L | G & IS | X | Х | | X | Х | | | | | 93-76-5 |
| 1,2,3-Trichloropropane | Toxicity - humans | California Public Health Goal for Drinking Water | 0.0007 | ug/L ug/L | G & IS | Х | Х | | Х | Х | | | | | 96-18-4 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Chemical Constituents | California Primary MCL | 1,200 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 76-13-1 |
| (Freon 113) | Tastes and Odors | California Public Health Goal for Drinking Water | >300,000 | ug/L | G & IS | | | | | | | | | | |
| ` ´ | Toxicity - humans | California Public Health Goal for Drinking Water | 4,000 | ug/L | G & IS | | | | | | | | | | |
| Trifluralin | Toxicity - humans | USEPA IRIS Cancer Risk Level | 5 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 1582-09-8 |
| 1,2,4-Trimethylbenzene | Toxicity - humans | California DPH Notification Level for drinking water | 330 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 95-63-6 |
| 1,3,5-Trimethylbenzene | Tastes and Odors | Odor threshold (Amoore and Hautala) | 15 | ug/L | G & IS | Х | Х | | Х | Х | | | | | 108-67-8 |
| | Toxicity - humans | California DPH Notification Level for drinking water | 330 | ug/L | G & IS | | | | | | | | | | |
| Vanadium | Chemical Constituents | Water Quality for Agriculture (Ayers & Westcot) | 100 | ug/L | G & IS | | | Х | | | | Χ | | | 7440-62-2 |
| | Toxicity - humans | California DPH Notification Level for drinking water | 50 | ug/L | G & IS | Х | Х | | Х | X | | | | | |
| Vinyl choride | Chemical Constituents | California Primary MCL | 0.5 | ug/L | G & IS | Х | | | X | Х | | | | | 75-01-4 |
| | Tastes and Odors | Odor threshold (Amoore and Hautala) | 3,400 | ug/L | G & IS | | | | | | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 0.05 | ug/L | G | | Х | | | | | | | | |
| | | California Toxics Rule (USEPA) for sources of drinking water | 0.022 | ug/L | IS | | | | | | | | | | |
| | | California Toxics Rule (USEPA) for other waters | 1.6 | ug/L | IS & E | | | | | | | | | | |
| | NTR - humans | National Toxics Rule (USEPA) for sources of drinking water | 2 | ug/L | IS | | | | | | | | | | |
| | | National Toxics Rule (USEPA) for other waters | 525 | ug/L | IS & E | | | | | | X | | Х | | |
| | CA Ocean Plan - humans | Human Health Protection Objective, fish consumption | 36 | ug/L | 0 | | | | | | | | | X | |
| Xylene(s) | Chemical Constituents | California Primary MCL | 1,750 | ug/L | G & IS | | | | | | | | | | 1330-20-7 |
| | Tastes and Odors | Taste & Odor Threshold (USEPA) | 17 | ug/L | G & IS | Х | Х | | Х | Х | | | | | |
| | Toxicity - humans | California Public Health Goal for Drinking Water | 1,800 | ug/L | G & IS | | | | | | | | | | |
| Zinc | Chemical Constituents | California Secondary MCL | 5,000 | ug/L | G & IS | Х | | | Х | | | | | | 7440-66-6 |
| | | Water Quality for Agriculture (Ayers & Westcot) | 2,000 | ug/L | G & IS | | | | | | | | | | |
| | Tastes and Odors | California Secondary MCL | 5,000 | ug/L | G & IS | | | | | | | | | | |
| | Toxicity - humans | USEPA IRIS Reference Dose (c) | 2,100 | ug/L | G & IS | | Χ | | | X | | | | | |
| | | USEPA National Recomm. WQ Criteria, water & fish consump. | 7,400 | ug/L | IS | | | | | | | | | | |
| | | USEPA National Recomm. WQ Criteria, fish consumption | 26,000 | ug/L | E&O | | | | | | | | | | |
| | CTR - fw aquatic life | California Toxics Rule (USEPA), 1-hour average, dissolved (I) | 54 | ug/L | IS | | | | | | X | | | | |
| | | California Toxics Rule (USEPA), 4-day average, dissolved (I) | 54 | ug/L | IS | | | | | | | | | | |
| | Toxicity - sw aquatic life | | 81 | ug/L | E&O | | | | | | | | Х | | |
| | | USEPA National Recomm. WQ Criteria, 1-hour avg, dissolved | 90 | ug/L | E&O | | | | | | | | | | |
| | CA Ocean Plan - aq life | Aquatic Life Protection Objective for Lead, 6-month median | 20 | ug/L | 0 | | | | | | | | | X | |
| | | Aquatic Life Protection Objective for Lead, daily maximum | 80 | ug/L | 0 | | | | | | | | | | |
| | | Aquatic Life Protection Objective for Lead, instantaneous max | 200 | ug/L | 0 | | | | | | | | | | |
| m-Xylene | See Xylene(s) above. | | | | | | | | | | | | | | 108-38-3 |
| o-Xylene | See Xylene(s) above. | | | | <u>-</u> | | | | | | | | | | 95-47-6 |
| p-Xylene | See Xylene(s) above. | | | | | | | | | | | | | | 106-42-3 |

Derived using the Assessment Threshold Algorithms in the Water Quality Goals Staff Report, on the web at http://www.waterboards.ca.gov/water_issues/programs/water_quality_goals/docs/wq_goals_text.pdf

*** Note: Compliance with numeric Water Quality Ojbectives from the applicable Water Quality Control Plans (Basin Plans) is also required. ***

| | | | | | | Assessment Thresholds Recommended to Protect Designated Beneficial Uses in the Water Body | | | | | | | | |
|-------------------------|-----------------------|-----------------------------------------------------------------------|-----------|-------|--------------|-------------------------------------------------------------------------------------------|------------|-------------|-----------------------|--------------|-----------|--------|--------------|--------|
| | | Numeric Thresholds Recommended to Implement Objective or Criterion G= | | | | | | | | | Ba | or | Ocean | |
| | Water Quality | | | | IS=Inland SW | Groun | ndwater | In | Inland Surface Waters | | | ıary | Waters | Ī |
| Constituent / Parameter | Objective or | Source of Numeric Threshold | Numeric | | E=EB/Estuary | | MUN- | | MUN- | Aquatic Life | Aquat | c Life | Aquatic Life | CAS |
| (Synonym) | Promulgated Criterion | (footnotes in parentheses are at bottom of table) | Threshold | Units | O=Ocean | MUN-MCL | Toxicity A | AGR MUN-MCL | Toxicity | & Consump | AGR & Cor | sump | & Consump | Number |

Notes:

- (a) For surface waters, toxicity limits may be preempted by Calfornia Toxics Rule or National Toxics Rule criteria or by California Ocean Plan objectives.
- (b) Assumes 70 kg body weight and 2 liters per day drinking water consumption.
- (c) Assumes 70 kg body weight, 2 liters per day drinking water consumption, and 20 percent relative source contrubution. An additional undertainty factor of 10 is used for Class C carcinogens.
- (d) Applies to "TCDD Equivalents" calculated from the concentrations of 2,3,7,8-chlorinated dibenzodioxins and 2,3,7,8-chlorinated dibenzofurans and their corresponding toxic equivalency factors (TEFs).
- (e) Applies separately to Aroclors 1242, 1254, 1221, 1232, 1248, 1260, and 1016.
- (f) USEPA, Region 9 has allowed acid soluble analysis in surface water samples to account for suspended clay partices, which pose little aluminum toxicity.
- (g)
- (h) In addition, the Average Primary Producer Steinhaus Similarity deviation for a site is less than 5% (as determined using Comprehensive Aquatic Systems Model (CASM) or other appropriate model and index) and is not exceeded more than once every three years (or other appropriate return frequency sufficient to allow system recovery). The 5% index for the protection of aquatic plant community should also be protective of most freshwater animals (chronic criterion).
- (i) Assumes pH 8.5, 27°C, and fish earlly life stages present.
- (j) Assumes pH 8.5 and salmonids present.
- (k) For estuarine waters, assumes maximum temperature of 25°C, maximum pH of 9.0 and minimum salinity of 20 g/kg. For ocean waters, assumes maximum temperature of 25°C, maximum pH of 8.5 and minimum salinity of 30 g/kg.
- (I) Assumes 40 mg/L hardness as CaCO3.
- (m) For sum of DDD, DDE and DDT.
- (n) For sum of carcinogenic PAHs.
- (o) Cancer risk at action level is 5 in 1,000,000.
- (p) For chlorinated phenolics.
- (q) Applies to total PCBs (e.g., sum of all congener or all isomer or homolog or Arochlor analyses).
- (r) Criterion appears in an older reference, but not in the current list of recommended criteria.
- (s) Value adjusted by rounding intermediate calculations per USEPA procedures.
- (t) Value adjusted by removing Gammarus fasciatus study results per recommendation of Finlayson, California Dept. of Fish and Game.

CTR California Toxics Rule

MFL Million fibers per liter; limited to fibers longer than 10 um.

NTR National Toxics Rule

fw freshwater

sw saltwater

tox toxicity

Beneficial Uses:

MUN-MCL = Municipal or Domestic Supply with default selection of drinking water Maximum Contaminant Level (MCL) when available

MUN-Toxicity = Municipal or Domestic Supply with consideration of human toxicity thresholds that are more stringent than drinking water MCLs

AGR = Agricultural Water Uses, including irrigation supply and stock watering

Aduatic Life & Consump = Supporting protection of aquatic life and consumption of aquatic organisms (assume consumption of both water and aquatic organisms in fresh waters)

Where no numeric aquaric life protective criteria exist, 1/10 of the published toxic level for the most sensitive aquatic life species will be considered protective. For the most recent toxic levels see http://cfpub.epa.gov/ecotox/.