

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AB-CA		Page 1 of 7
Title: Specific Requirements for California Finished Drinking Water		
Revision: 2	Replaces: 10/01/01	Effective: 04/01/02

1. Purpose:

To provide a listing of PDP identified required compounds for finished drinking water.

2. Scope:

This standard operating procedure (SOP) shall be followed by the California Department of Food and Agriculture laboratory analyzing finished drinking water samples for PDP.

3. Outline of Procedure:

- 5.1 Compounds Required for California Finished Drinking Water Multiresidue Screen
- 5.2 Marker Pesticides for California Finished Drinking Water Multiresidue Screen

4. References:

- California Department of Food and Agriculture Finished Drinking Water Method Validation, April 2001
 - USDA/AMS-EPA Planning Meeting, March 14, 2001
 - USDA/AMS PDP Quality Assurance(QA)/Technical Meeting, February 21-22, 2001
 - PDP Program Plan January – June 2001
 - Memo from Cathy Eiden, EPA/OPP/HED, to Tom Gilding, ACPA, Follow-up to October 28, 1998, Work Group Meeting
 - PDP/Drinking Water Monitoring Work Group Meeting, October 28, 1998
 - PDP/Drinking Water Monitoring Work Group Meeting, September 8, 1998
 - USGS NAWQA Program Constituents (Occurrence Based)
 - US EPA OGWDW/OW, Regulated Contaminants
 - US EPA OGWDW/OW, Pesticides Considered Occurrence Priorities under the Candidate Contaminant List (CCL)
 - US EPA OGWDW/OW, Pesticides under Unregulated Contaminants Monitoring
 - US EPA OPP Potential PDP List, Scheduled REDs
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**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AB-CA		Page 2 of 7
Title: Specific Requirements for California Finished Drinking Water		
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5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

5.1 Compounds Required for California Finished Drinking Water Multi Residue Screen

Finished Drinking Water Compound	Reported As	Pest Code
3-Hydroxycarbofuran		512
3-Ketocarbofuran		218
Alachlor		227
Aldicarb sulfone		168
Aldicarb sulfoxide		169
Azinphos ethyl		547
Azinphos methyl		042
Bendiocarb		658
Benfluralin		191
Bifenthrin		930
Captan		011
Carbaryl		102
Carbofuran		180
Carbophenothion		202
Chlordane cis		173
Chlordane trans		172
Chlorfenvinphos	Chlorfenvinphos alpha	616
	And Chlorfenvinphos beta	617
	Or Chlorfenvinphos (total combined)	AAK
Chlorpyrifos		160
Chlorpyrifos methyl		235
Chlorpyrifos O-analog		772
Coumaphos		124
Coumaphos O-analog		614

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AB-CA		Page 3 of 7
Title: Specific Requirements for California Finished Drinking Water		
Revision: 2	Replaces: 10/01/01	Effective: 04/01/02

Finished Drinking Water Compound	Reported As	Pest Code
Cyfluthrin		781
Cypermethrin		597
DCPA (Dacthal)		134
DDE p,p'		910
DEF (tribufos)		217
Diazinon		024
Diazinon O-analog		395
Dichlorvos (DDVP)		338
Dicofol p,p'		254
Dicrotophos		209
Dieldrin		028
Dimethoate		171
Disulfoton		117
Disulfoton sulfone		216
Endosulfan I		900
Endosulfan II		901
Endosulfan sulfate		902
Endrin		034
Fenvalerate/Esfenvalerate	Fenvalerate	546
	And Esfenvalerate	714
	Or Fenvalerate (total combined)	546
Ethalfuralin		721
Ethion		107
Ethion mono oxon		AAX
Ethoprop		175
Fenamiphos		236
Fenamiphos sulfone		745
Fenitrothion		391
Fenitrothion O-analog		648
Fenthion		177
Fenthion O-analog		691
Fonofos		163
Heptachlor epoxide		143

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AB-CA		Page 4 of 7
Title: Specific Requirements for California Finished Drinking Water		
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Finished Drinking Water Compound	Reported As	Pest Code
Isofenphos		258
Malathion		052
Malathion O-analog		208
Methidathion		197
Methidathion O-analog		ACE
Methiocarb		195
Methomyl		159
Methoxychlor p,p'		275
Metribuzin		181
Mevinphos (total)		069
Myclobutanil		679
Napropamide		594
Oxamyl		537
Oxychlorthane		349
Oxydemeton methyl sulfone		245
Oxyfluorfen		713
Parathion		065
Parathion methyl		057
Parathion methyl O-analog		779
Parathion O-analog		370
Pendimethalin		230
Permethrin trans		223
Phorate		148
Phorate O-analog		928
Phorate sulfone		189
Phosalone		166
Phosalone O-analog		929
Phosmet		165
Phosphamidon		203
Pirimiphos methyl		562
Profenofos		224
Prometon		942
Prometryn		249

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AB-CA		Page 5 of 7
Title: Specific Requirements for California Finished Drinking Water		
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Finished Drinking Water Compound	Reported As	Pest Code
Pronamide		540
Propachlor		675
Propanil		341
Propargite		623
Propetamphos		636
Propiconazole I		ABH
Propiconazole II		ABI
Propoxur		162
Simazine		149
Sulfotepp		311
Sulprofos		609
Sulprofos O-analog		ACQ
Tebupirimphos		A59
Tebupirimphos O-analog		ACR
Terbufos		205
Terbufos O-analog		A60
Terbufos sulfone		963
Tetrachlorvinphos		176
Tetradifon		108
Thiobencarb		726
Triadimefon		608
Vinclozolin		529

5.2 Marker Pesticides for California Finished Drinking Water Multiresidue Screen

3-Hydroxycarbofuran	Carbaryl	Chlorpyrifos
Coumaphos	Dichlorvos (DDVP)	Dimethoate
Ethalfuralin	Methidathion	Methoxychlor p,p'
Oxamyl	Oxyfluorfen	Pendimethalin
Phosalone	Prometon	Propanil

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AB-CA		Page 6 of 7
Title: Specific Requirements for California Finished Drinking Water		
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