



EPL No:	12555
Entity Name:	Cleanaway Refiners Pty Ltd
Site:	41 Kyle Street, Rutherford NSW 2320
Monitoring Frequency:	Annually
Link to NSW EPA Register:	Click Here

Published Date	Obtained Date	Sample Date	Parameter	Unit of Measure	No. Samples Required	No. Samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value	Comment
20-Jan-22	19-Jan-22	17-Dec-21	Monitoring Point 6 - BH06 / MW21							
			Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1	0	N/A	N/A	N/A	MW12 & MW21 were dry at the time of the assessment.
			TPH C10-C36 Fraction	micrograms per litre	1	0	N/A	N/A	N/A	
			TPH C6-C9 Fraction	micrograms per litre	1	0	N/A	N/A	N/A	
			Monitoring Point 10 - MW12							
			Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1	0	N/A	N/A	N/A	MW12 & MW21 were dry at the time of the assessment.
			TPH C10-C36 Fraction	micrograms per litre	1	0	N/A	N/A	N/A	
			TPH C6-C9 Fraction	micrograms per litre	1	0	N/A	N/A	N/A	
			Monitoring Point 22 - MW15							
			Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1	1	<1	<1	<1	
			TPH C10-C36 Fraction	micrograms per litre	1	1	<10	<10	<10	
			TPH C6-C9 Fraction	micrograms per litre	1	1	<50	<50	<50	
			Monitoring Point 23 - BH05/MW19							
			Tetrachloroethene (tetrachloroethylene)	micrograms per litre	1	1	<1	<1	<1	
			TPH C10-C36 Fraction	micrograms per litre	1	1	<10	<10	<10	
			TPH C6-C9 Fraction	micrograms per litre	1	1	<50	<50	<50	

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					MW12	MW15	MW19	MW21	
16-Jan-21	12-Jan-21	Dec-20	Temperate (average)	Degrees celsius	N/A	20.7	21	N/A	MW12 & MW21 were dry at the time of the assessment.
			ph (Average)	-	N/A	6.28	5.73	N/A	
			EC (Average)	ms/cm	N/A	6768	6766	N/A	
			Redox (Average)	mv	N/A	12	-14	N/A	
			Dissolved Oxygen (Average)	mg/L	N/A	6.9	0.78	N/A	
			TDS (Average)	g/L	N/A	3.38	3.38	N/A	
			Dichlorodifluoromethane	µg/L	N/A	<50	<50	N/A	
			Chloromethane	µg/L	N/A	<50	<50	N/A	
			Vinyl chloride	µg/L	N/A	<50	<50	N/A	
			Bromomethane	µg/L	N/A	<50	<50	N/A	
			Chloroethane	µg/L	N/A	<50	<50	N/A	
			Trichlorofluoromethane	µg/L	N/A	<50	<50	N/A	
			1.1-Dichloroethene	µg/L	N/A	<5	<5	N/A	
			Iodomethane	µg/L	N/A	<5	<5	N/A	
			trans-1.2-Dichloroethene	µg/L	N/A	<5	<5	N/A	
			1.1-Dichloroethane	µg/L	N/A	<5	<5	N/A	
			cis-1.2-Dichloroethene	µg/L	N/A	<5	<5	N/A	
			1.1.1-Trichloroethane	µg/L	N/A	<5	<5	N/A	
			1.1-Dichloropropylene	µg/L	N/A	<5	<5	N/A	
			Carbon Tetrachloride	µg/L	N/A	<5	<5	N/A	
			1.2-Dichloroethane	µg/L	N/A	<5	<5	N/A	
			Trichloroethene	µg/L	N/A	<5	<5	N/A	
			Dibromomethane	µg/L	N/A	<5	<5	N/A	
			1.1.2-Trichloroethane	µg/L	N/A	<5	<5	N/A	
			1.3-Dichloropropane	µg/L	N/A	<5	<5	N/A	
			Tetrachloroethene	µg/L	N/A	<5	<5	N/A	
			1.1.1.2-Tetrachloroethane	µg/L	N/A	<5	<5	N/A	
			trans-1.4-Dichloro-2-butene	µg/L	N/A	<5	<5	N/A	
			cis-1.4-Dichloro-2-butene	µg/L	N/A	<5	<5	N/A	
			1.1.2.2-Tetrachloroethane	µg/L	N/A	<5	<5	N/A	
			1.2.3-Trichloropropane	µg/L	N/A	<5	<5	N/A	
			Pentachloroethane	µg/L	N/A	<5	<5	N/A	
			1.2-Dibromo-3-chloropropane	µg/L	N/A	<5	<5	N/A	
			Hexachlorobutadiene	µg/L	N/A	<5	<5	N/A	
			TRH C6 - C9	µg/L	N/A	<20	<20	N/A	
			TRH C10 - C36	µg/L	N/A	<50	<50	N/A	
			1.2-Dichloroethane-D4	%	N/A	105	102	N/A	
			Toluene-D8	%	N/A	102	104	N/A	
			4-Bromofluorobenzene	%	N/A	99.4	104	N/A	

Sample Date	Parameter	Unit of Measure	Groundwater Wells				Comment
			MW12	MW15	MW19	MW21	
Dec-19	Temperate (average)	Degrees celsius	24.5	20.6	22.1	N/A	MW21 was dry at the time of the assessment.
	ph (Average)	-	5.35	6.02	6.06	N/A	
	EC (Average)	ms/cm	10119	8185	6292	N/A	
	Redox (Average)	mv	1.38	140	-199	N/A	
	Dissolved Oxygen (Average)	mg/L	2.96	4.47	0.65	N/A	
	TDS (Average)	g/L	5.06	4.23	3.15	N/A	
	Dichlorodifluoromethane	µg/L	<50	<50	<50	N/A	
	Chloromethane	µg/L	<50	<50	<50	N/A	
	Vinyl chloride	µg/L	<50	<50	<50	N/A	
	Bromomethane	µg/L	<50	<50	<50	N/A	
	Chloroethane	µg/L	<50	<50	<50	N/A	
	Trichlorofluoromethane	µg/L	<50	<50	<50	N/A	
	1,1-Dichloroethene	µg/L	<5	<5	<5	N/A	
	Iodomethane	µg/L	<5	<5	<5	N/A	
	trans-1,2-Dichloroethene	µg/L	<5	<5	<5	N/A	
	1,1-Dichloroethane	µg/L	<5	<5	<5	N/A	
	cis-1,2-Dichloroethene	µg/L	<5	<5	<5	N/A	
	1,1,1-Trichloroethane	µg/L	<5	<5	<5	N/A	
	1,1-Dichloropropylene	µg/L	<5	<5	<5	N/A	
	Carbon Tetrachloride	µg/L	<5	<5	<5	N/A	
	1,2-Dichloroethane	µg/L	<5	<5	<5	N/A	
	Trichloroethene	µg/L	<5	<5	<5	N/A	
	Dibromomethane	µg/L	<5	<5	<5	N/A	
	1,1,2-Trichloroethane	µg/L	<5	<5	<5	N/A	
	1,3-Dichloropropane	µg/L	<5	<5	<5	N/A	
	Tetrachloroethene	µg/L	<5	<5	<5	N/A	
	1,1,1,2-Tetrachloroethane	µg/L	<5	<5	<5	N/A	
	trans-1,4-Dichloro-2-butene	µg/L	<5	<5	<5	N/A	
	cis-1,4-Dichloro-2-butene	µg/L	<5	<5	<5	N/A	
	1,1,2,2-Tetrachloroethane	µg/L	<5	<5	<5	N/A	
	1,2,3-Trichloropropane	µg/L	<5	<5	<5	N/A	
	Pentachloroethane	µg/L	<5	<5	<5	N/A	
	1,2-Dibromo-3-chloropropane	µg/L	<5	<5	<5	N/A	
	Hexachlorobutadiene	µg/L	<5	<5	<5	N/A	
	TRH C6 - C9	µg/L	<20	<20	<20	N/A	
	TRH C10 - C36	µg/L	<100	<100	<100	N/A	
	1,2-Dichloroethane-D4	%	90.3	91.5	87.3	N/A	
	Toluene-D8	%	97.1	97.1	97.2	N/A	
	4-Bromofluorobenzene	%	106	107	105	N/A	

Sample Date	Parameter	Unit of Measure	Groundwater Wells				Comment
			MW12	MW15	MW19	MW21	
Nov-18	Temperate (average)	Degrees celsius	20.3	22.3	20.4	N/A	MW21 was dry at the time of the assessment.
	ph (Average)	-	5.9	7.76	6.47	N/A	
	EC (Average)	ms/cm	12.6	44.01	46	N/A	
	Dissolved Oxygen (Average)	mg/L	4.84	4.93	8.65	N/A	
	Dichlorodifluoromethane	µg/L	<10	<10	<10	N/A	
	Chloromethane	µg/L	<10	<10	<10	N/A	
	Vinyl chloride	µg/L	<10	<10	<10	N/A	
	Bromomethane	µg/L	<10	<10	<10	N/A	
	Chloroethane	µg/L	<10	<10	<10	N/A	
	Trichlorofluoromethane	µg/L	<10	<10	<10	N/A	
	1.1-Dichloroethene	µg/L	<1	<1	<1	N/A	
	Iodomethane	µg/L	<1	<1	<1	N/A	
	trans-1.2-Dichloroethene	µg/L	<1	<1	<1	N/A	
	1.1-Dichloroethane	µg/L	<1	<1	<1	N/A	
	cis-1.2-Dichloroethene	µg/L	<1	<1	<1	N/A	
	1.1.1-Trichloroethane	µg/L	<1	<1	<1	N/A	
	1.1-Dichloropropylene	µg/L	<1	<1	<1	N/A	
	Carbon Tetrachloride	µg/L	<1	<1	<1	N/A	
	1.2-Dichloroethane	µg/L	<1	<1	<1	N/A	
	Trichloroethene	µg/L	<1	<1	<1	N/A	
	Dibromomethane	µg/L	<1	<1	<1	N/A	
	1.1.2-Trichloroethane	µg/L	<1	<1	<1	N/A	
	1.3-Dichloropropane	µg/L	<1	<1	<1	N/A	
	Tetrachloroethene	µg/L	<1	<1	<1	N/A	
	1.1.1.2-Tetrachloroethane	µg/L	<1	<1	<1	N/A	
	trans-1.4-Dichloro-2-butene	µg/L	<1	<1	<1	N/A	
	cis-1.4-Dichloro-2-butene	µg/L	<1	<1	<1	N/A	
	1.1.2.2-Tetrachloroethane	µg/L	<1	<1	<1	N/A	
	1.2.3-Trichloropropane	µg/L	<1	<1	<1	N/A	
	Pentachloroethane	µg/L	<1	<1	<1	N/A	
	1.2-Dibromo-3-chloropropane	µg/L	<1	<1	<1	N/A	
	Hexachlorobutadiene	µg/L	<1	<1	<1	N/A	
	TRH C6 - C9	µg/L	<10	<10	<10	N/A	
	TRH C10 - C36	µg/L	<100	<100	<100	N/A	