

RICHMOND QUARRY
AIR QUALITY / DUST MONITORING RESULTS

| Sample Point | Exposure Period | Month / Year | Sampling Days (30 days +/- 2) | Sample Comments | Sample Volume (L) | Deposit Rate of Insoluble Solids Total Suspended Solids | | Deposit Rate of Ash (g/m ² /mth) Limit - 2g/m ² /mth | Deposit Rate of Combustible Matter (g/m ² /mth) |
|--------------|---------------------|--------------|----------------------------------|---------------------------------------------------|----------------------|------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|
| | | | | | | (g/m ² /mth) Limit - 4g/m ² /mth | (mg/m ² /day) | | |
| Column1 | Column2 | Column22 | Column3 | Column4 | Column5 | Column6 | Column7 | Column8 | Column9 |
| Receiver 2 | 1/8/14 - 1/9/14 | Aug-14 | 31 days | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 1/9/14 - 2/10/14 | Sep-14 | 31 days | - | 0.560L | 0.2 | 6 | 0.1 | 0.1 |
| Receiver 2 | 2/10/14 - 2/11/14 | Oct-14 | 31 days | - | 0.220L | 0.8 | 26 | 0.4 | 0.4 |
| Receiver 2 | 2/11/14 - 2/12/14 | Nov-14 | 30 days | Small amount of organic matter present | 1.1L | 2.4 | 80 | 0.5 | 1.9 |
| Receiver 2 | 2/12/14 - 2/1/15 | Dec-14 | 31 days | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 2/1/15 - 2/2/15 | Jan-15 | 31 days | - | 2.380L | 1.4 | 46 | 0.3 | 1.1 |
| Receiver 2 | 2/2/15 - 3/3/15 | Feb-15 | 29 days | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 3/3/15 - 31/3/15 | Mar-15 | 28 days | - | 0.920L | 0.5 | 18 | 0.3 | 0.2 |
| Receiver 2 | 31/3/15 - 1/05/15 | Apr-15 | 31 days | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 1/05/15 - 1/06/15 | May-15 | 30 days | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 1/06/15 - 1/07/15 | Jun-15 | 30 days | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 1/7/15 - 3/08/15 | Jul-15 | 33 days | Sample Frothy | 0.7L | 0.6 | 17 | 0.2 | 0.4 |
| Receiver 2 | 3/08/15 - 2/09/15 | Aug-15 | 30 days | - | 0.6L | 0.3 | 8 | 0.1 | 0.1 |
| Receiver 2 | 2/09/15 - 30/09/15 | Sep-15 | 28 days | - | 1.5L | 1.2 | 42 | 0.6 | 0.6 |
| Receiver 2 | 30/09/15 - 30/10/15 | Oct-15 | 30 days | - | 0.7L | 0.9 | 30 | 0.4 | 0.5 |
| Receiver 2 | 30/10/15 - 2/12/15 | Nov-15 | 33 days | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |

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|--------------|-------------------|--------------|----------------------------------|---------------------------------------------------|----------------------|------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|
| | | | | | | (g/m ² /mth) Limit - 4g/m ² /mth | (mg/m ² /day) | | |
| Receiver 2 | 2/12/15 - 2/1/16 | Dec-15 | 31 days | Cloudy, organic matter present | 1.8L | 2.3 | 75 | 0.9 | 1.5 |
| Receiver 2 | 2/1/16 - 2/2/16 | Jan-16 | 31 days | Organic matter present | 1.25L | 1.9 | 62 | 0.5 | 1.4 |
| Receiver 2 | 2/2/16 - 4/3/16 | Feb-16 | 31 days | - | 1.98L | 0.6 | 20 | 0 | 0.6 |
| Receiver 2 | 4/3/16 - 1/4/16 | Mar-16 | 28 days | - | 2.63L | 0.8 | 28 | 0.1 | 0.7 |
| Receiver 2 | 1/4/16 - 4/5/16 | Apr-16 | 33 days | - | 1.7L | 0.5 | 14 | 0.2 | 0.3 |
| Receiver 2 | 4/5/16 - 1/6/16 | May-16 | 28 | - | 0.11L | 0.3 | 11 | 0.2 | 0.1 |
| Receiver 2 | 1/6/16 - 1/7/16 | Jun-16 | 30 | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 1/7/16 - 2/8/16 | Jul-16 | 32 | Cane ash | 0.25L | 0.4 | 11 | 0.1 | 0.2 |
| Receiver 2 | 2/8/16 - 2/9/16 | Aug-16 | 31 | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 2/9/16 - 30/9/16 | Sep-16 | 28 | Dead bugs | 0.45L | 0.1 | 3 | 0.1 | 0 |
| Receiver 2 | 30/9/16 - 3/11/16 | Oct-16 | 34 | Cloudy, organic matter present | 0.27L | 2.3 | 67 | 1.3 | 0.9 |
| Receiver 2 | 3/11/16 - 5/12/16 | Nov-16 | 32 | Beetles | 2.35L | 4.2 | 130 | 1.1 | 3.1 |
| Receiver 2 | 5/12/16 - 4/1/17 | Dec-16 | 30 | - | 1.78L | 1.3 | 42 | 0.3 | 1 |
| Receiver 2 | 4/1/17 - 5/2/17 | Jan-17 | 32 | - | 1.7L | 0.4 | 15 | 0 | 0.4 |
| Receiver 2 | 5/2/17 - 8/3/17 | Feb-17 | 31 | - | 2.81L | 0.4 | 14 | 0.1 | 0.3 |
| Receiver 2 | 8/3/17 - 6/4/17 | Mar-17 | 29 | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 6/4/17 - 2/5/17 | Apr-17 | 26 | - | 0.25L | 0.3 | 12 | 0.1 | 0.3 |
| Receiver 2 | 2/05/17 - 5/6/17 | May-17 | 34 | - | 1.25L | 0.6 | 21 | 0.2 | 0.4 |
| Receiver 2 | 5/6/17 - 3/7/17 | Jun-17 | 28 | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |

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| | | | | | | (g/m ² /mth) Limit - 4g/m ² /mth | (mg/m ² /day) | | |
| Receiver 2 | 3/7/17 - 3/8/17 | Jul-17 | 31 | - | 0.12L | 0.5 | 16 | 0.2 | 0.2 |
| Receiver 2 | 3/8/17 - 4/9/17 | Aug-17 | 32 | - | 0.19L | 0.8 | 28 | 0.4 | 0.4 |
| Receiver 2 | 4/09/17 - 4/10/17 | Sep-17 | 30 | Ants | 0.7L | 0.8 | 27 | 0.5 | 0.3 |
| Receiver 2 | 4/10/17 - 2/11/17 | Oct-17 | 29 | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 2/11/17 - 4/12/17 | Nov-17 | 32 | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 4/12/17 - 4/1/18 | Dec-17 | 31 | Sample unsuccessful - excess rain, DDG overflowed | N/A | N/A | N/A | N/A | N/A |
| Receiver 2 | 4/1/18 - 6/02/18 | Jan-18 | 33 | Insect/organic matter | 1.3L | 0.4 | 14 | 0 | 0.4 |
| Receiver 2 | 6/02/18 - 5/03/18 | Feb-18 | 27 | Fine organic matter | 2.57L | 1.2 | 39 | 0.4 | 0.8 |
| Receiver 2 | 5/03/18 - 4/04/18 | Mar-18 | 30 | Organic matter present | 2.42L | 0.7 | 24 | 0 | 0.7 |
| Receiver 2 | 4/04/18 - 7/05/18 | Apr-18 | 33 | Clear/small organic matter | 0.84L | 0.7 | 24 | 0.1 | 0.6 |
| Receiver 2 | 7/05/18 - 06/06/18 | May-18 | 29 | Organic matter present | 0.43L | 1.0 | 33 | 0.4 | 0.6 |
| Receiver 2 | 7/06/18 - 5/07/18 | Jun-18 | 28 | Cloudy, organic matter present | 1.17L | 1.0 | 34 | 0.2 | 0.9 |
| Receiver 2 | 5/07/18 - 9/08/18 | Jul-18 | 34 | Cloudy/ dirty/ organic matter | 0.1L | 0.8 | 28 | 0.1 | 0.8 |
| D1 | 10/08/18-7/09/18 | Aug-18 | 28 | - | 1.4L | 1.2 | 41 | 1.1 | 0.2 |
| D1 | 7/09/18 - 5/10/18 | Sep-18 | 28 | - | 0.11L | 0.7 | 24 | 0.4 | 0.3 |
| D1 | 5/10/18 - 5/11/18 | Oct-18 | 31 | - | 4.22L | 0.4 | 12 | 0.2 | 0.1 |
| D1 | 5/11/18 - 6/12/18 | Nov-18 | 32 | Insects | 0.64L | 1.6 | 53 | 1 | 0.6 |
| D1 | 6/12/18 - 7/01/18 | Dec-18 | 32 | Organic matter present | 0.2L | 1 | 33 | 0.7 | 0.3 |
| D1 | 7/01/19- 6/02/19 | Jan-19 | 31 | - | 0.040L | 0.2 | 5 | 0 | 0.2 |
| D1 | 7/02/19 - 8/03/19 | Feb-19 | 29 | - | 0.700L | 1.3 | 45 | 0.9 | 0.4 |
| D1 | 08/03/19 - 08/04/19 | Mar-19 | 31 | Organic matter present | 3.22L | 0.9 | 31 | 0.1 | 0.8 |