Table 7-6
Summary of EPCs for Onsite Surface Water

Onsite Pond Surface Water COPC	Units	A-Series Pond Surface Water		Pond A-5 Surface Water		Pond 13 Surface Water		Pond 18 Surface Water		RCF Surface Water		RCF, A-Series, Pond 13 Surface Water		Pondwide Surface Water	
		EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
DIOXIN															
DIOXIN-Total Avian Dioxin TEQ	pg/l	--	ND	0.0072	Max	0.0029	Max	0.0022	Max	0.0025	Max	0.0029	Max	0.0072	Max
DIOXIN-Total Fish Dioxin TEQ	pg/l	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
DIOXIN-Total TEQ	pg/l	--	ND	0.0217	Max	0.0087	Max	0.0065	Max	0.0075	Max	0.0087	Max	0.0217	Max
METALS															
Metals-Antimony	ug/l	0.4800	Max	0.4500	Max	--	ND	4.8	Max	--	ND	0.4800	Max	4.80	Max
Metals-Antimony (Dissolved)	ug/l	1.00	Max	1.10	Max	--	ND	0.6400	Max	--	ND	1.00	Max	1.10	Max
Metals-Arsenic	ug/l	210	Max	330	Max	310	Max	99	Max	190	Max	310	Max	220	UCL
Metals-Arsenic (Dissolved)	ug/l	290	Max	250	Max	710	Max	90	Max	400	Max	710	Max	390	UCL
Metals-Barium	ug/l	41	Max	48	Max	56	Max	39	Max	41	Max	56	Max	40.1	UCL
Metals-Barium (Dissolved)	ug/l	140	Max	150	Max	150	Max	200	Max	190	Max	190	Max	149	UCL
Metals-Beryllium	ug/l	0.5100	Max	1.40	Max	0.2300	Max	0.7100	Max	--	ND	0.5100	Max	1.40	Max
Metals-Beryllium (Dissolved)	ug/l	0.0190	Max	0.3500	Max	0.4400	Max	0.1600	Max	0.0950	Max	0.4400	Max	0.2120	UCL
Metals-Cadmium	ug/l	--	ND	3.50	Max	--	ND	1.1	Max	--	ND	--	ND	3.50	Max
Metals-Cadmium (Dissolved)	ug/l	0.2000	Max	--	ND	--	ND	0.5700	Max	--	ND	0.2	Max	0.5700	Max
Metals-Chromium	ug/l	32	Max	89	Max	16	Max	41	Max	--	ND	32	Max	44.3	UCL
Metals-Chromium (Dissolved)	ug/l	30	Max	97	Max	92	Max	41	Max	60	Max	92	Max	70.1	UCL
Metals-Cobalt	ug/l	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Metals-Cobalt (Dissolved)	ug/l	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Metals-Copper	ug/l	30	Max	29	Max	24	Max	31	Max	19	Max	30	Max	26.0	UCL
Metals-Copper (Dissolved)	ug/l	6.10	Max	21	Max	--	ND	10	Max	--	ND	6.10	Max	21.0	Max
Metals-Lead	ug/l	0.1900	Max	0.2100	Max	--	ND	0.3400	Max	--	ND	0.1900	Max	0.3400	Max
Metals-Lead (Dissolved)	ug/l	--	ND	--	ND	--	ND	0.1200	Max	9.6	Max	9.6	Max	9.6	Max
Metals-Manganese	ug/l	320	Max	2700	Max	530	Max	330	Max	160	Max	530	Max	2114	UCL
Metals-Manganese (Dissolved)	ug/l	530	Max	2000	Max	490	Max	290	Max	170	Max	530	Max	779	UCL
Metals-Mercury	ug/l	0.12	Max	0.1600	Max	0.1200	Max	0.1400	Max	0.1100	Max	0.1200	Max	0.1350	UCL
Metals-Mercury (Dissolved)	ug/l	0.21	Max	0.092	Max	0.1300	Max	0.1700	Max	0.0580	Max	0.2100	Max	0.1410	UCL
Metals-Molybdenum	ug/l	44	Max	48	Max	38	Max	56	Max	38	Max	44	Max	46.0	UCL
Metals-Molybdenum (Dissolved)	ug/l	42	Max	63	Max	43	Max	61	Max	47	Max	47	Max	51.5	UCL
Metals-Nickel	ug/l	440	Max	550	Max	430	Max	340	Max	120	Max	440	Max	372	UCL
Metals-Nickel (Dissolved)	ug/l	440	Max	540	Max	2000	Max	330	Max	460	Max	2000	Max	850	UCL
Metals-Selenium	ug/l	900	Max	1400	Max	1600	Max	430	Max	970	Max	1600	Max	1008	UCL
Metals-Selenium (Dissolved)	ug/l	820	Max	940	Max	2900	Max	360	Max	1600	Max	2900	Max	1479	UCL
Metals-Silver	ug/l	--	ND	0.5700	Max	0.2700	Max	0.2400	Max	--	ND	0.2700	Max	0.5700	Max
Metals-Silver (Dissolved)	ug/l	--	ND	--	ND	--	ND	0.4600	Max	--	ND	--	ND	0.4600	Max

Table 7-6
Summary of EPCs for Onsite Surface Water

Onsite Pond Surface Water COPC	Units	A-Series Pond Surface Water		Pond A-5 Surface Water		Pond 13 Surface Water		Pond 18 Surface Water		RCF Surface Water		RCF, A-Series, Pond 13 Surface Water		Pondwide Surface Water	
		EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis	EPC	Basis
Metals-Thallium	ug/l	--	ND	--	ND	--	ND	2.00	Max	--	ND	--	ND	2.00	Max
Metals-Thallium (Dissolved)	ug/l	--	ND	--	ND	--	ND	1.00	Max	--	ND	--	ND	1.00	Max
Metals-Tin	ug/l	--	ND	--	ND	--	ND	1.30	Max	--	ND	--	ND	1.30	Max
Metals-Vanadium	ug/l	110	Max	75	Max	120	Max	40	Max	97	Max	120	Max	85.7	UCL
Metals-Vanadium (Dissolved)	ug/l	63	Max	54	Max	--	ND	34	Max	--	ND	63	Max	63.0	Max
Metals-Zinc	ug/l	20	Max	27	Max	38	Max	25	Max	69	Max	69	Max	37.6	UCL
Metals-Zinc (Dissolved)	ug/l	98	Max	79	Max	30	Max	76	Max	45	Max	98	Max	59.8	UCL
PAHs															
PAH-Benzo(a)anthracene	ug/l	--	ND	--	ND	--	ND	0.0100	Max	--	ND	--	ND	0.0100	Max
PAH-Benzo(a)pyrene	ug/l	--	ND	--	ND	0.0130	Max	--	ND	0.013	Max	0.0130	Max	0.0130	Max
PAH-Benzo(b)fluoranthene	ug/l	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
PAH-Benzo(g,h,i)perylene	ug/l	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
PAH-Dibenzo(a,h)anthracene	ug/l	--	ND	--	ND	--	ND	0.0130	Max	--	ND	--	ND	0.0130	Max
PAH-Naphthalene	ug/l	0.0130	Max	--	ND	0.0130	Max	--	ND	0.0160	Max	0.0160	Max	0.0160	Max
SVOCs															
SVOC-Bis(2-chloroethyl)ether	ug/l	0.0200	Max	--	ND	--	ND	--	ND	0.0180	Max	0.0200	Max	0.0200	Max
SVOC-Bis(2-ethylhexyl)phthalate	ug/l	--	ND	51	Max	--	ND	--	ND	--	ND	--	ND	51.0	Max
SVOC-N-Nitrosodiethylamine	ug/l	--	ND	--	ND	--	ND	0.1900	Max	--	ND	--	ND	0.1900	Max
SVOC-N-Nitrosodipropylamine	ug/l	--	ND	0.4900	Max	--	ND	--	ND	--	ND	--	ND	0.4900	Max
SVOC-N-Nitrosopyrrolidine	ug/l	0.3600	Max	1.50	Max	0.5500	Max	--	ND	0.0350	Max	0.5500	Max	0.6140	UCL
VOCs															
VOC-1,1-Dichloroethane	ug/l	--	ND	1.30	Max	--	ND	0.4400	Max	--	ND	--	ND	1.3	Max
VOC-1,2-Dibromoethane (EDB)	ug/l	0.0120	Max	0.0028	Max	0.0068	Max	--	ND	0.0054	Max	0.0120	Max	0.0120	Max
VOC-Acetone	ug/l	--	No Data	18	Max	--	No Data	--	No Data	--	No Data	--	No Data	18	Max
VOC-Acetonitrile	ug/l	--	No Data	--	No Data	--	No Data	--	No Data	--	No Data	--	No Data	--	No Data
VOC-Carbon disulfide	ug/l	--	ND	--	ND	--	ND	0.4300	Max	--	ND	--	ND	0.4300	Max
VOC-Methyl isobutyl ketone (MIBK)	ug/l	--	No Data	--	No Data	--	No Data	--	No Data	--	No Data	--	No Data	--	No Data
VOC-Methylene chloride	ug/l	--	ND	--	ND	1.50	Max	0.5000	Max	7.00	Max	7.00	Max	7.00	Max
VOC-Propanal	ug/l	--	ND	12	Max	--	ND	14	Max	--	ND	--	ND	14	Max
VOC-Trichloroethylene	ug/l	--	ND	1.30	Max	--	ND	1.20	Max	--	ND	--	ND	1.30	Max

Notes: Exposure point concentration (EPC)

Chemical of Potential Concern (COPC); " -- " not applicable/not available

1: 95UCL calculated on COPCs with at least 8 samples and 5 detections

2: Maximum (MAX) detects used in place of 95UCL for COPCs not meeting criteria (1) above

3: Parameters with 100% nondetects have "ND" reported

4: Maximum of duplicate samples selected