

Monitoring Point 19 - EPL20814: Monitoring Gantry

Relevant EPL: 20814

Licensee: SRC Operations Pty Ltd

Premises: 123 - 129 Patons Lane Orchard Hills NSW 2748

Monitoring Year		2021																			
Monitoring Date		3/02/2021	16/02/2021	17/03/2021	24/03/2021	7/05/2021	24/08/2021	5/10/2021	14/10/2021	8/11/2021											
Pollutant	Units	65mm rainfall in preceding 5 days	34.2mm rainfall in preceding 5 days	59.6mm rainfall in preceding 5 days	360.4mm rainfall in preceding 5 days	37.2mm rainfall in preceding 5 days	42.2mm rainfall in 2 days	17mm rainfall in 4 days	29.2mm rainfall in 4 days												
pH	pH	7.79	8.01	7.99	7.71	7.46	8.14	7.97	8.16	8.37											
Total Suspended Solids	mg/L	12	<5	<5	110	12	8	<5	<5	19											
Nitrogen (ammonia)	mg/L	0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01											
Electrical Conductivity	mS/cm	1120	1130	1120	572	639	723	698	748.00	750											
Total Dissolved Solids	mg/L	654	656	702	476	356	406	412	436	414											
Dissolved Oxygen	mg/L	5.6	5.95	7.54	7.14	8.8	8.76	6.97	6.98	7.17											
Total Organic Carbon	mg/L	4	4	5	7	3	3	3	4	4											
Potassium	mg/L	6	6	5	4	4	4	3	4	4											

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Monitoring Point 3 - EPL20814: Dam 3 Discharge Point

Relevant EPL: 20814

Licensee: SRC Operations Pty Ltd

Premises: 123 - 129 Patons Lane Orchard Hills NSW 2748

Monitoring Year		2021																
Monitoring Date		16/02/2021	17/03/2021	24/03/2021	7/05/2021	24/08/2021	14/09/2021	5/10/2021	12/10/2021	8/11/2021								
Pollutant	Units	34.2mm rainfall in preceding 5 days	59.6mm rainfall in preceding 5 days	360.4mm rainfall in preceding 5 days	37.2mm rainfall in preceding 5 days	42.2mm rainfall in 2 days	3mm rainfall	17mm rainfall in 4 days	10.4mm rainfall									
pH	pH	7.4	7.23	7.52	7.7	8.32	7.79	8.01	7.98	8.14								
Total Suspended Solids	mg/L	41	19	467	88	48	9	30	<5	18								
Nitrogen (ammonia)	mg/L	0.02	0.02	0.02	0.02	<0.01	0.02	<0.01	<0.01	<0.01								
Electrical Conductivity	mS/cm	828	872	266	361	635	639	672	762.00	794								
Total Dissolved Solids	mg/L	470	508	1430	836	348	366	402	448	446								
Dissolved Oxygen	mg/L	6.65	7.47	7.74	7.65	9.37	7.78	6.66	6.40	6.47								
Total Organic Carbon	mg/L	2	3	<1	<1	2	2	3	6	3								
Potassium	mg/L	2	2	1	1	2	1	1	2	2								

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Monitoring Point 2 - EPL20814 & EPL21259: Weir Monitoring Point

Relevant EPL: 20814

Licensee: SRC Operations Pty Ltd

Premises: 123 - 129 Patons Lane Orchard Hills NSW 2748

Monitoring Year		2021																
Monitoring Date		3/02/2021	16/02/2021	17/03/2021	24/03/2021	7/05/2021	24/08/2021	5/10/2021	14/10/2021	8/11/2021								
Pollutant	Units	65mm rainfall in preceding 5 days	34.2mm rainfall in preceding 5 days	59.6mm rainfall in preceding 5 days	360.4mm rainfall in preceding 5 days	37.2mm rainfall in preceding 5 days	42.2mm rainfall in 2 days	17mm rainfall in 4 days	29.2mm rainfall in 4 days									
pH	pH	7.76	7.99	7.99	7.72	7.51	8.14	7.97	8.15	8.37								
Total Suspended Solids	mg/L	8	<5	<5	128	13	9	<5	<5	16								
Nitrogen (ammonia)	mg/L	0.04	<0.01	0.07	0.07	0.01	<0.01	<0.01	<0.01	<0.01								
Electrical Conductivity	mS/cm	1130	1130	1120	568	638	724	697	755.00	750								
Total Dissolved Solids	mg/L	660	673	672	517	366	414	426	428	414								
Dissolved Oxygen	mg/L	5.62	6.13	7	7.07	8.75	9.09	6.95	6.80	6.78								
Total Organic Carbon	mg/L	4	4	5	7	3	3	3	3	4								
Potassium	mg/L	5	6	5	4	4	4	4	4	4								

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Monitoring Point 1 - EPL20814: Dam 6 Discharge Point

Relevant EPL: 20814

Licensee: SRC Operations Pty Ltd

Premises: 123 - 129 Patons Lane Orchard Hills NSW 2748

Monitoring Year		2021																
Monitoring Date		17/03/2021	24/03/2021	24/08/2021	14/09/2021	5/10/2021	12/10/2021	8/11/2021										
Pollutant	Units	59.6mm rainfall in preceding 5 days	360.4mm rainfall in preceding 5 days	42.2mm rainfall in 2 days	3mm rainfall	17mm rainfall in 4 days	10.4mm rainfall											
pH	pH	8.02	7.53	7.99	7.94	7.79	7.7	8.27										
Total Suspended Solids	mg/L	9	27	37	7	5	<5	7										
Nitrogen (ammonia)	mg/L	0.04	0.16	0.06	0.04	0.03	0.03	0.02										
Electrical Conductivity	mS/cm	1130	411	1440	1360	1360	1380	1390										
Total Dissolved Solids	mg/L	734	724	1040	960	957	940	948										
Dissolved Oxygen	mg/L	6.47	4.06	7.56	7.67	7.05	7.24	7.07										
Total Organic Carbon	mg/L	8	15	11	10	9	10	11										
Potassium	mg/L	11	11	13	12	11	11	13										

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