

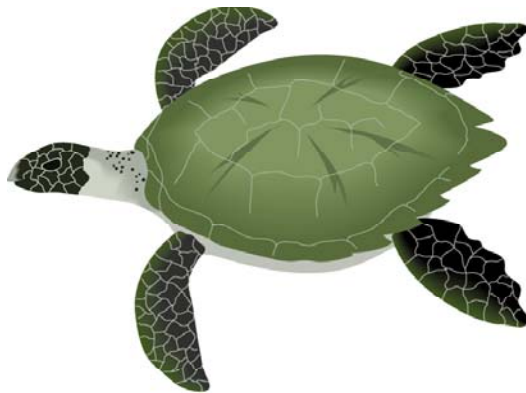


**United States Air Force
15th Air Base Wing
Environmental Restoration Program**

Waimanalo Stream ITIR

EE/CA for OU1

**Bellows Air Force Station
Oahu, Hawaii**



Attachment G

**Comparison of Surface Water Screening Levels
to State of Hawaii Water Quality Standards**

Attachment G

Comparison of Surface Water Screening Levels with State of Hawaii Water Quality Standards

Chemical concentrations in surface water were compared to the most stringent of the following: National Recommended Water Quality Criteria (1998 federal AWQC); 64 FR 68357068364, December 10, 1998), criteria based on lowest observed effects levels (LOELs) or proposed criteria for the protection of aquatic organisms, or HDOH Tier 1 action levels (HDOH, 1996). The marine chronic AWQC were used to ensure adequate protectiveness of potential aquatic receptors and only those HDOH values that were applicable to protection of aquatic resources were utilized (i.e., no human health-derived HDOH values were used). This approach is slightly more conservative than the approach detailed in the Work Plan in that it retains the most stringent of the criteria, and is not done on a hierarchical basis. For the purposes of this risk screening evaluation, and per the Work Plan, federal AWQC are used as a basis for determining screening levels protective of aquatic life; note that State of Hawaii Water Quality Standards (HAR, Title II, Chapter 54) are greater than or equal to federal AWQC with the exception of copper and selected VOCs and SVOCs.

Table G-1 lists the screening levels used for Waimanalo Stream as compared to the Hawaii WQS. As indicated in Table G-1, Hawaii WQS are lower than the screening levels for two VOCs (1,1,2,2-tetrachloroethane and 1,2-DCA [dichloroethane]), ten SVOCs (2,4-DNT; 2,6-DNT; 2-nitrophenol; 4-nitrophenol; hexachlorobutadiene; hexachlorocyclobutadiene, hexachloroethane; isophorone; nitrobenzene; and phenol), and one metal (copper). There are no chronic WQS values for VOCs or SVOCs, so these differences are based on comparisons with acute WQS values. The screening levels for total and dissolved copper (0.0037 and 0.0031 mg/L, respectively) are slightly higher than the WQS value of 0.0029 mg/L. Therefore, these differences are not expected to change the outcome of the evaluation.

Table G-1

Comparison of Screening Levels to State of Hawaii Water Quality Standards

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical Group	Analyte	CAS	Units	Final Screening Level		Hawaii WQS			
				Value	Source	Chronic Value	Final Screening Level?	Acute Value	Final Screening
VOC	1,1,1,2-Tetrachloroethane	630-20-6	µg/L	--	--		---		---
VOC	1,1,1-TCA	71-55-6	µg/L	6,000	HDOH Tier 1		---		---
VOC	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	9,020	Saltwater CCC LOEL		---	3,000	YES
VOC	1,1,2-TCA	79-00-5	µg/L	--	--		---		---
VOC	1,1-DCA	75-34-3	µg/L	--	--		---		---
VOC	1,1-DCE	75-35-4	µg/L	3,900	HDOH Tier 1		---	75,000	no
VOC	1,1-Dichloropropene	563-58-6	µg/L	790	Saltwater CCC LOEL		---		---
VOC	1,2,3-Trichlorobenzene	87-61-6	µg/L	129	Saltwater CCC LOEL		---		---
VOC	1,2,3-Trichloropropane	96-18-4	µg/L	--	--		---		---
VOC	1,2,4-Trimethylbenzene	95-63-6	µg/L	--	--		---		---
VOC	1,2-DCA	107-06-2	µg/L	113,000	Saltwater CMC LOEL		---	75,000	YES
VOC	1,2-Dibromo-3-chloropropane	96-12-8	µg/L	129	Saltwater CCC LOEL		---		---
VOC	1,2-Dichloropropane	78-87-5	µg/L	3,040	Saltwater CCC LOEL		---	3,400	no
VOC	1,2-EDB	106-93-4	µg/L	--	--		---		---
VOC	1,3,5-Trimethylbenzene	108-67-8	µg/L	--	--		---		---
VOC	1,3-Dichloropropane	142-28-9	µg/L	3,040	Saltwater CCC LOEL		---	3,400	no
VOC	1-Chlorohexane	544-10-5	µg/L	--	--		---		---
VOC	2,2-Dichloropropane	594-20-7	µg/L	3,040	Saltwater CCC LOEL		---	3,400	no
VOC	2-Chlorotoluene	95-49-8	µg/L	--	--		---		---
VOC	4-Chlorotoluene	106-43-4	µg/L	--	--		---		---
VOC	Benzene	71-43-2	µg/L	700	Saltwater CCC LOEL		---	1,700	no
VOC	Bromobenzene	108-86-1	µg/L	--	--		---		---
VOC	Bromochloromethane	74-97-5	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Bromodichloromethane	75-27-4	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Bromoform	75-25-2	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Bromomethane	74-83-9	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Carbon tetrachloride	56-23-5	µg/L	12,000	HDOH Tier 1		---	16,000	no
VOC	Chlorobenzene	108-90-7	µg/L	129	Saltwater CCC LOEL, exclude MCL-based HDOH Tier 1		---		---
VOC	Chloroethane	75-00-3	µg/L	--	--		---		---
VOC	Chloroform	67-66-3	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Chloromethane	74-87-3	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Cis-1,2-DCE	156-59-2	µg/L	224,000	Saltwater CMC LOEL		---		---
VOC	Cis-1,3-Dichloropropene	10061-01-5	µg/L	--	--		---		---
VOC	Dibromochloromethane	124-48-1	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Dibromomethane	74-95-3	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Dichlorodifluoromethane	75-71-8	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Ethylbenzene	100-41-4	µg/L	30	Saltwater CMC LOEL		---	140	no
VOC	Isopropylbenzene	98-82-8	µg/L	--	--		---		---
VOC	m, p-Xylene	108-38-3/1	µg/L	--	MCL-Based HDOH excluded		---		---
VOC	Methylene chloride	75-09-2	µg/L	6,400	Saltwater CCC LOEL, exclude MCL-based HDOH Tier 1		---		---
VOC	n-Butylbenzene	104-51-8	µg/L	--	--		---		---
VOC	n-Propylbenzene	103-65-1	µg/L	--	--		---		---

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Comparison of Screening Levels to State of Hawaii Water Quality Standards

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical Group	Analyte	CAS	Units	Final Screening Level		Hawaii WQS			
				Value	Source	Chronic Value	Final Screening Level?	Acute Value	Final Screening
VOC	o-Xylene	95-47-6	µg/L	--	MCL-Based HDOH excluded		---		---
VOC	p-Isopropyltoluene	99-87-6	µg/L	--	--		---		---
VOC	Sec-Butylbenzene	135-98-8	µg/L	--	--		---		---
VOC	Styrene	100-42-5	µg/L	--	--		---		---
VOC	TCE	79-01-6	µg/L	700	HDOH Tier 1		---	700	no
VOC	Tert-Butylbenzene	98-06-6	µg/L	--	--		---		---
VOC	Tetrachloroethene	127-18-4	µg/L	145	HDOH Tier 1	145	no	3,400	no
VOC	Toluene	108-88-3	µg/L	2,100	HDOH Tier 1		---	2,100	no
VOC	Trans-1,2-DCE	156-60-5	µg/L	224,000	Saltwater CMC LOEL		---		---
VOC	Trans-1,3-Dichloropropene	10061-02-6	µg/L	--	--		---	260	no
VOC	Trichlorofluoromethane	75-69-4	µg/L	6,400	Saltwater CCC LOEL		---		---
VOC	Vinyl chloride	75-01-4	µg/L	--	MCL-Based HDOH excluded		---		---
TPH	TPH-Diesel	TPH-DIESEL	µg/L	--	--		---		---
TPH	TPH-Gasoline	TPH-GASOLINE	µg/L	--	--		---		---
SVOC	1,2,4-Trichlorobenzene	120-82-1	µg/L	129	Saltwater CCC LOEL		---		---
SVOC	1,2-DCB	95-50-1	µg/L	129	Saltwater CCC LOEL		---	660	no
SVOC	1,3-DCB	541-73-1	µg/L	129	Saltwater CCC LOEL		---	660	no
SVOC	1,4-DCB	106-46-7	µg/L	129	Saltwater CCC LOEL		---	660	no
SVOC	2,4,5-Trichlorophenol	95-95-4	µg/L	11	Saltwater CCC proposed criterion		---		---
SVOC	2,4,6-Trichlorophenol	88-06-2	µg/L	--	--		---		---
SVOC	2,4-Dichlorophenol	120-83-2	µg/L	--	--		---		---
SVOC	2,4-Dimethylphenol	105-67-9	µg/L	--	--		---		---
SVOC	2,4-Dinitrophenol	51-28-5	µg/L	--	--		---		---
SVOC	2,4-DNT	121-14-2	µg/L	370	Saltwater CCC LOEL		---	200	YES
SVOC	2,6-DNT	606-20-2	µg/L	370	Saltwater CCC LOEL		---	200	YES
SVOC	2-Chloronaphthalene	91-58-7	µg/L	7.5	Saltwater CMC LOEL		---		---
SVOC	2-Chlorophenol	95-57-8	µg/L	--	--		---		---
SVOC	2-Methylnaphthalene	91-57-6	µg/L	--	--		---		---
SVOC	2-Methylphenol	95-48-7	µg/L	--	--		---		---
SVOC	2-Nitroaniline	88-74-4	µg/L	--	--		---		---
SVOC	2-Nitrophenol	88-75-5	µg/L	4,850	Saltwater CMC LOEL		---	1,600	YES
SVOC	3,3'-Dichlorobenzidine	91-94-1	µg/L	--	--		---		---
SVOC	3-Nitroaniline	99-09-2	µg/L	--	--		---		---
SVOC	4,6-Dinitro-2-methylphenol	534-52-1	µg/L	--	--		---		---
SVOC	4-Bromophenyl phenyl eth	101-55-3	µg/L	--	--		---		---
SVOC	4-Chloro-3-methylphenol	59-50-7	µg/L	--	--		---		---
SVOC	4-Chloroaniline	106-47-8	µg/L	--	--		---		---
SVOC	4-Chlorophenyl phenyl eth	7005-72-3	µg/L	--	--		---		---
SVOC	4-Methylphenol	106-44-5	µg/L	--	--		---		---
SVOC	4-Nitroaniline	100-01-6	µg/L	--	--		---		---
SVOC	4-Nitrophenol	100-02-7	µg/L	4,850	Saltwater CMC LOEL		---	1,600	YES
SVOC	Benzoic acid	65-85-0	µg/L	--	--		---		---

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Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical Group	Analyte	CAS	Units	Final Screening Level		Hawaii WQS			
				Value	Source	Chronic Value	Final Screening Level?	Acute Value	Final Screening
SVOC	Benzyl alcohol	100-51-6	µg/L	--	--		---		---
SVOC	Bis (2-chloroethoxy) metha	111-91-1	µg/L	6,400	Saltwater CCC LOEL		---		---
SVOC	Bis (2-chloroethyl) ether	111-44-4	µg/L	--	--		---		---
SVOC	Bis (2-chloroisopropyl) eth	108-60-1	µg/L	--	--		---		---
SVOC	Bis (2-ethylhexyl) phthalate	117-81-7	µg/L	360	Saltwater CCC proposed criterion		---		---
SVOC	Butyl benzylphthalate	85-68-7	µg/L	3.4	Saltwater CCC LOEL		---		---
SVOC	Dibenzofuran	132-64-9	µg/L	--	--		---		---
SVOC	Diethyl phthalate	84-66-2	µg/L	3.4	Saltwater CCC LOEL		---		---
SVOC	Dimethyl phthalate	131-11-3	µg/L	3.4	Saltwater CCC LOEL		---		---
SVOC	Di-n-butylphthalate	84-74-2	µg/L	3.4	Saltwater CCC LOEL		---		---
SVOC	Di-n-octylphthalate	117-84-0	µg/L	3.4	Saltwater CCC LOEL		---		---
SVOC	Hexachlorobenzene	118-74-1	µg/L	129	Saltwater CCC LOEL		---		---
SVOC	Hexachlorobutadiene	87-68-3	µg/L	32	Saltwater CMC LOEL		---	11	YES
SVOC	Hexachlorocyclopentadien	77-47-4	µg/L	7.0	Saltwater CMC LOEL		---	2.0	YES
SVOC	Hexachloroethane	67-72-1	µg/L	940	Saltwater CMC LOEL		---	310	YES
SVOC	Isophorone	78-59-1	µg/L	12,900	Saltwater CMC LOEL		---	4,300	YES
SVOC	Nitrobenzene	98-95-3	µg/L	6,680	Saltwater CMC LOEL		---	2,200	YES
SVOC	N-Nitrosodi-n-propylamine	621-64-7	µg/L	3.30E+06	Saltwater CMC LOEL		---		---
SVOC	N-Nitrosodiphenylamine	86-30-6	µg/L	3.30E+06	Saltwater CMC LOEL		---		---
SVOC	Pentachlorophenol	87-86-5	µg/L	7.9	Saltwater CCC		---	13	no
SVOC	Phenol	108-95-2	µg/L	5,800	Saltwater CMC LOEL		---	170	YES
PEST	4,4'-DDD	72-54-8	µg/L	0.60	HDOH Tier 1		---		---
PEST	4,4'-DDE	72-55-9	µg/L	14	HDOH Tier 1		---		---
PEST	4,4'-DDE/Dieldrin	72-55-9/60-57-1	µg/L	0.0019	Saltwater CCC		---		---
PEST	4,4'-DDT	50-29-3	µg/L	0.0010	HDOH Tier 1		---		---
PEST	Aldrin	309-00-2	µg/L	1.3	Saltwater CMC		---	1.3	no
PEST	alpha-BHC	319-84-6	µg/L	0.34	Saltwater CMC LOEL		---		---
PEST	beta-BHC	319-85-7	µg/L	0.34	Saltwater CMC LOEL		---		---
PEST	Chlordane (Alpha)	5103-71-9	µg/L	0.0040	Saltwater CCC LOEL	0.0040	no	0.090	no
PEST	Chlordane (Gamma)	5103-74-2	µg/L	0.0040	Saltwater CCC LOEL	0.0040	no	0.090	no
PEST	delta-BHC	319-86-8	µg/L	0.34	Saltwater CMC LOEL		---		---
PEST	Dieldrin	60-57-1	µg/L	0.0019	Saltwater CCC	0.0019	no	0.71	no
PEST	Endosulfan I	959-98-8	µg/L	0.0087	Saltwater CCC	0.0087	no	0.034	no
PEST	Endosulfan II	33213-65-9	µg/L	0.0087	Saltwater CCC	0.0087	no	0.034	no
PEST	Endosulfan sulfate	1031-07-8	µg/L	--	--		---		---
PEST	Endrin	72-20-8	µg/L	0.0023	Saltwater CCC	0.0023	no	0.037	no
PEST	Endrin aldehyde	7421-93-4	µg/L	--	--		---		---
PEST	gamma-BHC (Lindane)	58-89-9	µg/L	0.16	Saltwater CMC		---	0.16	no
PEST	Heptachlor	76-44-8	µg/L	0.0036	Saltwater CCC	0.0036	no	0.053	no
PEST	Heptachlor epoxide	1024-57-3	µg/L	0.0036	Saltwater CCC		---		---
PEST	Methoxychlor	72-43-5	µg/L	0.030	Saltwater CCC	0.030	no		---
PEST	Toxaphene	8001-35-2	µg/L	2.00E-04	Saltwater CCC	2.00E-04	no	0.21	no

Table G-1

Comparison of Screening Levels to State of Hawaii Water Quality Standards

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical				Final Screening Level		Hawaii WQS			
Group	Analyte	CAS	Units	Value	Source	Chronic Value	Final Screening Level?	Acute Value	Final Screening
PCB	Aroclor-1016	12674-11-2	µg/L	0.030	Saltwater CCC	0.030	no	10	no
PCB	Aroclor-1221	11104-28-2	µg/L	0.030	Saltwater CCC	0.030	no	10	no
PCB	Aroclor-1232	11141-16-5	µg/L	0.030	Saltwater CCC	0.030	no	10	no
PCB	Aroclor-1242	53469-21-9	µg/L	0.030	Saltwater CCC	0.030	no	10	no
PCB	Aroclor-1248	12672-29-6	µg/L	0.030	Saltwater CCC	0.030	no	10	no
PCB	Aroclor-1254	11097-69-1	µg/L	0.030	Saltwater CCC	0.030	no	10	no
PCB	Aroclor-1260	11096-82-5	µg/L	0.030	Saltwater CCC	0.030	no	10	no
PAH	Acenaphthene	83-32-9	µg/L	320	HDOH Tier 1	---	---	320	no
PAH	Acenaphthylene	208-96-8	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Anthracene	120-12-7	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Benzo (a) anthracene	56-55-3	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Benzo (a) pyrene	50-32-8	µg/L	300	Saltwater CMC LOEL, exclude MCL-based HDOH Tier 1	---	---	---	---
PAH	Benzo (b) fluoranthene	205-99-2	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Benzo (g,h,i) perylene	191-24-2	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Benzo (k) fluoranthene	207-08-9	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Chrysene	218-01-9	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Dibenzo (a,h) anthracene	53-70-3	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Fluoranthene	206-44-0	µg/L	13	HDOH Tier 1	---	---	13	no
PAH	Fluorene	86-73-7	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Indeno (1,2,3-c,d) pyrene	193-39-5	µg/L	300	Saltwater CMC LOEL	---	---	---	---
PAH	Naphthalene	91-20-3	µg/L	770	HDOH Tier 1	---	---	780	no
PAH	Phenanthrene	85-01-8	µg/L	4.6	Saltwater CCC proposed criterion	---	---	---	---
PAH	Pyrene	129-00-0	µg/L	300	Saltwater CMC LOEL	---	---	---	---
METALS	Aluminum	7429-90-5	mg/L	--	--	---	---	---	---
METALS	Aluminum, dissolved	7429-90-5_D	mg/L	--	--	---	---	---	---
METALS	Antimony	7440-36-0	mg/L	0.50	Saltwater CCC proposed criterion	---	---	---	---
METALS	Antimony, dissolved	7440-36-0_D	mg/L	0.50	Saltwater CCC proposed criterion	---	---	---	---
METALS	Arsenic	7440-38-2	mg/L	0.036	Saltwater CCC	0.036	no	0.069	no
METALS	Arsenic, dissolved	7440-38-2_D	mg/L	0.036	Saltwater CCC	0.036	no	0.069	no
METALS	Barium	7440-39-3	mg/L	--	--	---	---	---	---
METALS	Barium, dissolved	7440-39-3_D	mg/L	--	--	---	---	---	---
METALS	Beryllium	7440-41-7	mg/L	--	--	---	---	---	---
METALS	Beryllium, dissolved	7440-41-7_D	mg/L	--	--	---	---	---	---
METALS	Cadmium	7440-43-9	mg/L	0.0090	HDOH Tier 1	0.093	no	0.043	no
METALS	Cadmium, dissolved	7440-43-9_D	mg/L	0.0090	HDOH Tier 1	0.093	no	0.043	no
METALS	Calcium	7440-70-2	mg/L	--	--	---	---	---	---
METALS	Calcium, dissolved	7440-70-2_D	mg/L	--	--	---	---	---	---
METALS	Chromium	7440-47-3	mg/L	0.050	Saltwater CMC	0.050	no	1.1	no
METALS	Chromium, dissolved	7440-47-3_D	mg/L	0.050	Saltwater CMC	0.050	no	1.1	no
METALS	Cobalt	7440-48-4	mg/L	--	--	---	---	---	---
METALS	Cobalt, dissolved	7440-48-4_D	mg/L	--	--	---	---	---	---
METALS	Copper	7440-50-8	mg/L	0.0037	Saltwater CCC	0.0029	YES	0.0029	YES

Table G-1

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Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical Group	Analyte	CAS	Units	Final Screening Level		Hawaii WQS			
				Value	Source	Chronic Value	Final Screening Level?	Acute Value	Final Screening
METALS	Copper, dissolved	7440-50-8_D	mg/L	0.0031	Saltwater CCC	0.0029	YES	0.0029	YES
METALS	Iron	7439-89-6	mg/L	--	--		--		--
METALS	Iron, dissolved	7439-89-6_D	mg/L	--	--		--		--
METALS	Lead	7439-92-1	mg/L	0.0056	HDOH Tier 1		--	0.14	no
METALS	Lead, dissolved	7439-92-1_D	mg/L	0.0056	HDOH Tier 1		--	0.14	no
METALS	Magnesium	7439-95-4	mg/L	--	--		--		--
METALS	Magnesium, dissolved	7439-95-4_D	mg/L	--	--		--		--
METALS	Manganese	7439-96-5	mg/L	--	--		--		--
METALS	Manganese, dissolved	7439-96-5_D	mg/L	--	--		--		--
METALS	Mercury	7439-97-6	mg/L	0.0011	Saltwater CCC		--	0.0021	no
METALS	Mercury, dissolved	7439-97-6_D	mg/L	9.40E-04	Saltwater CCC		--	0.0021	no
METALS	Nickel	7440-02-0	mg/L	0.0083	Saltwater CCC	0.0083	no	0.075	no
METALS	Nickel, dissolved	7440-02-0_D	mg/L	0.0082	Saltwater CCC	0.0083	no	0.075	no
METALS	Potassium	7440-09-7	mg/L	--	--		--		--
METALS	Potassium, dissolved	7440-09-7_D	mg/L	--	--		--		--
METALS	Selenium	7782-49-2	mg/L	0.071	Saltwater CCC	0.071	no	0.30	no
METALS	Selenium, dissolved	7782-49-2_D	mg/L	0.071	Saltwater CCC	0.071	no	0.30	no
METALS	Silver	7440-22-4	mg/L	0.0022	Saltwater CMC		--	0.0023	no
METALS	Silver, dissolved	7440-22-4_D	mg/L	0.0019	Saltwater CMC		--	0.0023	no
METALS	Sodium	7440-23-5	mg/L	--	--		--		--
METALS	Sodium, dissolved	7440-23-5_D	mg/L	--	--		--		--
METALS	Thallium	7440-28-0	mg/L	2.1	Saltwater CMC LOEL		--	0.71	YES
METALS	Thallium, dissolved	7440-28-0_D	mg/L	2.1	Saltwater CMC LOEL		--	0.71	YES
METALS	Vanadium	7440-62-2	mg/L	--	--		--		--
METALS	Vanadium, dissolved	7440-62-2_D	mg/L	--	--		--		--
METALS	Zinc	7440-66-6	mg/L	0.086	Saltwater CCC	0.086	no	0.095	no
METALS	Zinc, dissolved	7440-66-6_D	mg/L	0.081	Saltwater CCC	0.086	no	0.095	no
HERB	2,4,5-T	93-76-5	µg/L	--	--		--		--
HERB	2,4,5-TP (Silvex)	93-72-1	µg/L	--	--		--		--
HERB	2,4-D	94-75-7	µg/L	--	--		--		--
HERB	2,4-DB	94-82-6	µg/L	--	--		--		--
HERB	Dalapon	75-99-0	µg/L	--	--		--		--
HERB	Dicamba	1918-00-9	µg/L	--	--		--		--
HERB	Dichloroprop	120-36-5	µg/L	--	--		--		--
HERB	Dinoseb	88-85-7	µg/L	--	--		--		--
HERB	MCPA	94-74-6	µg/L	--	--		--		--
HERB	MCPP	93-65-2	µg/L	--	--		--		--
CONV	Ammonia-N	13767-16-3	µg/L	--	--		--		--
CONV	Chloride	CHLORIDE	µg/L	--	--		--		--
CONV	Cyanide	5955-70-0	µg/L	1.0	Saltwater CCC		--		--
CONV	Nitrate	NITRATE-N	µg/L	--	--		--		--
CONV	Nitrite	NITRITE-N	µg/L	--	--		--		--

Table G-1

Comparison of Screening Levels to State of Hawaii Water Quality Standards

Bellows OU1 EE/CA, Bellows AFS, Hawaii

Chemical				Final Screening Level		Hawaii WQS			
Group	Analyte	CAS	Units	Value	Source	Chronic Value	Final Screening Level?	Acute Value	Final Screening
CONV	Phosphate	PHOSPHATE	µg/L	0.10	Saltwater CCC		---		---
CONV	Sulfate	SULFATE	µg/L	--	--		---		---
CONV	Sulfide	SULFIDE	µg/L	2.0	Saltwater CCC		---		---
CONV	Total Phosphorous-P	TOTAL PHOSPHOROU	µg/L	0.10	Saltwater CCC		---		---

Notes:

Chemical Groups

CONV = conventional parameters

HERB = herbicides

Abbreviations

µg/L = micrograms per liter