



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 November 2020

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

Sample Point	Monitoring Period	Date Obtained	Deposit Rate limit of Total Insoluble Matter (4g/m ² /mth)	Deposit Rate limit of Ash (4 g/m ² /mth)	Combustible Matter (g/m ² /mth)	Monitoring Frequency
<i>PDG1</i>	<i>11/12/19 to 10/1/20</i>	<i>28/1/2020</i>	<i>0.9</i>	<i>0.7</i>	<i>0.2</i>	<i>Monthly</i>
<i>PDG1</i>	<i>10/1/20 to 10/2/20</i>	<i>20/2/2020</i>	<i>2.7</i>	<i>2.3</i>	<i>0.4</i>	<i>Monthly</i>
<i>PDG1</i>	<i>10/2/20 to 11/3/20</i>	<i>19/3/2020</i>	<i>2.8</i>	<i>2.3</i>	<i>0.5</i>	<i>Monthly</i>
<i>PDG1</i>	<i>11/3/20 to 8/4/20</i>	<i>24/4/2020</i>	<i>1.3</i>	<i>0.8</i>	<i>0.5</i>	<i>Monthly</i>
<i>PDG1</i>	<i>8/4/20 to 11/5/20</i>	<i>19/5/2020</i>	<i>0.7</i>	<i>0.3</i>	<i>0.4</i>	<i>Monthly</i>
<i>PDG1</i>	<i>11/5/20 to 9/6/20</i>	<i>23/6/2020</i>	<i>0.6</i>	<i>0.4</i>	<i>0.2</i>	<i>Monthly</i>
<i>PDG1</i>	<i>9/6/20 to 9/7/20</i>	<i>24/7/2020</i>	<i>0.2</i>	<i>0.2</i>	<i>0.0</i>	<i>Monthly</i>
<i>PDG1</i>	<i>9/7/20 to 12/8/20</i>	<i>31/8/2020</i>	<i>0.2</i>	<i>0.1</i>	<i>0.1</i>	<i>Monthly</i>
<i>PDG1</i>	<i>12/8/20 to 14/9/20</i>	<i>2/10/2020</i>	<i>0.7</i>	<i>0.5</i>	<i>0.2</i>	<i>Monthly</i>
<i>PDG1</i>	<i>14/09/20 to 12/10/20</i>	<i>22/10/2020</i>	<i>0.4</i>	<i>0.4</i>	<i>0.0</i>	<i>Monthly</i>
<i>PDG1</i>	<i>12/10/20 to 11/11/20</i>	<i>19/11/2020</i>	<i>1.8</i>	<i>1.7</i>	<i>0.1</i>	<i>Monthly</i>

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

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	11	0.2	2.8	1.1	<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
<i>PDG2</i>	<i>11/12/19 to 10/1/20</i>	<i>28/1/2020</i>	<i>2.1</i>	<i>2.0</i>	<i>0.1</i>	<i>Monthly</i>
<i>PDG2</i>	<i>10/1/20 to 10/2/20</i>	<i>20/2/2020</i>	<i>1.8</i>	<i>1.6</i>	<i>0.2</i>	<i>Monthly</i>
<i>PDG2</i>	<i>10/2/20 to 11/3/20</i>	<i>19/3/2020</i>	<i>4.5</i>	<i>3.6</i>	<i>0.9</i>	<i>Monthly</i>
<i>PDG2</i>	<i>11/3/20 to 8/4/20</i>	<i>24/4/2020</i>	<i>2.6</i>	<i>2.2</i>	<i>0.4</i>	<i>Monthly</i>
<i>PDG2</i>	<i>8/4/20 to 11/5/20</i>	<i>19/5/2020</i>	<i>1.8</i>	<i>1.5</i>	<i>0.3</i>	<i>Monthly</i>
<i>PDG2</i>	<i>11/5/20 to 9/6/20</i>	<i>23/6/2020</i>	<i>0.7</i>	<i>0.4</i>	<i>0.3</i>	<i>Monthly</i>
<i>PDG2</i>	<i>9/6/20 to 9/7/20</i>	<i>24/7/2020</i>	<i>0.3</i>	<i>0.3</i>	<i>0.0</i>	<i>Monthly</i>
<i>PDG2</i>	<i>9/7/20 to 12/8/20</i>	<i>31/8/2020</i>	<i>0.5</i>	<i>0.3</i>	<i>0.2</i>	<i>Monthly</i>
<i>PDG2</i>	<i>12/8/20 to 14/9/20</i>	<i>2/10/2020</i>	<i>0.7</i>	<i>0.4</i>	<i>0.3</i>	<i>Monthly</i>
<i>PDG2</i>	<i>14/09/20 to 12/10/20</i>	<i>22/10/2020</i>	<i>0.3</i>	<i>0.2</i>	<i>0.1</i>	<i>Monthly</i>
<i>PDG2</i>	<i>12/10/20 to 11/11/10</i>	<i>19/11/2020</i>	<i>0.7</i>	<i>0.7</i>	<i>0.0</i>	<i>Monthly</i>

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	11	0.3	4.5	1.5	4.0	N

Monthly Dust Deposition – PDG3 (North East within site)

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
<i>PDG3</i>	<i>11/12/19 to 10/1/20</i>	<i>28/1/2020</i>	<i>1.2</i>	<i>0.9</i>	<i>0.3</i>	<i>Monthly</i>
<i>PDG3</i>	<i>10/1/20 to 10/2/20</i>	<i>20/2/2020</i>	<i>1.8</i>	<i>1.3</i>	<i>0.5</i>	<i>Monthly</i>
<i>PDG3</i>	<i>10/2/20 to 11/3/20</i>	<i>19/3/2020</i>	<i>1.4</i>	<i>0.6</i>	<i>0.8</i>	<i>Monthly</i>
<i>PDG3</i>	<i>11/3/20 to 8/4/20</i>	<i>24/4/2020</i>	<i>1.5</i>	<i>0.9</i>	<i>0.6</i>	<i>Monthly</i>
<i>PDG3</i>	<i>8/4/20 to 11/5/20</i>	<i>19/5/2020</i>	<i>1.3</i>	<i>0.8</i>	<i>0.5</i>	<i>Monthly</i>
<i>PDG3</i>	<i>11/5/20 to 9/6/20</i>	<i>23/6/2020</i>	<i>1.2</i>	<i>1.1</i>	<i>0.1</i>	<i>Monthly</i>
<i>PDG3</i>	<i>9/6/20 to 9/7/20</i>	<i>24/7/2020</i>	<i>1.0</i>	<i>0.6</i>	<i>0.4</i>	<i>Monthly</i>
<i>PDG3</i>	<i>9/7/20 to 12/8/20</i>	<i>31/8/2020</i>	<i>0.9</i>	<i>0.6</i>	<i>0.3</i>	<i>Monthly</i>
<i>PDG3</i>	<i>12/8/20 to 14/9/20</i>	<i>2/10/2020</i>	<i>0.5</i>	<i>0.4</i>	<i>0.1</i>	<i>Monthly</i>
<i>PDG3</i>	<i>14/09/20 to 12/10/20</i>	<i>22/10/2020</i>	<i>0.4</i>	<i>0.2</i>	<i>0.2</i>	<i>Monthly</i>
<i>PDG3</i>	<i>12/10/20 to 11/11/10</i>	<i>19/11/2020</i>	<i>1.9</i>	<i>1.2</i>	<i>0.7</i>	<i>Monthly</i>

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

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	11	0.4	1.9	1.2	<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
<i>PDG4</i>	<i>11/12/19 to 10/1/20</i>	<i>28/1/2020</i>	<i>2.3</i>	<i>0.9</i>	<i>1.4</i>	<i>Monthly</i>
<i>PDG4</i>	<i>10/1/20 to 10/2/20</i>	<i>20/2/2020</i>	<i>1.1</i>	<i>0.8</i>	<i>0.3</i>	<i>Monthly</i>
<i>PDG4</i>	<i>11/3/20 to 8/4/20</i>	<i>24/4/2020</i>	<i>2.5</i>	<i>1.2</i>	<i>1.3</i>	<i>Monthly</i>
<i>PDG4</i>	<i>8/4/20 to 11/5/20</i>	<i>19/5/2020</i>	<i>1.1</i>	<i>0.4</i>	<i>0.7</i>	<i>Monthly</i>
<i>PDG4</i>	<i>11/5/20 to 9/6/20</i>	<i>23/6/2020</i>	<i>0.8</i>	<i>0.7</i>	<i>0.1</i>	<i>Monthly</i>
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 11/11/10	19/11/2020	1.2	0.8	0.4	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	10	0.2	2.5	1.2	4.0	N