Pollutant Monitoring Results - Surface Water



EPL No:	4068
Entity Name:	Elizabeth Drive Landfill
Site:	1725 Elizabeth Drive, KEMPS CREEK, NSW, 2178
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	Click Here

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Description Final Property															
Second Control Contr	Name	Monitoring Point No.		measure		·	·	·	·	required by licence	collected and analysed	Sample Value	Sample Value	Sample Value	Comments
Second Column	-														
St. 23 For Supplicity	S1		Conductivity	us/cm	Quarterly	1700	1100			4	4				
St.			Nitrogen (Ammonia)	-	Quarterly					-	4				
The control of Name Pollutart Pollut		23	рН	pH Units	Quarterly	7.56	6.88	7.61		4	4	6.88	7.405	7.61	
Location Number Published Published	S1	23	Total Organic Carbon	mg/l	Quarterly	7	6	7	10	4	4	6	7.5	10	
	S1	23	Total Suspended Solids	mg/l	Quarterly	16	18	57	19	4	4	16	27.5	57	
State	Name	Monitoring			Frequency	· 		Q3	Q4	required by	collected and	Sample	Sample	Sample	Comments
1.5 24	S2	24	Biochemical Oxygen Demand	mg/l	Quarterly			_	_		4				
S2 24 Table profession	S2	24	Conductivity	us/cm	Quarterly	1980	864	1110	1400	4	4	864	1338.5	1980	
Total Organic Cartino	S2	24	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.01	0.03	<0.01	4	4	0.01	0.02333333	0.03	
Second Communication Commu	S2	24	рН	pH Units	Quarterly	7.96	7.18	7.69	7.98	4	4	7.18	7.7025	7.98	
Part	S2	24	Total Organic Carbon	mg/l	Quarterly	8	6	7	10	4	4	6	7.75	10	
Montforting Pollutant Water Pollutant Pollut	S2	24	Total Suspended Solids	mg/l	Quarterly	<5	9	32	12	4	4	9	17.6666667	32	
S3	Name	Monitoring	Pollutant		Frequency	·	·	·	·	required by	collected and	Sample Value	Sample Value	Sample Value	Comments
Signature Sign	S3	25	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	<2	2	4	4	2	2	2	
Signature Part	S3	25	Conductivity	us/cm	Quarterly	1930	916	1110	1170	4	4	916	1281.5	1930	
Total Organic Earborn mg/l Quarterly 5 6 38 50 39 4 4 8 8.75 15	S3	25	Nitrogen (Ammonia)	mg/l	Quarterly	0.03	0.04	0.05	0.01	4	4	0.01	0.0325	0.05	
S3 25 Total Suspended Solids mg/l Counterly S6 38 90 39 4 4 38 55.75 90	S3	25	рН	pH Units	Quarterly	7.99	7.72	7.63	7.99	4	4	7.63	7.8325	7.99	
Coation Name Pollutant Unit of Name Pollutant Unit of Measure Prequency Q1 Q2 Q3 Q4 No. of samples required by collected and Sample Sample Value Val	S3	25	Total Organic Carbon	mg/l	Quarterly	6	7	7	15	4	4	6	8.75	15	
Content Name Politate Pol	S3	25	Total Suspended Solids	mg/l	Quarterly	56	38	90	39	4	4	38	55.75	90	
Sys 31		Monitoring	Pollutant		Frequency	Q1	Q2	Q3	Q4	required by	collected and	Sample	Sample	Sample	Comments
System S	S9	31	Biochemical Oxygen Demand	mg/l	Quarterly	<2	2	7	3	4	4	2	4	7	
S9 31	S9	31	Conductivity	us/cm	Quarterly	1520	3270	1160	2580	4	4	1160	2132.5	3270	
S9 31	S9	31	Nitrogen (Ammonia)	mg/l	Quarterly	0.8	0.79	0.32	0.08	4	4	0.08	0.4975	0.8	
S9 31 Total Suspended Solids mg/l Quarterly C5 79 64 20 4 4 20 S4,333333 79	S9	31	pН	pH Units	Quarterly	7.55	8.11	8.35	8.4	4	4	7.55	8.1025	8.4	
S9 31 Total Suspended Solids mg/l Quarterly 45 79 64 20 4 4 20 54.333333 79	S9	31	Total Organic Carbon	mg/l	Quarterly	13	11	11	8	4	4	8	10.75	13	
Cocation Name Pollutant Name Pollu	S9	31	Total Suspended Solids		Quarterly	<5	79	64	20	4	4	20	54.3333333	79	
S10 33 Conductivity mg/l Quarterly 1240 1370 1230 2680 4 4 1230 1630 2680		Monitoring	Pollutant	Unit of	Frequency	Q1	Q2	Q3	Q4	required by	collected and	Sample	Sample	Sample	Comments
S10 33	S10	33	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	2	2	4	4	2	2	2	
S10 33 PH											4				
S10 33 Total Organic Carbon mg/l Quarterly 9 8 7 8 4 4 7 8 9			Nitrogen (Ammonia)								4				
Sin Sin		33	рН	pH Units	Quarterly	7.91	8.08	8.04	8.51	4	4	7.91	8.135	8.51	
Location Name EPA Monitoring Point No. Pollutant Unit of measure Frequency Q1 Q2 Q3 Q4 No. of samples required by licence Lowest Collected and analysed Mean Sample Value Walue Highest Sample Value Comments S5 59 Biochemical Oxygen Demand mg/l Quarterly <2	S10	33	ŭ	mg/l						4	4				
Coation Name Polit No. Polit ant Polit or Prequency Polit or Polit or Polit or Prequency Polit or Polit	S10	33	Total Suspended Solids	mg/l	Quarterly	63	6	8	<5	4	4	6	25.6666667	63	
S5 59 Conductivity us/cm Quarterly 3540 3050 1250 3500 4 4 1250 2835 3540 S5 59 Nitrogen (Ammonia) mg/l Quarterly 6.04 0.03 0.08 0.04 4 4 0.03 1.5475 6.04 S5 59 pH pH Units Quarterly 8.01 8.16 8.37 8.04 4 4 8.01 8.145 8.37 S5 59 Total Organic Carbon mg/l Quarterly 16 10 6 9 4 4 6 10.25 16	Name	Monitoring Point No.				·	·	·	Q4	required by	collected and	Sample Value	Sample Value	Sample Value	Comments
S5 59 Nitrogen (Ammonia) mg/l Quarterly 6.04 0.03 0.08 0.04 4 4 0.03 1.5475 6.04 S5 59 pH pH Units Quarterly 8.01 8.16 8.37 8.04 4 4 8.01 8.145 8.37 S5 59 Total Organic Carbon mg/l Quarterly 16 10 6 9 4 4 6 10.25 16			Biochemical Oxygen Demand	mg/l	Quarterly						4				
S5 59 pH pH Units Quarterly 8.01 8.16 8.37 8.04 4 4 8.01 8.145 8.37 S5 59 Total Organic Carbon mg/l Quarterly 16 10 6 9 4 4 6 10.25 16	S5	59	Conductivity	us/cm	Quarterly		3050		3500	4	4			3540	
S5 59 pH pH Units Quarterly 8.01 8.16 8.37 8.04 4 4 8.01 8.145 8.37 S5 59 Total Organic Carbon mg/l Quarterly 16 10 6 9 4 4 6 10.25 16	S5	59	Nitrogen (Ammonia)	mg/l	Quarterly	6.04	0.03	0.08	0.04	4	4	0.03	1.5475	6.04	
	S5	59	рН		Quarterly	8.01	8.16	8.37	8.04	4	4	8.01	8.145	8.37	
S5 59 Total Suspended Solids mg/l Quarterly <5 42 20 58 4 4 20 40 58	S5	59	Total Organic Carbon	mg/l	Quarterly	16	10	6	9	4	4	6	10.25	16	
	S5	59	Total Suspended Solids	mg/l	Quarterly	<5	42	20	58	4	4	20	40	58	

Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	Q1	Q2	Q3	Q4	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
S20	60	Biochemical Oxygen Demand	mg/l	Quarterly	<2	<2	2	<2	4	4	2	2	2	
S20	60	Conductivity	us/cm	Quarterly	3200	6200	4570	4310	4	4	3200	4570	6200	
S20	60	Nitrogen (Ammonia)	mg/l	Quarterly	0.04	0.14	0.09	0.04	4	4	0.04	0.0775	0.14	
S20	60	рН	pH Units	Quarterly	8.74	8.34	8.33	8.51	4	4	8.33	8.48	8.74	
S20	60	Total Organic Carbon	mg/l	Quarterly	12	6	4	8	4	4	4	7.5	12	
S20	60	Total Suspended Solids	mg/l	Quarterly	7	10	23	<5	4	4	7	13.3333333	23	
Location Name	EPA Monitoring Point No.	Pollutant	Unit of measure	Frequency	Q1	Q2	Q3	Q4	No. of samples required by licence	No. of samples collected and analysed	Lowest Sample Value	Mean Sample Value	Highest Sample Value	Comments
S19	61	Biochemical Oxygen Demand	mg/l	Quarterly	<2	2	3	3	4	4	2	2.66666667	3	
S19	61	Conductivity	mg/l	Quarterly	1830	3340	2870	3360	4	4	1830	2850	3360	
S19	61	Nitrogen (Ammonia)	us/cm	Quarterly	0.05	0.04	0.02	0.01	4	4	0.01	0.03	0.05	
S19	61	рН	pH Units	Quarterly	8.4	8.34	8.64	8.66	4	4	8.34	8.51	8.66	
S19	61	Total Organic Carbon	mg/l	Quarterly	12	9	8	8	4	4	8	9.25	12	
S19	61	Total Suspended Solids	mg/l	Quarterly	2190	59	13	12	4	4	12	568.5	2190	