



KIS Quarries Dust Monitoring Results

Coraki / Petersons Quarry

Peterson's Quarry Road Coraki NSW

EPL no. 3397 <http://www.epa.nsw.gov.au/prpoeoapp>

January 2020 to January 2024

Monthly Dust Deposition Summary – PDG1 (South West within site)

Sample Point	Monitoring Period	Date Obtained	Deposit Rate limit of Total Insoluble Matter (g/m ² /mth)	Deposit Rate limit of Ash (g/m ² /mth)	Combustible Matter (g/m ² /mth)	Monitoring Frequency
PDG1	11/12/19 to 10/1/20	28/1/2020	0.9	0.7	0.2	Monthly
PDG1	10/1/20 to 10/2/20	20/2/2020	2.7	2.3	0.4	Monthly
PDG1	10/2/20 to 11/3/20	19/3/2020	2.8	2.3	0.5	Monthly
PDG1	11/3/20 to 8/4/20	24/4/2020	1.3	0.8	0.5	Monthly
PDG1	8/4/20 to 11/5/20	19/5/2020	0.7	0.3	0.4	Monthly
PDG1	11/5/20 to 9/6/20	23/6/2020	0.6	0.4	0.2	Monthly
PDG1	9/6/20 to 9/7/20	24/7/2020	0.2	0.2	0.0	Monthly
PDG1	9/7/20 to 12/8/20	31/8/2020	0.2	0.1	0.1	Monthly
PDG1	12/8/20 to 14/9/20	2/10/2020	0.7	0.5	0.2	Monthly
PDG1	14/09/20 to 12/10/20	22/10/2020	0.4	0.4	0.0	Monthly
PDG1	12/10/20 to 11/11/20	19/11/2020	1.8	1.7	0.1	Monthly
PDG1	11/11/20 to 10/12/20	23/12/2020	0.7	0.6	0.1	Monthly
PDG1	10/12/20 to 11/01/21	28/01/2021	0.4	0.2	0.2	Monthly
PDG1	11/01/21 to 10/02/21	19/02/2021	1.0	0.7	0.3	Monthly
PDG1	10/02/21 to 10/03/21	26/03/2021	4.1	1.8	2.3	Monthly
PDG1	10/03/21 to 08/04/21	27/04/2021	0.8	0.2	0.6	Monthly
PDG1	08/04/21 to 12/05/21	25/05/2021	0.7	0.5	0.2	Monthly
PDG1	12/05/21 to 09/06/21	22/06/2021	0.8	0.6	0.2	Monthly
PDG1	09/06/21 to 07/07/21	20/07/2021	0.6	0.4	0.2	Monthly
PDG1	07/07/21 to 03/08/21	19/08/2021	1.7	1.2	0.5	Monthly
PDG1	03/08/21 to 07/09/21	18/10/2021	2.3	2.0	0.3	Monthly
PDG1	07/09/21 to 08/10/21	26/10/2021	1.1	1.1	0.0	Monthly
PDG1	08/10/21 to 08/11/21	25/11/2021	0.9	0.8	0.1	Monthly
PDG1	08/11/21 to 03/12/21	16/12/2021	3.5	1.8	1.7	Monthly
PDG1	14/01/22 to 18/02/22	19/05/2022	0.4	0.3	0.1	Monthly
PDG1	18/02/22 to 04/05/22	19/05/2022	0.6	0.2	0.4	Monthly
PDG1	29/06/22 to 1/8/22	11/08/2022	0.7	0.6	0.1	Monthly
PDG1	1/8/22 to 8/9/22	18/09/2022	1.1	0.7	0.4	Monthly
PDG1	8/9/22 to 10/10/22	21/10/2022	0.5	0.5	<0.01	Monthly
PDG1	10/10/22 to 28/11/22	03/01/2023	0.3	0.2	0.1	Monthly
PDG1						No Sample
PDG1	28/12/22 to 28/01/23	29/05/2023	0.2	0.1	0.1	Monthly

PDG1	<i>28/01/23 to 28/02/23</i>	29/05/2023	0.2	0.2	0	Monthly
PDG1	<i>28/02/23 to 28/03/23</i>	29/03/2023	0.5	0.1	0.4	Monthly
PDG1	<i>28/03/23 to 28/04/23</i>					No Sample
PDG1	<i>28/04/23 to 28/05/23</i>	07/08/2023	0.6	0.5	0.1	Monthly
PDG1	<i>28/05/23 to 28/06/23</i>	07/08/2023	0.1	0.05	0.05	Monthly
PDG1	<i>28/06/23 to 28/07/23</i>	25/09/2023	0.5	0.3	0.2	Monthly
PDG1	<i>28/07/23 to 28/08/23</i>					Not Sampled
PDG1	<i>28/08/23 to 28/09/23</i>	25/10/2023	0.9	0.7	0.2	Monthly
PDG1	<i>28/09/23 to 26/10/23</i>	08/11/2023	0.4	0.4	0	Monthly
PDG1	<i>26/10/23 to 28/11/23</i>	08/01/2024	19.3	17.2	2.1	Monthly
PDG1	<i>28/11/23 to 28/12/23</i>	28/02/2024	2.8	2.4	0.4	Monthly
PDG1	<i>28/12/23 to 28/01/24</i>	28/02/2024	0.2	0.05	0.15	Monthly

Note: *Italic* indicates months the site was operated by Quarry Solutions; **Bold** indicates where gauges were unable to be collected due to flooding and sample period is 2 months.

Annual Dust Deposition Summary – PDG 1 (South West within site)

Year	Pollutant	Unit of Measure	Monitoring Frequency required by License	No. of times measured during year	Min Value	Max Value	Average Value Cumulative	Average Value Incremental	Average Limit Cumulative	Average Limit Incremental	Exceedance
2020	TIM	g/m ² /month	Monthly	12	0.2	4.1	1.0	<1	4	2	N
2021	TIM	g/m ² /month	Monthly	12	0.4	4.1	1.5	<1	4	2	N
2022	TIM	g/m ² /month	Monthly	6	0.3	1.1	<1	<1	4	2	N
2023	TIM	g/m ² /month	Monthly	11	0.1	19.3	2.5	1.59	4	2	N
2024	TIM	g/m ² /month	Monthly	1	0.2	0.2	<1	<1	4	2	N

Monthly Dust Summary – PDG2 (North West of site Background reference)

Sample Point	Exposure Period	Date Obtained	Deposit Rate of Total Insoluble Matter (g/m ² /mth)	Deposit Rate of Ash (g/m ² /mth)	Deposit Rate of Combustible Matter (g/m ² /mth)	Monitoring Frequency
PDG2	11/12/19 to 10/1/20	28/1/2020	2.1	2.0	0.1	Monthly
PDG2	10/1/20 to 10/2/20	20/2/2020	1.8	1.6	0.2	Monthly
PDG2	10/2/20 to 11/3/20	19/3/2020	4.5	3.6	0.9	Monthly
PDG2	11/3/20 to 8/4/20	24/4/2020	2.6	2.2	0.4	Monthly
PDG2	8/4/20 to 11/5/20	19/5/2020	1.8	1.5	0.3	Monthly
PDG2	11/5/20 to 9/6/20	23/6/2020	0.7	0.4	0.3	Monthly
PDG2	9/6/20 to 9/7/20	24/7/2020	0.3	0.3	0.0	Monthly
PDG2	9/7/20 to 12/8/20	31/8/2020	0.5	0.3	0.2	Monthly
PDG2	12/8/20 to 14/9/20	2/10/2020	0.7	0.4	0.3	Monthly
PDG2	14/09/20 to 12/10/20	22/10/2020	0.3	0.2	0.1	Monthly
PDG2	12/10/20 to 11/11/10	19/11/2020	0.7	0.7	0.0	Monthly
PDG2	11/11/20 to 10/12/20	23/12/2020	0.7	0.5	0.2	Monthly
PDG2	10/12/20 to 11/01/21	28/01/2021	7.1	2.8	4.3	Monthly
PDG2	11/01/21 to 10/02/21	19/02/2021	2.2	1.8	0.4	Monthly
PDG2	10/02/21 to 10/03/21	26/03/2021	7.3	1.6	5.7	Monthly
PDG2	10/03/21 to 08/04/21	27/04/2021	3.9	1.1	2.8	Monthly
PDG2	08/04/21 to 12/05/21	25/05/2021	1.4	0.6	0.8	Monthly
PDG2	12/05/21 to 09/06/21	22/06/2021	0.7	0.6	0.1	Monthly
PDG2	09/06/21 to 07/07/21	20/07/2021	0.8	0.3	0.5	Monthly
PDG2	07/07/21 to 03/08/21	19/08/2021	0.2	0.1	0.1	Monthly
PDG2	03/08/21 to 07/09/21	18/10/2021	0.6	0.6	0.0	Monthly
PDG2	07/09/21 to 08/10/21	26/10/2021	2.6	2.1	0.5	Monthly
PDG2	08/10/21 to 08/11/21	25/11/2021	1.3	0.7	0.6	Monthly
PDG2	08/11/21 to 03/12/21	16/12/2021	5.2	1.0	4.2	Monthly
PDG2	14/01/22 to 18/02/22	19/05/2022	0.3	0.3	0.0	Monthly
PDG2	29/06/22 to 1/8/22	11/8/22				No sample
PDG2	1/8/22 to 8/9/22	18/9/22	0.7	0.5	0.2	Monthly
PDG2	8/9/22 to 10/10/22	21/10/22	1.5	0.8	0.7	Monthly
PDG2						No Sample
PDG2	28/12/22 to 28/01/23	29/05/2023	0.6	0.3	0.3	Monthly
PDG2	28/01/23 to 28/02/23	29/05/2023				No sample
PDG2	28/02/23 to 28/03/23	29/03/2023	0.3	0.1	0.2	Monthly

PDG2	28/03/23 to 28/04/23							No Sample
PDG2	28/04/23 to 28/05/23	07/08/2023	1.6	1	0.6			Monthly
PDG2	28/05/23 to 28/06/23	07/08/2023	0.2	0.05	0.15			Monthly
PDG2	28/06/23 to 28/07/23	25/09/2023	1.4	0.8	0.6			Monthly
PDG2	28/07/23 to 28/08/23	25/10/2023	1.2	0.8	0.4			Monthly
PDG2	28/08/23 to 28/09/23	25/10/2023						Not Sampled
PDG2	28/09/23 to 26/10/23	08/11/2023	0.1	0.1	0			Monthly
PDG2	26/10/23 to 28/11/23	08/01/2024	2.2	0.9	1.3			Monthly
PDG2	28/11/23 to 28/12/23	28/2/2024	0.6	0.6	0			Monthly
PDG2	28/12/23 to 28/01/24	28/2/2024	0.1	0.05	0.05			Monthly

Note: *Italic* indicates months the site was operated by Quarry Solutions

Annual Dust Deposition Summary – PDG 2 (North West of site background reference)

Year	Pollutant	Unit of Measure	Monitoring Frequency required by License	No. of times measured during year	Min Value	Max Value	Average Value	Average Limit	Exceedance
2020	TIM	g/m ² /month	Monthly	12	0.3	7.3	2.2	4.0	N
2021	TIM	g/m ² /month	Monthly	12	0.2	7.3	2.7	4.0	N
2022	TIM	g/m ² /month	Monthly	3	0.3	1.5	<1	4.0	N
2023	TIM	g/m ² /month	Monthly	9	0.1	2.2	<1	4.0	N
2024	TIM	g/m ² /month	Monthly	1	0.1	0.1	<1	4.0	N

Sample Point	Exposure Period	Date Obtained	Deposit Rate of Total Insoluble Matter (g/m ² /mth)	Deposit Rate of Ash (g/m ² /mth)	Deposit Rate of Combustible Matter (g/m ² /mth)	Monitoring Frequency
PDG3	11/12/19 to 10/1/20	28/1/2020	1.2	0.9	0.3	Monthly
PDG3	10/1/20 to 10/2/20	20/2/2020	1.8	1.3	0.5	Monthly
PDG3	10/2/20 to 11/3/20	19/3/2020	1.4	0.6	0.8	Monthly
PDG3	11/3/20 to 8/4/20	24/4/2020	1.5	0.9	0.6	Monthly
PDG3	8/4/20 to 11/5/20	19/5/2020	1.3	0.8	0.5	Monthly
PDG3	11/5/20 to 9/6/20	23/6/2020	1.2	1.1	0.1	Monthly
PDG3	9/6/20 to 9/7/20	24/7/2020	1.0	0.6	0.4	Monthly
PDG3	9/7/20 to 12/8/20	31/8/2020	0.9	0.6	0.3	Monthly
PDG3	12/8/20 to 14/9/20	2/10/2020	0.5	0.4	0.1	Monthly
PDG3	14/09/20 to 12/10/20	22/10/2020	0.4	0.2	0.2	Monthly
PDG3	12/10/20 to 11/11/10	19/11/2020	1.9	1.2	0.7	Monthly
PDG3	11/11/20 to 10/12/20	23/12/2020	0.5	0.3	0.2	Monthly
PDG3	10/12/20 to 11/01/21	28/01/2021	2.3	0.3	2.0	Monthly
PDG3	11/01/21 to 10/02/21	19/02/2021	2.0	0.8	1.2	Monthly
PDG3	10/02/21 to 10/03/21	26/03/2021	1.8	0.4	1.4	Monthly
PDG3	10/03/21 to 08/04/21	27/04/2021	1.1	0.3	0.8	Monthly
PDG3	08/04/21 to 12/05/21	25/05/2021	0.6	0.5	0.1	Monthly
PDG3	12/05/21 to 09/06/21	22/06/2021	2.7	1.4	1.3	Monthly
PDG3	09/06/21 to 07/07/21	20/07/2021	1.2	0.7	0.5	Monthly
PDG3	07/07/21 to 03/08/21	19/08/2021	0.8	0.4	0.4	Monthly
PDG3	03/08/21 to 07/09/21	18/10/2021	2.5	1.5	1.0	Monthly
PDG3	07/09/21 to 08/10/21	26/10/2021	2.0	1.4	0.6	Monthly
PDG3	08/10/21 to 08/11/21	25/11/2021	1.9	0.9	1.0	Monthly
PDG3	08/11/21 to 03/12/21	16/12/2021	3.8	0.7	3.1	Monthly
PDG3	14/01/22 to 18/02/22	19/05/2022	0.4	0.1	0.3	Monthly
PDG3	18/02/22 to 04/05/22	19/05/2022	0.6	0.05	0.55	Monthly
PDG3	29/06/22 to 1/8/22	11/8/22	0.5	0.4	0.1	Monthly
PDG3	1/8/22 to 8/9/22	18/9/22	0.8	0.4	0.4	Monthly
PDG3	8/9/22 to 10/10/22	21/10/22	0.2	0.2	0.0	Monthly
PDG3	10/10/22 to 28/11/22	03/01/2023	1.2	0.4	0.8	Monthly
PDG3						No Sample
PDG3	28/12/22 to 28/01/23	29/05/2023	0.3	0.1	0.2	Monthly

PDG3	28/01/23 to 28/02/23	29/05/2023	0.4	0.1	0.3	Monthly
PDG3	28/02/23 to 28/03/23	29/03/2023	0.7	0.3	0.4	Monthly
PDG3	28/03/23 to 28/04/23					No Sample
PDG3	28/04/23 to 28/05/23	07/08/2023	1.3	0.7	0.6	Monthly
PDG3	28/05/23 to 28/06/23	07/08/2023	1.3	0.9	0.4	Monthly
PDG3	28/06/23 to 28/07/23	25/09/2023	0.9	0.6	0.3	Monthly
PDG3	28/07/23 to 28/08/23	25/10/2023	0.7	0.4	0.3	Monthly
PDG3	28/08/23 to 28/09/23	25/10/2023	1.2	0.6	0.6	Monthly
PDG3	28/09/23 to 26/10/23	08/11/2023	0.2	0.1	0.1	Monthly
PDG3	26/10/23 to 28/11/23	08/01/2024	0.7	0.4	0.3	Monthly
PDG3	28/11/23 to 28/12/23	28/02/2024	1.9	0.5	1.4	Monthly
PDG3	28/12/23 to 28/01/24	28/02/2024	0.2	0.1	0.1	Monthly

Monthly Dust Deposition – PDG3 (North East within site)

Note: *Italic* indicates months the site was operated by Quarry Solutions; **Bold** indicates where gauges were unable to be collected due to flooding and sample period is 2 months.

Annual Dust Deposition Summary – PDG 3 (North East Within Site)

Year	Pollutant	Unit of Measure	Monitoring Frequency required by License	No. of times measured during year	Min Value	Max Value	Average Value Cumulative	Average Value Incremental	Average Limit Cumulative	Average Limit Incremental	Exceedance
2020	TIM	g/m ² /month	Monthly	12	0.4	2.3	1.3	<1	4	2	N
2021	TIM	g/m ² /month	Monthly	12	0.6	3.8	1.9	1.1	4	2	N
2022	TIM	g/m ² /month	Monthly	6	0.2	1.2	<1	<1	4	2	N
2023	TIM	g/m ² /month	Monthly	11	0.2	1.9	<1	<1	4	2	N
2024	TIM	g/m ² /month	Monthly	1	0.2	0.2	<1	<1	4	2	N

Monthly Dust Deposition – PDG4 (North East of site background reference)

Sample Point	Exposure Period	Date Obtained	Deposit Rate of Total Insoluble Matter (g/m ² /mth)	Deposit Rate of Ash (g/m ² /mth)	Deposit Rate of Combustible Matter (g/m ² /mth)	Monitoring Frequency
PDG4	11/12/19 to 10/1/20	28/1/2020	2.3	0.9	1.4	Monthly
PDG4	10/1/20 to 10/2/20	20/2/2020	1.1	0.8	0.3	Monthly
PDG4	11/3/20 to 8/4/20	24/4/2020	2.5	1.2	1.3	Monthly
PDG4	8/4/20 to 11/5/20	19/5/2020	1.1	0.4	0.7	Monthly
PDG4	11/5/20 to 9/6/20	23/6/2020	0.8	0.7	0.1	Monthly
PDG4	9/6/20 to 9/7/20	24/7/2020	0.2	0.2	0.0	Monthly
PDG4	9/7/20 to 12/8/20	31/8/2020	0.3	0.2	0.1	Monthly
PDG4	12/8/20 to 14/9/20	2/10/2020	0.5	0.2	0.3	Monthly
PDG4	14/09/20 to 12/10/20	22/10/2020	1.7	0.8	0.9	Monthly
PDG4	12/10/20 to 11/11/20	19/11/2020	1.2	0.8	0.4	Monthly
PDG4	11/11/20 to 10/12/20	23/12/2020	1.2	0.7	0.5	Monthly
PDG4	10/12/20 to 11/01/21	28/01/2021	0.6	0.2	0.4	Monthly
PDG4	11/01/21 to 10/02/21	19/02/2021	0.6	0.4	0.2	Monthly
PDG4	10/02/21 to 10/03/21	26/03/2021	0.5	0.1	0.4	Monthly
PDG4	10/03/21 to 08/04/21	27/04/2021	1.3	0.4	0.9	Monthly
PDG4	08/04/21 to 12/05/21	25/05/2021	1.3	0.7	0.6	Monthly
PDG4	12/05/21 to 09/06/21	22/06/2021	0.8	0.5	0.3	Monthly
PDG4	09/06/21 to 07/07/21	20/07/2021	0.8	0.4	0.4	Monthly
PDG4	07/07/21 to 03/08/21	19/08/2021	1.8	1.1	0.7	Monthly
PDG4	03/08/21 to 07/09/21	18/10/2021	0.5	0.4	0.1	Monthly
PDG4	07/09/21 to 08/10/21	26/10/2021	0.5	0.5	0.0	Monthly
PDG4	08/10/21 to 08/11/21	25/11/2021	1.0	0.6	0.4	Monthly
PDG4	03/12/21 to 14/01/22	18/02/2022	0.5	0.2	0.3	Monthly
PDG4	14/01/22 to 18/02/22	19/05/2022	0.3	0.1	0.2	Monthly
PDG4	29/06/22 to 1/8/22	11/8/22	0.5	0.2	0.3	Monthly
PDG4	1/8/22 to 8/9/22	18/9/22	1.3	0.7	0.6	Monthly
PDG4	8/9/22 to 10/10/22	21/10/22	0.5	0.2	0.3	Monthly
PDG4	10/10/22 to 28/11/22	03/01/2023	0.3	0.1	0.2	Monthly
PDG4						No Sample
PDG4	28/12/22 to 28/01/23	29/05/2023	0.2	0.1	0.1	Monthly
PDG4	28/01/23 to 28/02/23	29/05/2023	0.6	0.4	0.2	Monthly

PDG4	28/02/23 to 28/03/23	29/03/2023	0.7	0.3	0.4	Monthly
PDG4	28/03/23 to 28/04/23					No Sample
PDG4	28/04/23 to 28/05/23	07/08/2023	2.3	1.1	1.2	Monthly
PDG4	28/05/23 to 28/06/23	07/08/2023	0.2	0.1	0.1	Monthly
PDG4	28/06/23 to 28/07/23	25/09/2023	0.7	0.3	0.4	Monthly
PDG4	28/07/23 to 28/08/23	25/10/2023	0.6	0.4	0.2	Monthly
PDG4	28/08/23 to 28/09/23	25/10/2023	0.5	0.2	0.3	Monthly
PDG4	28/09/23 to 26/10/23	08/11/2023	2.3	1.0	1.3	Monthly
PDG4	26/10/23 to 28/11/23	08/01/2024	5.1	2.7	2.4	Monthly
PDG4	28/11/23 to 28/12/23	28/02/2024	0.8	0.4	0.4	Monthly
PDG4	28/12/23 to 28/01/24	28/02/2024	0.1	0.05	0.05	Monthly

Note: *Italic* indicates months the site was operated by Quarry Solutions

Annual Dust Deposition Summary – PDG 4 (North East of site background reference)

Year	Pollutant	Unit of Measure	Monitoring Frequency required by License	No. of times measured during year	Min Value	Max Value	Average Value	Average Limit	Exceedance
2020	TIM	g/m ² /month	Monthly	11	0.2	2.5	1.0	4.0	N
2021	TIM	g/m ² /month	Monthly	11	0.5	1.8	0.9	4.0	N
2022	TIM	g/m ² /month	Monthly	5	0.3	1.3	<1	4.0	N
2023	TIM	g/m ² /month	Monthly	11	0.2	5.1	1.3	4.0	N
2023	TIM	g/m ² /month	Monthly	1	0.1	0.1	<1	4.0	N