

**RIX'S CREEK MINE AIR QUALITY RESULTS  
2019 TEOM & Dusttrak SUMMARY**

License Number: 3391  
 Licensee: RIX'S CREEK PTY. LIMITED  
 PO BOX 4  
 EAST MAITLAND NSW 2323  
 Premises: RIX'S CREEK COLLIERY  
 RIX'S CREEK LANE  
 SINGLETON NSW 2330

Monitoring Frequency: Continuous  
 Sampling Method: AM-22  
 Averaging period: 24hrs  
 Pollutant: PM10  
 Units of measure: micrograms per cubic metre



2019										
Month	EPA ID	Sampling Point	First Sample Date	Last sample date	Date obtained	Min daily average	Mean daily average	Max daily average	Annual Guideline	24 hr Criteria
JAN	12	RCN - North West	1/01/2019	31/01/2019	Daily	13.6	36.5	60.9	30.00	50.00
	13	RCN - South East	1/01/2019	31/01/2019	Daily	10.5	28.9	56.1	30.00	50.00
	14	RCN - North East	1/01/2019	31/01/2019	Daily	9.7	28.2	52.8	30.00	50.00
	15	RCS - North West	1/01/2019	31/01/2019	11/02/2019	7.1	24.5	45.8	30.00	50.00
FEB	16	RCS - South East	1/01/2019	31/01/2019	11/02/2019	8.0	19.3	35.9	30.00	50.00
	12	RCN - North West	1/02/2019	28/02/2019	Daily	18.3	34.6	73.9	30.00	50.00
	13	RCN - South East	1/02/2019	28/02/2019	Daily		28.2	66.7	30.00	50.00
	14	RCN - North East	1/02/2019	28/02/2019	Daily	13.9	26.7	64.6	30.00	50.00
	15	RCS - North West	1/02/2019	28/02/2019	13/03/2019	5.0	9.7	19.4	30.00	50.00
MAR	16	RCS - South East	1/02/2019	28/02/2019	13/03/2019	5.3	10.8	24.6	30.00	50.00
	12	RCN - North West	1/03/2019	31/03/2019	Daily	6.0	17.6	35.1	30.00	50.00
		UHAQMN Cambwell					28.4			
	13	RCN - South East	1/03/2019	31/03/2019	Daily	9.0	28.0	89.8	30.00	50.00
	14	RCN - North East	1/03/2019	31/03/2019	Daily	9.8	24.4	78.7	30.00	50.00
	15	RCS - North West	1/03/2019	31/03/2019	8/04/2019	1.3	15.0	31.6	30.00	50.00
APR	16	RCS - South East	1/03/2019	31/03/2019	4/04/2019	4.0	15.7	32.3	30.00	50.00
	12	RCN - North West	1/04/2019	30/04/2019	Daily	9.4	14.9	22.3	30.00	50.00
		UHAQMN Cambwell					24.6			
	13	RCN - South East	1/04/2019	30/04/2019	Daily	8.3	24.0	62.6	30.00	50.00
	14	RCN - North East	1/04/2019	30/04/2019	Daily	8.2	20.5	55.5	30.00	50.00
MAY	15	RCS - North West	1/04/2019	30/04/2019	17/05/2019	2.4	14.0	33.0	30.00	50.00
	16	RCS - South East	1/04/2019	30/04/2019	17/05/2019	5.3	16.9	34.7	30.00	50.00
	12	RCN - North West	1/05/2019	31/05/2019	Daily	10.0	16.4	54.6	30.00	50.00
		UHAQMN Cambwell					34.2			
JUNE	13	RCN - South East	1/05/2019	31/05/2019	Daily	7.1	31.5	67.9	30.00	50.00
	14	RCN - North East	1/05/2019	31/05/2019	Daily	7.7	23.9	59.6	30.00	50.00
	15	RCS - North West	7/05/2019**	31/05/2019	14/06/2019	4.6	16.0	39.8	30.00	50.00
	16	RCS - South East	1/05/2019	31/05/2019	14/06/2019	4.0	16.8	37.2	30.00	50.00
JULY	12	RCN - North West	1/06/2019	30/06/2019	Daily	16.2	37.1	60.7	30.00	50.00
	13	RCN - South East	1/06/2019	30/06/2019	Daily	9.0	24.6	47.1	30.00	50.00
	14	RCN - North East	1/06/2019	30/06/2019	Daily	5.9	17.4	37.8	30.00	50.00
	15	RCS - North West	1/06/2019	30/06/2019	15/07/2019	2.9	14.0	35.6	30.00	50.00
	16	RCS - South East	1/06/2019	30/06/2019	15/07/2019	2.0	14.2	52.2	30.00	50.00
AUG	12	RCN - North West	1/07/2019	31/07/2019	Daily	17.7	41.7	71.5	30.00	50.00
	13	RCN - South East	1/07/2019	31/07/2019	Daily	8.5	29.8	53.1	30.00	50.00
	14	RCN - North East	1/07/2019	31/07/2019	Daily	6.8	20.3	36.6	30.00	50.00
	15	RCS - North West	1/07/2019	31/07/2019	6/08/2019	3.9	13.6	37.1	30.00	50.00
SEPT	16	RCS - South East	1/07/2019	31/07/2019	6/08/2019	3.1	11.8	22.1	30.00	50.00
	12	RCN - North West	1/08/2019	31/08/2019	Daily	8.9	44.6	91.2	30.00	50.00
	13	RCN - South East	1/08/2019	31/08/2019	Daily	7.1	36.1	74.0	30.00	50.00
	14	RCN - North East	1/08/2019	31/08/2019	Daily	7.3	28.4	64.9	30.00	50.00
	15	RCS - North West	1/08/2019	31/08/2019	12/09/2019	2.2	13.0	32.0	30.00	50.00
OCT	16	RCS - South East	1/08/2019	31/08/2019	12/09/2019	1.2	12.1	31.0	30.00	50.00
	12	RCN - North West	1/09/2019	30/09/2019	Daily	10.6	35.4	69.5	30.00	50.00
	13	RCN - South East	1/09/2019	30/09/2019	Daily	9.7	29.9	68.6	30.00	50.00
	14	RCN - North East	1/09/2019	30/09/2019	Daily	9.8	23.1	54.3	30.00	50.00
	15	RCS - North West	1/09/2019	30/09/2019	22/10/2019	2.8	14.7	34.7	30.00	50.00
	16	RCS - South East	1/09/2019	30/09/2019	22/10/2019	2.4	12.7	30.8	30.00	50.00
NOV	12	RCN - North West	1/10/2019	31/10/2019	Daily	11.9	51.1	153.2	30.00	50.00
	13	RCN - South East	1/10/2019	31/10/2019	Daily	9.3	44.2	112.6	30.00	50.00
	14	RCN - North East	1/10/2019	31/10/2019	Daily	9.6	37.1	100.1	30.00	50.00
	15	RCS - North West	1/10/2019	31/10/2019	13/11/2019	5.6	35.8	234.3	30.00	50.00
	16	RCS - South East	1/10/2019	31/10/2019	13/11/2019	3.9	29.5	205.6	30.00	50.00
DEC	12	RCN - North West	1/11/2019	30/11/2019	Daily	22.9	70.5	116.7	30.00	50.00
	13	RCN - South East	1/11/2019	30/11/2019	Daily	16.6	65.4	131.5	30.00	50.00
	14*	RCN - North East	1/11/2019	30/11/2019	Daily	13.1	63.2	119.9	30.00	50.00
	15	RCS - North West	1/11/2019	29/11/2019	13/12/2019	5.6	43.0	148.6	30.00	50.00
DEC	16	RCS - South East	1/11/2019	29/11/2019	13/12/2019	4.1	44.6	137.5	30.00	50.00
	12	RCN - North West	1/12/2019	31/12/2019	Daily	31.0	63.1	105.5	30.00	50.00
	13	RCN - South East	1/12/2019	30/12/2019	Daily	16.3	52.9	105.9	30.00	50.00
14	RCN - North East	1/12/2019	30/12/2019	Daily	20.4	59.2	112.4	30.00	50.00	
15	RCS - North West	1/12/2019	31/12/2019	30/01/2020	10.0	61.2	151.0	30.00	50.00	
16	RCS - South East	1/12/2019	31/12/2019	30/01/2020	7.2	60.7	144.5	30.00	50.00	

2019 RCN - North West			2019 RCN - South East			2019 RCN - North East		
Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max
6.0	38.6	153.2	7.1	35.3	131.5	1.2	22.1	205.6

2019 RCS - North West (Bowmans)			2019 RCS - South East (South Rehab)		
Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max
1.28	22.88	234.30	1.23	22.09	205.60

TEOM data updated 05/02/2020  
Dusttrak data updated 30/01/2020

\*UHAQMN Camberwell Data has been referenced for the months of March, April and May 2019 due to RCN NW TEOM anomalies in readings identified during this time period.  
\* TEOM NE.Dust.PM10 24hr Average Filter change out on these Nov 2nd, 3rd,4th and 5th. UHAQMN compared for these dates.  
\* TEOM NW.Dust.PM10 24hr Average Filter change out on these Dec 10th, 11th, 12th. UHAQMN compared for these dates.

