

Attachment A

Santa Ana Region (SAR) Long List

Monitoring Parameter List

Section 11 – Monitoring Annual Report

| Constituent | Source | Reporting Limit | Units | Method | Holding Time (days) | Container | Field Preservative | Weather | | |
|--|--------|-----------------|-------|---------|---------------------|-----------|--------------------|---------|-----------|-----|
| | | | | | | | | Ist Wet | Other Wet | Dry |
| Volatiles | | | | | | | | | | |
| Acrolein | 1 | 10 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Acrylonitrile | 1 | 10 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Benzene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Bromoform | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Carbon tetrachloride | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Chlorobenzene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Chlorodibromomethane, also Dibromochloromethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Chloroethane | 1 | 1.0 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 2-Chloroethylvinyl ether | 1 | | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Chloroform | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Dichlorobromomethane, also Bromodichloromethane | 1 | 0.75 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,1-dichloroethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,2-dichloroethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,1-dichloroethene , also 1,1-dichloroethylene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,2-dichloropropane | 1 | 1 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,3-Dichloropropylene, also cis-1,3-dichloropropene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| ethylbenzene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Methyl Bromide , also bromomethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Methyl Chloride , also chloromethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Methylene chloride | 1 | 3 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,1,2,2-tetrachloroethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Tetrachloroethylene , also Tetrachloroethene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Toluene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,2-Trans-dichloroethylene also Trans-1,2-dichloroethene | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,1,1-trichloroethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| 1,1,2-trichloroethane | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Trichloroethylene, also Trichloroethene | 1 | 0.75 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Vinyl Chloride | 1 | 0.5 | µg/L | EPA 624 | 14 | VOA Vial | NaS2O3 | X | | |
| Acid Compounds | | | | | | | | | | |
| 2-Chlorophenol | 1 | 2.4 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2,4-Dichlorophenol | 1 | 1.2 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2,4-Dimethylphenol | 1 | 1.2 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 4,6-Dinitro-o-cresol, also 2-methyl-4,6-dinitrophenol | 1 | 6.0 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2,4-dinitrophenol | 1 | 6.0 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2-nitrophenol | 1 | 12 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 4-nitrophenol | 1 | 6.0 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| P-chloro-m-cresol, also 4-chloro-3-methylphenol | 1 | 1.2 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |

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|---|--------|-----------------|-------|---------|---------------------|-----------|--------------------|---------|-----------|-----|
| | | | | | | | | 1st Wet | Other Wet | Dry |
| Pentachlorophenol | 1 | 1.2 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Phenol | 1 | 1.2 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2,4,6-trichlorophenol | 1 | 12 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| <i>Base / Neutral</i> | | | | | | | | | | |
| Acenaphthene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Acenaphthylene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Anthracene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Benzidine | 1 | 50 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Benzo(a)anthracene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Benzo(a)pyrene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 3,4-Benzofluoranthene, also Benzo(b)fluoranthene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Benzo(ghi)perylene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Benzo(k)fluoranthene, also 11,12-Benzofluoranthene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Bis(2-chloroethoxy)methane | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Bis(2-chloroethyl)ether | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Bis(2-chloroisopropyl) ether | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Bis(2-ethylhexyl)phthalate | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 4-Bromophenyl phenyl ether | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Butyl benzyl phthalate, also Benzyl butyl phthalate | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2-Chloronaphthalene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 4-Chlorophenyl phenyl ether | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Chrysene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Dibenzo(a,h)anthracene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 1,2-Dichlorobenzene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 1,3-Dichlorobenzene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 1,4-Dichlorobenzene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 3,3'-Dichlorobenzidine | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Diethyl phthalate | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Dimethyl phthalate | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |

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|--|--------|-----------------|-------|---------|---------------------|-----------|--------------------|---------|-----------|-----|
| | | | | | | | | 1st Wet | Other Wet | Dry |
| Di-n-butylphthalate | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2,4-Dinitrotoluene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 2,6-Dinitrotoluene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Di-n-octyl phthalate | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 1,2-Diphenylhydrazine | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Fluoranthene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Fluorene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Hexachlorobenzene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Hexachlorobutadiene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Hexachlorocyclopentadiene | 1 | 50 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Hexachloroethane | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Indeno(1,2,3-cd)pyrene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Isophorone | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Napthalene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Nitrobenzene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| n-Nitrosodimethylamine | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| n-Nitrosodi-n-propylamine | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| n-Nitrosodiphenylamine | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Phenanthrene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Pyrene | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| 1,2,4-Trichlorobenzene, also Benzene, 1,2,4-trichloro- | 1 | 10 | µg/L | EPA 625 | 7* | 1 L Amber | Na2SO3 | X | | |
| Pesticides | | | | | | | | | | |
| a-Endosulfan, also Endosulfan i | 1, 5 | 0.023 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| 4,4'-DDD | 1, 5 | 0.057 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| 4,4'-DDE | 1, 5 | 0.057 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| 4,4'-DDT | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| a-BHC | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Aldrin | 1, 5 | 0.0057 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Aroclor 1016 | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |

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|----------------------------------|--------|-----------------|-------|-----------|---------------------|-------------|--------------------|---------|-----------|-----|
| | | | | | | | | 1st Wet | Other Wet | Dry |
| Aroclor 1221 | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Aroclor 1232 | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Aroclor 1242 | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Aroclor 1248 | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Aroclor 1254 | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Aroclor 1260 | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| b-BHC | 1, 5 | 0.0057 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| b-Endosulfan, also Endosulfan ii | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Chlordane | 1, 5 | 0.11 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| d-BHC | 1, 5 | 0.0057 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Dieldrin | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Endosulfan sulfate | 1, 5 | 0.057 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Endrin | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Endrin aldehyde | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| g-BHC also, Lindane | 1, 5 | 0.023 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Heptachlor | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Heptachlor epoxide | 1, 5 | 0.011 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Toxaphene | 1, 5 | 0.57 | µg/L | EPA 608 | 7* | 1 L Amber | NaSO3 | X | X | X |
| Metals (total) | | | | | | | | | | |
| Antimony | 2, 5 | 0.5 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Arsenic | 2, 5 | 1.0 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Barium | 3, 5 | 20 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Beryllium | 2, 5 | 0.5 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Boron | 3, 5 | 100 | µg/L | EPA 200.7 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Cadmium | 2, 5 | 2 | µg/L | EPA 200.7 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Chromium (all valences) | 2, 5 | 0.5 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Copper | 2, 5 | 0.5 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Lead | 2, 5 | 0.5 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Mercury | 2, 5 | 0.20 | µg/L | EPA 245.2 | 28 | 500 mL Poly | HNO3 | X | X | X |

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|--|--------|-----------------|----------|---------------|---------------------|--------------|--------------------|---------|-----------|-----|
| | | | | | | | | 1st Wet | Other Wet | Dry |
| Nickel | 2, 5 | 1.0 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Selenium | 2, 5 | 1.0 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Silver | 2, 5 | 0.25 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Thallium | 2, 5 | 1.0 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Zinc | 2, 5 | 1.0 | µg/L | EPA 200.8 | 180 | 500 mL Poly | HNO3 | X | X | X |
| Other Toxic Pollutants | | | | | | | | | | |
| Cyanide, total | 2 | 0.005 | mg/L | SM 4500 CNE | 14 | 500 mL Poly | NaOH | X | | |
| Phenols, total | 2 | 0.02 | mg/L | EPA 420.2 | 28 | 500 mL Poly | H2SO4 | X | | |
| Conventional and Nonconventional Pollutants | | | | | | | | | | |
| Color | 6 | 3 | CU | SM 2120 B | 2 | Quart Poly | ice | X | X | X |
| Dissolved Oxygen, field | 6 | 1 | mg/L | SM 4500 O C | 0.33 | BOD bottle | ice | X | X | X |
| Hardness | 6 | 3.0 | mg/L | EPA 200.7 | 180 | Quart Poly | HNO3 | X | X | X |
| Nitrogen, Nitrite (as N) | 3, 5 | 0.1 | mg/L | SM 4500 NO2 B | 2 | Quart Poly | ice | X | X | X |
| Nitrogen, Nitrate (as N) | 3, 5 | 0.2 | mg/L | EPA 300.0 | 2 | Quart Poly | ice | X | X | X |
| Nitrogen, Total Kjeldahl (as N) | 5 | 0.1 | mg/L | EPA 351.1 | 28 | 500 mL Poly | H2SO4 | X | X | X |
| Oil & Grease | 3, 5 | 2.55 | mg/L | EPA 1664 | 28 | 500 ml Amber | H2SO4 | X | X | X |
| pH, field | 5 | 1 | pH units | Field Meter | 15 min | N/A | ice | X | X | X |
| Nitrogen, total (as N) | 5 | 0.2 | mg/L | Calculation | N/A | N/A | N/A | X | X | X |
| Phosphorus, total (as P) | 3, 5 | 0.05 | mg/L | SM 4500 P B E | 28 | Quart Poly | H2SO4 | X | X | X |
| Specific Conductance, field | 5 | 1 | µmhos/cm | Field Meter | 15 min | N/A | N/A | X | X | X |
| Temperature | 6 | 1 | deg C | Field Meter | 15 min | N/A | N/A | X | X | X |
| TSS | 5 | 5 | mg/L | SM 2540 D | 7 | Quart Poly | ice | X | X | X |
| Turbidity, field | 5 | 0.2 | NTU | Field Meter | 15 min | Quart Poly | ice | X | X | X |
| Total Organic Carbon (TOC) | 5 | 0.7 | mg/L | SM 5310 B | 28 | 500 mL Poly | H2SO4 | X | X | X |
| Flow | 5 | 0.1 | cfs | varies | N/A | N/A | N/A | X | X | X |
| OP Pesticides | | | | | | | | | | |
| Aspon | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Atrazine | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Azinphos-ethyl | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Azinphos-methyl | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Bolstar | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |

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|---|--------|-----------------|-------|-----------|---------------------|-----------|--------------------|---------|-----------|-----|
| | | | | | | | | 1st Wet | Other Wet | Dry |
| Carbophenothion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Chlorfenvinphos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Chlorpyrifos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Chlorpyrifos Methyl | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Coumaphos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Crotoxyphos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Demeton-O | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Demeton-S | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Diazinon | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Dichlofenthion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Dichlorvos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Dichrotophos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Dimethoate | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Dioxathion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Disulfoton | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| EPN, also Ethyl p-nitrophenyl thiono-benzenephosphonate | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Ethion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Ethoprop | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Ethyl Parathion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Famphur | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Fenitrothion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Fensulfothion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Fenthion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Fonophos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Leptophos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Malathion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Merphos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Methyl Parathion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Mevinphos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |

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|-------------------------------------|--------|-----------------|------------|-----------|---------------------|----------------|--------------------|---------|-----------|-----|
| | | | | | | | | 1st Wet | Other Wet | Dry |
| Monocrotophos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Naled | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Phorate | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Phosmet | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Phosphamidon | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Ronnel | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Simazine | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Stirofos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Sulfotepp | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| TEPP, also tetraethyl pyrophosphate | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Terbufos | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Thionazin | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Tokuthion | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Trichlorfon | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Trichloronate | 4, 5 | 4.0 | µg/L | EPA 8141B | 7* | 1 L Amber | Na2SO3 | X | X | X |
| Bacteria | | | | | | | | | | |
| <i>E. coli</i> (MPN) | 5 | 1.1 | 100 MPN/L | SM 9223 B | 0.25 | 125 mL sterile | Na2SO3 | X | X | X |
| Fecal coliforms | 3, 5 | 2 | 100 MPN/L | SM 9221 E | 0.25 | 125 mL sterile | Na2SO3 | X | X | X |
| Total coliforms (MPN) | 5 | 1.1 | 100 MPN/L | SM 9221 B | 0.25 | 125 mL sterile | Na2SO3 | X | X | X |
| <i>Enterococcus</i> | 5 | 20 | 100 MPN/L | EPA 1600 | 0.25 | 125 mL sterile | Na2SO3 | X | X | X |
| Fecal Streptococci | 5 | | 100 MPN/L | SM 9230 B | 0.25 | 125 mL sterile | Na2SO3 | X | X | X |
| Toxicity | | | | | | | | | | |
| Ceriodaphnia | 5 | 1 | % survival | EPA 2002 | 1.5 | 4 L cube | ice | X | X | X |
| Fathead Minnow | 5 | 1 | % survival | EPA 2000 | 1.5 | 4 L cube | ice | X | X | X |
| Pseudokirchneriella | 5 | 1 | % survival | EPA 1003 | 1.5 | 4 L cube | ice | X | X | X |

1 = 40 CFR 122, Appendix D, Table II

2 = 40 CFR 122, Appendix D, Table III

3 = 40 CFR 122, Appendix D, Table IV if expected to be present

4 = 40 CFR 122, Appendix D, Table V if expected to be present

5 = Permit

6 = Additional Research, typically for compliance with narrative BPO

7* = 7 days to extract, 40 days to analyze