

SUISUN BAY: RMP (SFEI)

1993-2001

495

Chlorpyrifos

Test Mater Matrix	Site Code	Cruise #	Sample Da	Qual	Result	MDL	Unit
ES_WATE DISSOLVE BF20		1993-03	03/05/1993		50.05	0.84	pg/L
ES_WATE DISSOLVE BF20		1994-01	02/08/1994		364.06	0.70	pg/L
ES_WATE DISSOLVE BF20		1994-04	04/27/1994		100.00	1.60	pg/L
ES_WATE DISSOLVE BF20		1994-08	08/23/1994		180.00	1.60	pg/L
ES_WATE DISSOLVE BF20		1995-02	02/14/1995		67.00	1.60	pg/L
ES_WATE DISSOLVE BF20		1995-04	04/20/1995		110.00	1.60	pg/L
ES_WATE DISSOLVE BF20		1995-08	08/22/1995		29.00	0.50	pg/L
ES_WATE DISSOLVE BF20		1996-02	02/13/1996		360.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1996-04	04/24/1996		400.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1996-07	07/23/1996	ND		1.00	pg/L
ES_WATE DISSOLVE BF20		1997-01	01/28/1997		460.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1997-04	04/22/1997		200.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1997-07	08/05/1997		230.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1998-02	02/03/1998	ND		1.00	pg/L
ES_WATE DISSOLVE BF20		1998-04	04/15/1998	ND		1.00	pg/L
ES_WATE DISSOLVE BF20		1998-07	07/28/1998	b	200.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1999-02	02/09/1999		165.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1999-04	04/21/1999	b	310.00	1.00	pg/L
ES_WATE DISSOLVE BF20		1999-07	07/20/1999		8.35	1.00	pg/L
ES_WATE DISSOLVE BF20		2000-07	07/18/2000		110.00	1.00	pg/L
ES_WATE DISSOLVE BF20		2001-08	08/08/2001		48.50	1.00	pg/L

ADD TO
BABY FAC
R-2

Dacthal				Diazinon				
Qual	Result	MDL	Unit	Qual	Result	MDL	Unit	Qual
	1,034.20	0.92	pg/L					
	1,669.80	0.70	pg/L		14,686.00	0.70	pg/L	
	670.00	0.89	pg/L		6,200.00	130.00	pg/L	
	440.00	0.89	pg/L		1,700.00	130.00	pg/L	ND
	300.00	0.89	pg/L		7,100.00	130.00	pg/L	ND
	230.00	0.90	pg/L		2,700.00	130.00	pg/L	ND
	180.00	0.90	pg/L		1,800.00	130.00	pg/L	
	4.90	1.00	pg/L		58,000.00	180.00	pg/L	ND
	1,200.00	1.00	pg/L		5,000.00	180.00	pg/L	ND
	150.00	1.00	pg/L		6,400.00	180.00	pg/L	
	32.00	1.00	pg/L	Q		204.00	pg/L	
	200.00	1.00	pg/L		1,700.00	204.00	pg/L	
	42.00	1.00	pg/L		540.00	204.00	pg/L	
	370.00	1.00	pg/L	M		204.00	pg/L	
ND		1.00	pg/L	M		204.00	pg/L	
b	190.00	1.00	pg/L		776.67	204.00	pg/L	
	330.00	1.00	pg/L		15,000.00	204.00	pg/L	
	4.55	1.00	pg/L		2,700.00	210.00	pg/L	
ND		1.00	pg/L		4,900.00	85.00	pg/L	
	55.00	1.00	pg/l		1,200.00	204.00	pg/l	
	46.00	1.00	pg/l		796.67	204.00	pg/l	

Dieldrin				Endosulfan I				Endosul
Result	MDL	Unit	Qual	Result	MDL	Unit	Qual	Result
111.30	0.84	pg/L		8.42	0.74	pg/L	Q	
86.92	0.70	pg/L	ND		0.70	pg/L	ND	
140.00	1.38	pg/L	ND		1.05	pg/L	ND	
	1.38	pg/L	ND		1.67	pg/L	ND	
	1.38	pg/L	ND		1.05	pg/L	ND	
	1.40	pg/L	ND		1.10	pg/L	ND	
129.00	1.60	pg/L	ND		1.10	pg/L	ND	
	1.00	pg/L		34.00	1.00	pg/L	ND	
	1.00	pg/L	ND		1.00	pg/L	ND	
27.00	1.00	pg/L	ND		1.00	pg/L	ND	
250.00	1.00	pg/L	ND		1.00	pg/L	ND	
110.00	1.00	pg/L	ND		1.00	pg/L	ND	
110.00	1.00	pg/L	ND		1.00	pg/L	ND	
36.00	1.00	pg/L	ND		1.00	pg/L	ND	
1.87	1.00	pg/L	ND		1.00	pg/L	ND	
100.00	1.00	pg/L	ND		1.00	pg/L	ND	
67.50	1.00	pg/L		30.50	1.00	pg/L		8.75
64.00	1.00	pg/L	ND		1.00	pg/L	ND	
46.00	1.00	pg/L		6.40	1.00	pg/L		3.60
45.00	1.00	pg/l		9.60	1.00	pg/l	ND	
51.00	1.00	pg/l	ND		1.00	pg/l		3.90

ulfan II

Endosulfan Sulfate

Endrin

MDL	Unit	Qual	Result	MDL	Unit	Qual	Result	MDL
0.92	pg/l	Q		0.92	pg/l			
0.70	pg/L	M		0.70	pg/L			
1.67	pg/L	ND		1.15	pg/L	CE		1.05
1.15	pg/L	ND		0.92	pg/L		25.00	1.05
1.67	pg/L	ND		1.15	pg/L		4.20	1.35
1.70	pg/L	ND		1.20	pg/L	ND		1.40
1.70	pg/L	ND		1.20	pg/L	ND		1.40
1.00	pg/L	ND		1.00	pg/L	ND		1.00
1.00	pg/L	ND		1.00	pg/L	ND		1.00
1.00	pg/L		11.00	1.00	pg/L	ND		1.00
1.00	pg/L		150.00	1.00	pg/L	ND		1.00
1.00	pg/L		86.00	1.00	pg/L	ND		1.00
1.00	pg/L		79.00	1.00	pg/L	ND		1.00
1.00	pg/L		4.20	1.00	pg/L	ND		1.00
1.00	pg/L	ND		1.00	pg/L	ND		1.00
1.00	pg/L		24.00	1.00	pg/L	B		1.00
1.00	pg/L		79.00	1.00	pg/L		3.25	1.00
1.00	pg/L		96.50	1.00	pg/L		1.45	1.00
1.00	pg/L		24.50	1.00	pg/L	ND		1.00
1.00	pg/l		89.00	1.00	pg/l	b	12.00	1.00
1.00	pg/l		130.00	1.00	pg/l	ND		1.00

Heptachlor				Heptachlor Epoxide				
Unit	Qual	Result	MDL	Unit	Qual	Result	MDL	Unit
						7.62		0.70 pg/L
pg/L	ND		0.80 pg/L	e		25.00		0.80 pg/L
pg/L		5.80	0.80 pg/L			19.00		0.80 pg/L
pg/L	ND		1.60 pg/L			180.00		0.67 pg/L
pg/L	ND		1.60 pg/L			56.00		1.60 pg/L
pg/L		1.90	1.60 pg/L			10.00		1.60 pg/L
pg/L	ND		1.00 pg/L			9.40		1.00 pg/L
pg/L		4.50	1.00 pg/L			12.00		1.00 pg/L
pg/L	ND		1.00 pg/L			19.20		1.00 pg/L
pg/L	ND		1.00 pg/L			26.00		1.00 pg/L
pg/L	ND		1.00 pg/L			2.10		1.00 pg/L
pg/L	ND		1.00 pg/L			24.00		1.00 pg/L
pg/L	Q		1.00 pg/L	ND				1.00 pg/L
pg/L	ND		1.00 pg/L	ND				1.00 pg/L
pg/L		7.90	1.00 pg/L	B				1.00 pg/L
pg/L		1.15	1.00 pg/L			9.00		1.00 pg/L
pg/L		1.00	1.00 pg/L			7.05		1.00 pg/L
pg/L	ND		1.00 pg/L			3.10		1.00 pg/L
pg/l		3.20	1.00 pg/l			5.00		1.00 pg/l
pg/l	ND		1.00 pg/l			48.00		1.00 pg/l

Hexachlorobenzene

Mirex

Qual	Result	MDL	Unit	Qual	Result	MDL	Unit	Qual
	12.18	0.84	pg/L					
	5.63	0.70	pg/L					
	7.80	0.80	pg/L	ND		0.80	pg/L	
	11.00	0.80	pg/L	ND		0.80	pg/L	
	9.40	1.60	pg/L	ND		0.50	pg/L	
	15.00	1.60	pg/L	ND		0.50	pg/L	
	4.20	1.60	pg/L	ND		0.50	pg/L	
	17.00	1.00	pg/L	ND		1.00	pg/L	ND
	12.00	1.00	pg/L		0.18	1.00	pg/L	
	5.70	1.00	pg/L	ND		1.00	pg/L	ND
	15.00	1.00	pg/L	ND		1.00	pg/L	
	6.30	1.00	pg/L	ND		1.00	pg/L	ND
	4.80	1.00	pg/L	ND		1.00	pg/L	
M		1.00	pg/L	ND		1.00	pg/L	
	30.00	1.00	pg/L	ND		1.00	pg/L	
	15.00	1.00	pg/L	ND		1.00	pg/L	
	18.00	1.00	pg/L	ND		1.00	pg/L	
	8.30	1.00	pg/L	ND		1.00	pg/L	
	8.35	1.00	pg/L	ND		1.00	pg/L	ND
b	15.00	1.00	pg/l	ND		1.00	pg/l	
b	27.50	1.00	pg/l	ND		1.00	pg/l	

Oxadiazon				Oxychlordan				Sum of Chlor
Result	MDL	Unit	Qual	Result	MDL	Unit	Qual	Result
116.34		pg/L						32.28
4,210.10	0.70	pg/L	ND		0.70	pg/L		90.03
160.00	1.66	pg/L	ND		0.80	pg/L		78.50
130.00	1.66	pg/L		7.20	0.80	pg/L		120.00
110.00	1.66	pg/L	ND		1.60	pg/L		228.10
20.00	1.70	pg/L	ND		1.60	pg/L		119.30
12.00	1.70	pg/L		2.80	1.60	pg/L		100.70
	1.00	pg/L	ND		1.00	pg/L		90.70
72.00	1.00	pg/L		20.00	1.00	pg/L		109.70
	1.00	pg/L	ND		1.00	pg/L		90.80
15.00	1.00	pg/L		90.00	1.00	pg/L		180.90
	1.00	pg/L		71.00	1.00	pg/L		114.60
100.00	1.00	pg/L		76.00	1.00	pg/L		111.20
610.00	1.00	pg/L	ND		1.00	pg/L		12.50
2.00	1.00	pg/L	ND		1.00	pg/L		55.10
240.00	1.00	pg/L	ND		1.00	pg/L		72.90
1,850.00	1.00	pg/L		2.25	1.00	pg/L		48.40
20.00	1.00	pg/L		1.50	1.00	pg/L		44.20
	1.00	pg/L	ND		1.00	pg/L		29.20
110.00	1.00	pg/l		14.00	1.00	pg/l		55.10
420.00	1.00	pg/l		23.50	1.00	pg/l		103.85

danes (SFEI)

Sum of DDTs (SFEI)

Sum of HCHs (SFEI)

MDL	Unit	Qual	Result	MDL	Unit	Qual	Result	MDL
	pg/L		71.71		pg/L		65.60	
	pg/L		62.55		pg/L		222.50	
	pg/L		209.50		pg/L		1,330.00	
	pg/L		424.50		pg/L		1,605.00	
	pg/L		184.30		pg/L		117.00	
	pg/L		247.80		pg/L		164.00	
	pg/L		245.80		pg/L		610.40	
	pg/L		615.00		pg/L		150.00	
	pg/L		286.80		pg/L		87.90	
	pg/L		265.10		pg/L		566.00	
	pg/L		496.00		pg/L		299.00	
	pg/L		338.00		pg/L		392.00	
	pg/L		304.90		pg/L		307.70	
	pg/L		15.80		pg/L	S		
	pg/L		57.00		pg/L		177.00	
	pg/L		291.40		pg/L		378.00	
	pg/L		111.50		pg/L		146.80	
	pg/L		166.00		pg/L		164.40	
	pg/L		132.80		pg/L		147.00	
	pg/L		199.30		pg/L		124.80	
	pg/L		255.00		pg/L		295.00	

alpha-Chlordane				alpha-HCH				
Unit	Qual	Result	MDL	Unit	Qual	Result	MDL	Unit
pg/L		8.93	0.84	pg/L		2.31	0.84	pg/L
pg/L		16.22	0.70	pg/L		38.13	0.70	pg/L
pg/L		14.00	0.80	pg/L		340.00	0.80	pg/L
pg/L		26.00	0.80	pg/L		500.00	0.80	pg/L
pg/L		20.00	1.60	pg/L	M		1.60	pg/L
pg/L		23.00	1.60	pg/L		25.00	1.60	pg/L
pg/L		30.00	1.60	pg/L		220.00	1.60	pg/L
pg/L		37.00	1.00	pg/L		20.00	1.00	pg/L
pg/L		30.00	1.00	pg/L		4.40	1.00	pg/L
pg/L		30.00	1.00	pg/L		170.00	1.00	pg/L
pg/L		22.00	1.00	pg/L		150.00	1.00	pg/L
pg/L		19.00	1.00	pg/L		130.00	1.00	pg/L
pg/L		7.20	1.00	pg/L		78.00	1.00	pg/L
pg/L	ND		1.00	pg/L	M		1.00	pg/L
pg/L		23.33	1.00	pg/L		54.67	1.00	pg/L
pg/L	b	40.00	1.00	pg/L	b	81.00	1.00	pg/L
pg/L		8.70	1.00	pg/L		15.50	1.00	pg/L
pg/L		16.50	1.00	pg/L		34.50	1.00	pg/L
pg/L		9.00	1.00	pg/L		42.00	1.00	pg/L
pg/L		13.00	1.00	pg/l		36.00	1.00	pg/l
pg/L		11.40	1.00	pg/l		57.00	1.00	pg/l

beta-HCH				cis-Nonachlor				
Qual	Result	MDL	Unit	Qual	Result	MDL	Unit	Qual
	10.31	0.84	pg/L	Q		0.84	pg/L	
	31.86	0.70	pg/L	ND		0.70	pg/L	
	340.00	0.80	pg/L		6.50	0.80	pg/L	ND
	160.00	0.80	pg/L		14.00	0.80	pg/L	
	72.00	1.60	pg/L		3.10	1.60	pg/L	
	26.00	1.60	pg/L		7.80	1.60	pg/L	
	66.00	1.60	pg/L		10.00	1.60	pg/L	
	35.00	1.00	pg/L		3.40	1.00	pg/L	
	57.00	1.00	pg/L		7.20	1.00	pg/L	
	92.00	1.00	pg/L		9.10	1.00	pg/L	
	19.00	1.00	pg/L		4.90	1.00	pg/L	ND
	42.00	1.00	pg/L	ND		1.00	pg/L	ND
	9.70	1.00	pg/L		4.00	1.00	pg/L	ND
M		1.00	pg/L	ND		1.00	pg/L	ND
	12.33	1.00	pg/L	B		1.00	pg/L	B
	27.00	1.00	pg/L	B		1.00	pg/L	B
	16.50	1.00	pg/L		1.60	1.00	pg/L	
	4.75	1.00	pg/L		3.60	1.00	pg/L	
	14.00	1.00	pg/L		4.65	1.00	pg/L	
	16.00	1.00	pg/l		3.90	1.00	pg/l	
	145.00	1.00	pg/l		1.45	1.00	pg/l	ND

delta-HCH				gamma-Chlordane				gamma:
Result	MDL	Unit	Qual	Result	MDL	Unit	Qual	Result
				7.13	0.84	pg/L		52.98
			e	53.55	0.70	pg/L		152.51
	0.80	pg/L		16.00	0.80	pg/L		650.00
35.00	0.80	pg/L		29.00	0.80	pg/L		910.00
21.00	1.60	pg/L		14.00	1.60	pg/L		24.00
58.00	1.60	pg/L		17.00	1.60	pg/L		55.00
4.40	1.60	pg/L		23.00	1.60	pg/L		320.00
13.00	1.00	pg/L		13.00	1.00	pg/L		82.00
21.00	1.00	pg/L		21.00	1.00	pg/L		5.50
14.00	1.00	pg/L		15.00	1.00	pg/L		290.00
	1.00	pg/L		16.00	1.00	pg/L		130.00
	1.00	pg/L		13.00	1.00	pg/L		220.00
	1.00	pg/L	ND		1.00	pg/L		220.00
	1.00	pg/L		4.30	1.00	pg/L	M	
	1.00	pg/L		27.67	1.00	pg/L		110.00
	1.00	pg/L		15.00	1.00	pg/L		270.00
3.90	1.00	pg/L		8.10	1.00	pg/L		110.00
3.35	1.00	pg/L		6.85	1.00	pg/L		115.00
1.80	1.00	pg/L		4.80	1.00	pg/L		83.00
70.00	1.00	pg/l		5.00	1.00	pg/l		2.80
	1.00	pg/l		9.90	1.00	pg/l		93.00

a-HCH

o,p'-DDD

o,p'-DDE

MDL	Unit	Qual	Result	MDL	Unit	Qual	Result	MDL
0.84	pg/L		18.12	0.84	pg/L		0.60	0.84
0.70	pg/L		14.14	0.70	pg/L		5.27	0.70
0.80	pg/L		23.00	0.80	pg/L		1.50	0.80
0.80	pg/L		29.00	0.80	pg/L		3.50	0.80
1.60	pg/L		4.00	1.60	pg/L		4.30	0.50
1.60	pg/L		8.80	1.60	pg/L		9.20	0.50
1.60	pg/L		36.00	1.60	pg/L		3.70	0.50
1.00	pg/L		110.00	1.00	pg/L		17.00	1.00
1.00	pg/L		31.00	1.00	pg/L		5.80	1.00
1.00	pg/L		41.00	1.00	pg/L		7.10	1.00
1.00	pg/L		51.00	1.00	pg/L		10.00	1.00
1.00	pg/L		55.00	1.00	pg/L		2.60	1.00
1.00	pg/L		23.00	1.00	pg/L		8.90	1.00
1.00	pg/L	ND		1.00	pg/L	Q		1.00
1.00	pg/L		22.67	1.00	pg/L		12.67	1.00
1.00	pg/L	b	34.00	1.00	pg/L	B		1.00
1.00	pg/L		6.35	1.00	pg/L		5.45	1.00
1.00	pg/L	b	28.00	1.00	pg/L		4.00	1.00
1.00	pg/L		17.50	1.00	pg/L		1.85	1.00
1.00	pg/l		25.00	1.00	pg/l		7.30	1.00
1.00	pg/l	Q		1.00	pg/l	Q		1.00

o,p'-DDT				p,p'-DDD				
Unit	Qual	Result	MDL	Unit	Qual	Result	MDL	Unit
pg/L						22.96	0.84	pg/L
pg/L	ND		0.70 pg/L		ND		0.70	pg/L
pg/L	ND		0.80 pg/L			130.00	0.80	pg/L
pg/L	ND		0.80 pg/L			350.00	0.80	pg/L
pg/L	ND		0.50 pg/L			92.00	1.60	pg/L
pg/L		1.80	0.50 pg/L			120.00	1.60	pg/L
pg/L		2.10	0.50 pg/L			140.00	1.60	pg/L
pg/L	Q		1.00 pg/L			180.00	1.00	pg/L
pg/L	Q		1.00 pg/L			120.00	1.00	pg/L
pg/L	Q		1.00 pg/L			150.00	1.00	pg/L
pg/L	M		1.00 pg/L			110.00	1.00	pg/L
pg/L		8.40	1.00 pg/L			160.00	1.00	pg/L
pg/L	M		1.00 pg/L			200.00	1.00	pg/L
pg/L	Q		1.00 pg/L			3.70	1.00	pg/L
pg/L	Q		1.00 pg/L		B		1.00	pg/L
pg/L	Q		1.00 pg/L		b	160.00	1.00	pg/L
pg/L		13.00	1.00 pg/L			23.50	1.00	pg/L
pg/L		4.80	1.00 pg/L			51.00	1.00	pg/L
pg/L	ND		1.00 pg/L			59.50	1.00	pg/L
pg/l	Q		1.00 pg/l			130.00	1.00	pg/l
pg/l	Q,b		1.00 pg/l			115.00	1.00	pg/l

p,p'-DDE				p,p'-DDT				
Qual	Result	MDL	Unit	Qual	Result	MDL	Unit	Qual
	21.36	0.84	pg/L		8.67	0.84	pg/L	
	43.14	0.70	pg/L	ND		0.70	pg/L	
	44.00	0.80	pg/L		11.00	0.80	pg/L	
	42.00	0.80	pg/L	ND		0.80	pg/L	
	76.00	0.50	pg/L		8.00	1.60	pg/L	
	94.00	0.50	pg/L		14.00	1.60	pg/L	
	49.00	0.50	pg/L		15.00	1.60	pg/L	
	290.00	1.00	pg/L		18.00	1.00	pg/L	
	110.00	1.00	pg/L		20.00	1.00	pg/L	
	54.00	1.00	pg/L		13.00	1.00	pg/L	
	230.00	1.00	pg/L		95.00	1.00	pg/L	
	100.00	1.00	pg/L		12.00	1.00	pg/L	
	73.00	1.00	pg/L	ND		1.00	pg/L	B
	7.90	1.00	pg/L		4.20	1.00	pg/L	
	34.00	1.00	pg/L		5.73	1.00	pg/L	
b	89.00	1.00	pg/L		8.40	1.00	pg/L	
	73.00	1.00	pg/L	ND		1.00	pg/L	
	76.50	1.00	pg/L		2.75	1.00	pg/L	
	44.00	1.00	pg/L		4.80	1.00	pg/L	
	37.00	1.00	pg/l	ND		1.00	pg/l	
	140.00	1.00	pg/l	b	26.00	1.00	pg/l	

trans-Nonachlor

Aldrin

Result	MDL	Unit	Qual	Result	MDL	Unit
16.21	0.84	pg/L				
12.64	0.70	pg/L				
17.00	0.80	pg/L				
19.00	0.80	pg/L				
11.00	1.60	pg/L				
15.50	1.60	pg/L				
23.00	1.60	pg/L				
27.90	1.00	pg/L				
15.00	1.00	pg/L				
17.50	1.00	pg/L				
22.00	1.00	pg/L				
9.50	1.00	pg/L				
	1.00	pg/L				
8.20	1.00	pg/L				
3.57	1.00	pg/L				
10.00	1.00	pg/L				
19.00	1.00	pg/L				
9.25	1.00	pg/L				
6.85	1.00	pg/L				
11.00	1.00	pg/l				
8.15	1.00	pg/l				