

Luggage Point AWTP and Lake Wivenhoe Points of Supply incidents for noncompliance with water quality criteria: Failure to test or missing data - July 2021 to June 2022

Incident Number	Date Reported	Parameter	Frequency in Monitoring Plan	CAS RN	Unit of measure	Guideline value	Point of Supply (PoS)	Count of missed test/data	date of missed test/data	date of resample(s)
RWI-SRN013-21-09060	12/08/2021	4-Nonylphenol (mixture of isomers)	W	84852-15-3	ug/L	500	Luggage Point AWTP PoS	4	6/07/21; 20/07/21; 27/07/21;	27/08/21(1); 27/08/21(2);
		Dicofol	M	115-32-2	ug/L	4	Luggage Point AWTP PoS	1	3/08/21	2/09/21; 3/09/21
		Dicofol		115-32-2	ug/L	4	Lake Wivenhoe PoS	2	6/07/21; 20/07/21 (later found to have not been missed)	16/08/2021; n/a
		dioxin and dioxin-like toxic equivalent (teq)(Olor)	M		pg/L	16	Luggage Point AWTP PoS	1	13/07/21 (later found to have not been missed)	n/a
Subtotal								8		
RWI-SRN013-22-09554	4/04/2022	17-alpha-ethynylestradiol	M	57-63-6	ng/L	2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		4-nonylphenol (mixture of isomers)	W	84852-15-3	ug/L	500	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		acrylamide (2-propenamide)	M	79-06-1	ug/L	0.2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		amitraz	M	33089-61-1	ug/L	9	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		arsenic - total	M	7440-38-2	mg/L	0.01	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		benzo(a)pyrene	M	50-32-8	ug/L	0.01	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		boron - total	W	7440-42-8	mg/L	4	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		bromate	M	15541-45-4	mg/L	0.02	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		cadmium - total	M	7440-43-9	mg/L	0.002	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		carbamazepine	W	298-46-4	ug/L	100	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		carbophenothion	M	786-19-6	ug/L	0.5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		chlorate	W	14866-68-3	mg/L	0.8	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		chlordan - total	M	57-74-9	ug/L	2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		chlorfenvinphos	M	470-90-6	ug/L	2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		chlorothalonil	M	1897-45-6	ug/L	50	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		clostridium perfringens	W		cfu/100ml	0	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		coumarin	M	91-64-5	ug/L	0.5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		cyanide - total	M	57-12-5	mg/L	0.08	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		ddt - total	M	50-29-3	ug/L	9	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		demeton-s	M	126-75-0	ug/L	0.2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		di (2-Ethylhexyl) phtalate	M			10	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		diazinon	W	333-41-5	ug/L	4	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		dichloromethane (methylene chloride)	M	75-09-2	ug/L	4	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		dichlorvos	M	62-73-7	ug/L	5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		diclofenac	W	15307-86-5	ug/L	2	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		diclofop-methyl	M	51338-27-3	ug/L	5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22

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		dicofol	M	115-32-2	ug/L	4	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		dioxin and dioxin-like toxic equivalent (teq)(Olor)	M		pg/L	16	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		diuron - total	W	330-54-1	ug/L	20	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		diuron	W	330-54-1	ug/L		Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		endosulfan - total	M	115-29-7	ug/L	20	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		epichlorohydrin	M	106-89-8	ug/L	0.5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		escherichia coli (E. coli)	W		cfu/100ml	0	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		ethion	M	563-12-2	ug/L	4	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Ethoprophos (Mocap)	M	13194-48-4	ug/L	1	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		ethylenediamine tetraacetic acid (edta)	W	60-00-4	ug/L	250	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		fenitrothion	M	122-14-5	ug/L	7	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		fenthion	M	55-38-9	ug/L	7	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		formaldehyde	W	50-00-0	mg/L	0.5	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		f-specific rna coliphages	W		pfu/100mL	0	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		galaxolide	W	1222-05-5	ug/L	2000	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		glyphosate - total	W	1071-83-6	ug/L	1000	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		glyphosate	W	1071-83-6	ug/L		Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		gross alpha (screening value)	W			0.5	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		gross beta (k corrected) (screening value)	W			0.5	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		haloxyfop - total	M	69806-34-4	ug/L	1	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		haloxyfop-methyl	M	69806-40-2	ug/L	0.2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		heptachlor - total	M	76-44-8	ug/L	0.3	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Imidacloprid - total	W		ug/L	200	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		lead - total	M	7439-92-1	mg/L	0.01	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		manganese - total	M	7439-96-5	mg/L	0.5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		mcpa (2-methyl-4-chlorophenoxyacetic acid)	W	94-74-6	ug/L	40	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		mercury - total	M	7439-97-6	mg/L	0.001	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		mestranol	M	72-33-3	ng/L	2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		methidathion	M	950-37-8	ug/L	6	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		methyl bromide (bromomethane)	M	74-83-9	ug/L	1	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22

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		metoprolol	W	51384-51-1	ug/L	20	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		mevinphos	M	7786-34-7	ug/L	5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		molinate	M	2212-67-1	ug/L	4	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		monocrotophos	M	6923-22-4	ug/L	2	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		ndma (n-Nitrosodimethylamine)(ng/L)	W	62-75-9	ng/L	100	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		nickel - total	M	7440-02-0	mg/L	0.02	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		nitrate (as n)	W	14797-55-8	mg/L	50	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		nmor (n-nitrosomorpholine)	M	59-89-2	ng/L	1	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		omethoate	M	1113-02-6	ug/L	1	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		parathion (methyl)	M	298-00-0	ug/L	0.7	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		pirimicarb	M	23103-98-2	ug/L	7	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		pirimiphos-methyl	M	29232-93-7	ug/L	90	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		profenofos	M	41198-08-7	ug/L	0.3	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		propargite	M	2312-35-8	ug/L	7	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		selenium - total	M	7782-49-2	mg/L	0.01	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		somatic coliphages	W		pfu/100mL	0	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		sulfamethoxazole (sulphamethoxazole)	W	723-46-6	ug/L	200	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		total trihalomethanes	W		ug/L	250	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		Tri-n-butyl phosphate	M	126-73-8	ug/L	0.5	Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Total Alkalinity (as CaCO3)	M		mg/L		Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Ammonia (as N) - Total	M	7664-41-7	mg/L		Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Chlorine - Total (Field Measurement)	W	7782-50-5	mg/L	5	Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
		Nitrite + Nitrate (as N)	M		mg/L		Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Total Nitrogen (as N)	M	7727-37-9	mg/L		Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Total Phosphorus (as P)	M	7723-14-0	mg/L		Lake Wivenhoe PoS	2	11/01/2022; 8/02/22	23/05/22; 13/06/22
		Turbidity	W		NTU		Lake Wivenhoe PoS	6	11/01/22; 8/02/22; 15/02/22; 22/02/22, 22/03/22; 29/03/22	23/05/22; 13/06/22; 27/04/22; 9/05/22; 19/05/22; 30/05/22
							Subtotal	276		
RWI-SRN013-22-09593	29/04/2022	formaldehyde	W	50-00-0	mg/L	0.5	Lake Wivenhoe PoS	2	7/04/22; 12/04/2022	16/05/22; 6/06/22
		ethylenediamine tetraacetic acid (edta)	W	60-00-4	ug/L	250	Lake Wivenhoe PoS	2	7/04/22; 12/04/2022	16/05/22; 6/06/22
							Subtotal	4		
								Count of missed test/data	288	