

Southern Oil Refining Pty Ltd

42 Lewington Street, Bomen, NSW 2650

EPA License number 11408

Groundwater Quality Monitoring Data (Point Source 2, 3, 4, 5)

June 2021 Results

Date sampled: 16/06/21

Date received: 24/06/21

Pollutant	Unit of Measure	Monitoring frequency required by licence	No. of samples measured	Results			
				Min. Value	Mean Value	Median Value	Max. Value
Bore site 1 (MB01)							
Hydrocarbons	ug/L	Quarterly	1	<110	<110	<110	<110
Standing Water Level	m	Quarterly	1	0.7	0.7	0.7	0.7
Conductivity	uS/cm	Quarterly	1	1850	1850	1850	1850
BTEX	ug/L	-	1	<1	<1	<1	<1
PFOS	ug/L	Yearly	1	<0.01	<0.01	<0.01	<0.01
PFOA	ug/L	Yearly	1	<0.01	<0.01	<0.01	<0.01
Bore site 2 (MB02)							
Hydrocarbons	ug/L	Quarterly	1	<110	<110	<110	<110
Standing Water Level	m	Quarterly	1	2.9	2.9	2.9	2.9
Conductivity	uS/cm	Quarterly	1	1820	1820	1820	1820
BTEX	ug/L	-	1	<1	<1	<1	<1
PFOS	ug/L	Yearly	1	<0.01	<0.01	<0.01	<0.01
PFOA	ug/L	Yearly	1	<0.01	<0.01	<0.01	<0.01
Bore site 2A (MB02A)							
Hydrocarbons	ug/L	Quarterly	1	<110	<110	<110	<110
Standing Water Level	m	Quarterly	1	2.32	2.32	2.32	2.32
Conductivity	uS/cm	Quarterly	1	974	974	974	974
BTEX	ug/L	-	1	<1	<1	<1	<1
PFOS	ug/L	Yearly	1	0.64	0.64	0.64	0.64
PFOA	ug/L	Yearly	1	0.09	0.09	0.09	0.09
Bore site 3 (MB03)							
Hydrocarbons	ug/L	Quarterly	1	<110	<110	<110	<110
Standing Water Level	m	Quarterly	1	3.2	3.2	3.2	3.2
Conductivity	uS/cm	Quarterly	1	2200	2200	2200	2200
BTEX	ug/L	-	1	<1	<1	<1	<1
PFOS	ug/L	Yearly	1	1.25	1.25	1.25	1.25
PFOA	ug/L	Yearly	1	0.15	0.15	0.15	0.15