

## Cudgen Lakes Sand Quarry Deposited Dust Monitoring

Samples On	Samples Off	Month	DG1		DG2		DG3		Annual Criteria	Comments
			Insoluble Matter	Rolling Annual Average	Insoluble Matter	Rolling Annual Average	Insoluble Matter	Rolling Annual Average		
11/07/2017	10/08/2017	Jul-17	0.28	ID	0.98	ID	0.42	ID	4	
10/08/2017	9/09/2017	Aug-17	0.54	ID	0.82	ID	0.74	ID	4	DG1 - cloudy/organic matter.
9/09/2017	9/10/2017	Sep-17	1.36	ID	0.66	ID	0.68	ID	4	
9/10/2017	8/11/2017	Oct-17	4.23	ID	1.71	ID	0.36	ID	4	DG1 - cloudy/organic matter.
8/11/2017	9/12/2017	Nov-17	17.4	ID	15.55	ID	1.02	ID	4	DG1 - cloudy/organic matter. DG2 - green/organic matter. DG3 - slightly green/funnel missing. Only dredging undertaken at Quarry (i.e. no dust generating activities) - earthworks activities occurring southeast of Quarry.
9/12/2017	9/01/2018	Dec-17	9.25	ID	0.84	ID	0.7	ID	4	DG1 - cloudy/organic matter. DG2 - insects. Only dredging undertaken at Quarry (i.e. no dust generating activities) - earthworks activities occurring southeast of Quarry.
9/01/2018	9/02/2018	Jan-18	3.56	ID	0.39	ID	1.04	ID	4	DG1 - cloudy/organic matter. DG2 - organic matter. Only dredging undertaken at Quarry (i.e. no dust generating activities) - earthworks activities occurring southeast of Quarry.
14/04/2020	14/05/2020	Apr-20	13.35	ID	0.64	ID	0.86	ID	4	DG1 - Insects, seeds, two frogs (deceased & semi mature). DG2 - Bird droppings, insects, seeds. DG3 - Insects.
14/05/2020	12/06/2020	May-20	0.85	ID	1.00	ID	0.35	ID	4	DG1 - Grass & seeds, live tree frog removed. DG2 - Ants, seeds, relatively clear. DG3 - Grass & seeds, ants, relatively clear.
12/06/2020	13/07/2020	Jun-20	0.21	ID	0.10	ID	0.13	ID	4	DG1 - Bee, seeds, bird droppings on funnel. DG2 - Insects, seeds, feather. DG3 - Insects, seeds.
13/07/2020	13/08/2020	Jul-20	2.66	ID	2.11	ID	0.17	ID	4	DG1 - Film on surface, ants, seeds. DG2 - Film on surface, ants, seeds. DG3 - Clear, few seeds, few insects.
13/08/2020	11/09/2020	Aug-20	2.6	ID	2.70	ID	0.40	ID	4	DG1 - Bird poo, algae, milky, seeds. DG2 - Seeds, milky. DG3 - Clear, algae, fly.
11/09/2020	13/10/2020	Sep-20	10	ID	2.10	ID	0.20	ID	4	DG1 - Dark grey/black colour, dead frog, bugs, beetles, flies, grass seeds. DG2 - Bird poo, spider, grass seeds, milky colour. DG3 - Clear, spider.
13/10/2020	10/11/2020	Oct-20	3.34	ID	1.66	ID	0.34	ID	4	DG1 - Insects, grass seeds, algae?, water is brown. DG2 - 20 beetles, bird poos, insects, grass seed, water is clear. DG3 - Beetle, insects, grass seeds, algae, water is clear.
10/11/2020	10/12/2020	Nov-20	0.33	ID	0.75	ID	0.37	ID	4	All sites - Insects, grass seed, clear.
<b>Monthly Minimum</b>			<b>0.21</b>	-	<b>0.10</b>	-	<b>0.13</b>	-	-	
<b>Monthly Maximum</b>			<b>17.40</b>	-	<b>15.55</b>	-	<b>1.04</b>	-	-	
<b>Average</b>			<b>4.66</b>	-	<b>2.13</b>	-	<b>0.52</b>	-	-	

ID = Insufficient Data

