

RIX'S CREEK MINE AIR QUALITY RESULTS
YEM 2025 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



YEM 25										
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
APR	12	RCN - North West	1/04/2024	30/04/2024	Daily	7.4	16.9	29.8	25.00	50.00
	13	RCN - South East	1/04/2024	30/04/2024	Daily	10.2	18.9	33.9	25.00	50.00
	14	RCN - North East	1/04/2024	30/04/2024	Daily	6.5	14.0	23.8	25.00	50.00
	15	RCS - North West	1/04/2024	30/04/2024	Daily	4.1	12.1	28.1	25.00	50.00
	16	RCS - South East	1/04/2024	30/04/2024	Daily	2.9	9.8	21.7	25.00	50.00
MAY	12	RCN - North West	1/05/2024	31/05/2024	Daily	5.6	13.5	21.9	25.00	50.00
	13	RCN - South East	1/05/2024	31/05/2024	Daily	2.0	13.9	26.1	25.00	50.00
	14	RCN - North East	1/05/2024	31/05/2024	Daily	5.0	11.1	23.1	25.00	50.00
	15	RCS - North West	1/05/2024	31/05/2024	Daily	1.4	10.5	35.2	25.00	50.00
	16	RCS - South East	1/05/2024	31/05/2024	Daily	1.4	15.8	42.5	25.00	50.00
JUNE	12	RCN - North West	1/06/2024	30/06/2024	Daily	6.4	12.4	20.2	25.00	50.00
	13	RCN - South East	1/06/2024	30/06/2024	Daily	11.2	19.2	29.9	25.00	50.00
	14	RCN - North East	1/06/2024	30/06/2024	Daily	5.9	10.9	18.9	25.00	50.00
	15	RCS - North West	1/06/2024	30/06/2024	Daily	3.0	7.5	20.7	25.00	50.00
	16	RCS - South East	1/06/2024	30/06/2024	Daily	3.7	10.8	21.9	25.00	50.00
JULY	12	RCN - North West	1/07/2024	31/07/2024	Daily	4.2	11.7	31.9	25.00	50.00
	13	RCN - South East	1/07/2024	31/07/2024	Daily	6.2	14.8	32.1	25.00	50.00
	14	RCN - North East	1/07/2024	31/07/2024	Daily	2.7	11.2	39.5	25.00	50.00
	15	RCS - North West	1/07/2024	31/07/2024	Daily	1.7	5.8	16.9	25.00	50.00
	16	RCS - South East	1/07/2024	31/07/2024	Daily	3.1	9.6	24.2	25.00	50.00
AUG	12	RCN - North West	1/08/2024	31/08/2024	Daily	7.3	16.6	45.8	25.00	50.00
	13	RCN - South East	1/08/2024	31/08/2024	Daily	4.6	16.9	46.3	25.00	50.00
	14	RCN - North East	1/08/2024	31/08/2024	Daily	6.0	13.8	32.1	25.00	50.00
	15	RCS - North West	1/08/2024	31/08/2024	Daily	3.5	12.5	28.7	25.00	50.00
	16	RCS - South East	1/08/2024	31/08/2024	Daily	5.5	18.4	47.0	25.00	50.00
SEPT	12	RCN - North West	1/09/2024	30/09/2024	Daily	10.5	22.6	39.3	25.00	50.00
	13	RCN - South East	1/09/2024	30/09/2024	Daily	13.3	30.6	51.3	25.00	50.00
	14	RCN - North East	1/09/2024	30/09/2024	Daily	10.7	20.5	43.0	25.00	50.00
	15	RCS - North West	1/09/2024	30/09/2024	Daily	3.2	9.6	27.5	25.00	50.00
	16	RCS - South East	1/09/2024	30/09/2024	Daily	3.4	12.6	47.2	25.00	50.00
OCT	12	RCN - North West	1/10/2024	31/10/2024	Daily	11.0	20.5	32.7	25.00	50.00
	13	RCN - South East	1/10/2024	31/10/2024	Daily	7.7	19.9	37.2	25.00	50.00
	14	RCN - North East	1/10/2024	31/10/2024	Daily	9.2	18.5	29.6	25.00	50.00
	15	RCS - North West	1/10/2024	31/10/2024	Daily	3.8	9.6	14.8	25.00	50.00
	16	RCS - South East	1/10/2024	31/10/2024	Daily	5.4	10.8	15.7	25.00	50.00
NOV	12	RCN - North West	1/11/2024	30/11/2024	Daily	9.4	20.5	41.1	25.00	50.00
	13	RCN - South East	1/11/2024	30/11/2024	Daily	8.3	20.7	50.8	25.00	50.00
	14	RCN - North East	1/11/2024	30/11/2024	Daily	10.3	19.2	38.0	25.00	50.00
	15	RCS - North West	1/11/2024	30/11/2024	Daily	5.4	13.1	44.3	25.00	50.00
	16	RCS - South East	1/11/2024	30/11/2024	Daily	5.3	14.8	41.9	25.00	50.00
DEC	12	RCN - North West	1/12/2024	31/12/2024	Daily	13.3	21.7	33.1	25.00	50.00
	13	RCN - South East	1/12/2024	31/12/2024	Daily	12.8	24.6	41.2	25.00	50.00
	14	RCN - North East	1/12/2024	31/12/2024	Daily	11.1	18.8	29.8	25.00	50.00
	15	RCS - North West	1/12/2024	31/12/2024	Daily	7.4	15.5	41.0	25.00	50.00
	16	RCS - South East	1/12/2024	31/12/2024	Daily	6.6	13.3	37.2	25.00	50.00
JAN	12	RCN - North West	1/01/2025	31/01/2025	Daily	6.3	17.5	30.4	25.00	50.00
	13	RCN - South East	1/01/2025	31/01/2025	Daily	6.6	20.0	43.3	25.00	50.00
	14	RCN - North East	1/01/2025	31/01/2025	Daily	5.2	15.5	27.3	25.00	50.00
	15	RCS - North West	1/01/2025	31/01/2025	Daily	1.2	11.7	25.4	25.00	50.00
	16	RCS - South East	1/01/2025	31/01/2025	Daily	2.1	10.2	17.9	25.00	50.00
FEB	12	RCN - North West	1/02/2025	28/02/2025	Daily	9.0	17.4	29.5	25.00	50.00
	13	RCN - South East	1/02/2025	28/02/2025	Daily	8.2	17.0	29.5	25.00	50.00
	14	RCN - North East	1/02/2025	28/02/2025	Daily	2.4	14.1	22.1	25.00	50.00
	15	RCS - North West	1/02/2025	28/02/2025	Daily	1.5	6.5	18.9	25.00	50.00
	16	RCS - South East	1/02/2025	28/02/2025	Daily	0.4	7.8	24.4	25.00	50.00
MAR	12	RCN - North West	1/03/2025	31/03/2025	Daily	5.8	16.9	57.1	25.00	50.00
	13	RCN - South East	1/03/2025	31/03/2025	Daily	5.4	17.4	31.0	25.00	50.00
	14	RCN - North East	1/03/2025	31/03/2025	Daily	6.2	13.1	27.6	25.00	50.00
	15	RCS - North West	1/03/2025	31/03/2025	Daily	1.1	4.3	13.8	25.00	50.00
	16	RCS - South East	1/03/2025	31/03/2025	Daily	1.5	7.3	18.0	25.00	50.00

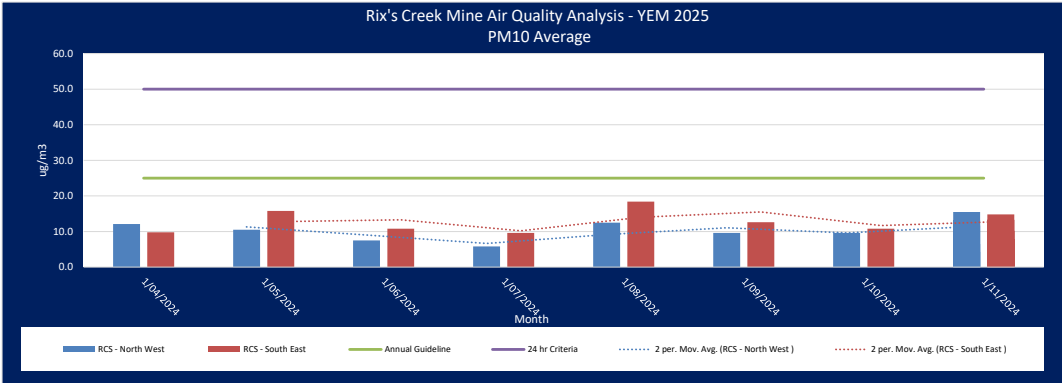
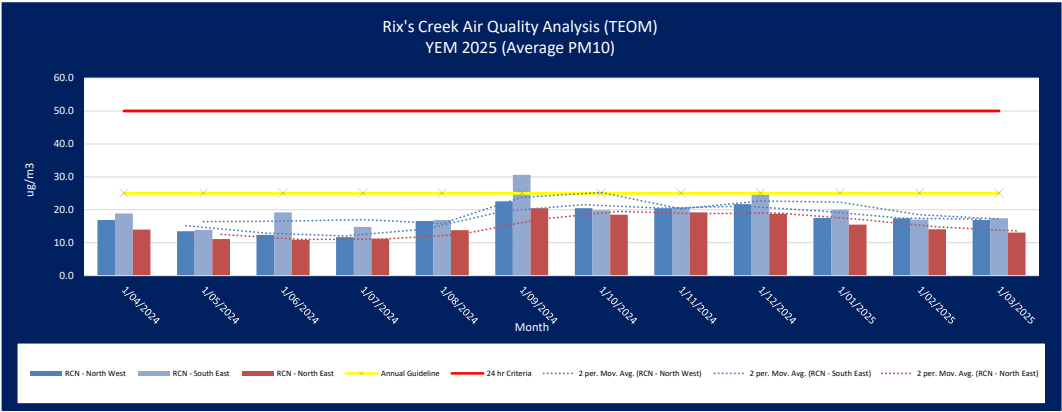
YEM 2025 RCN - North West			YEM 2025 RCN - South East			YEM 2025 RCN - North East		
Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max
4.2	17.4	57.1	2.0	17.8	51.3	2.4	15.1	43.0

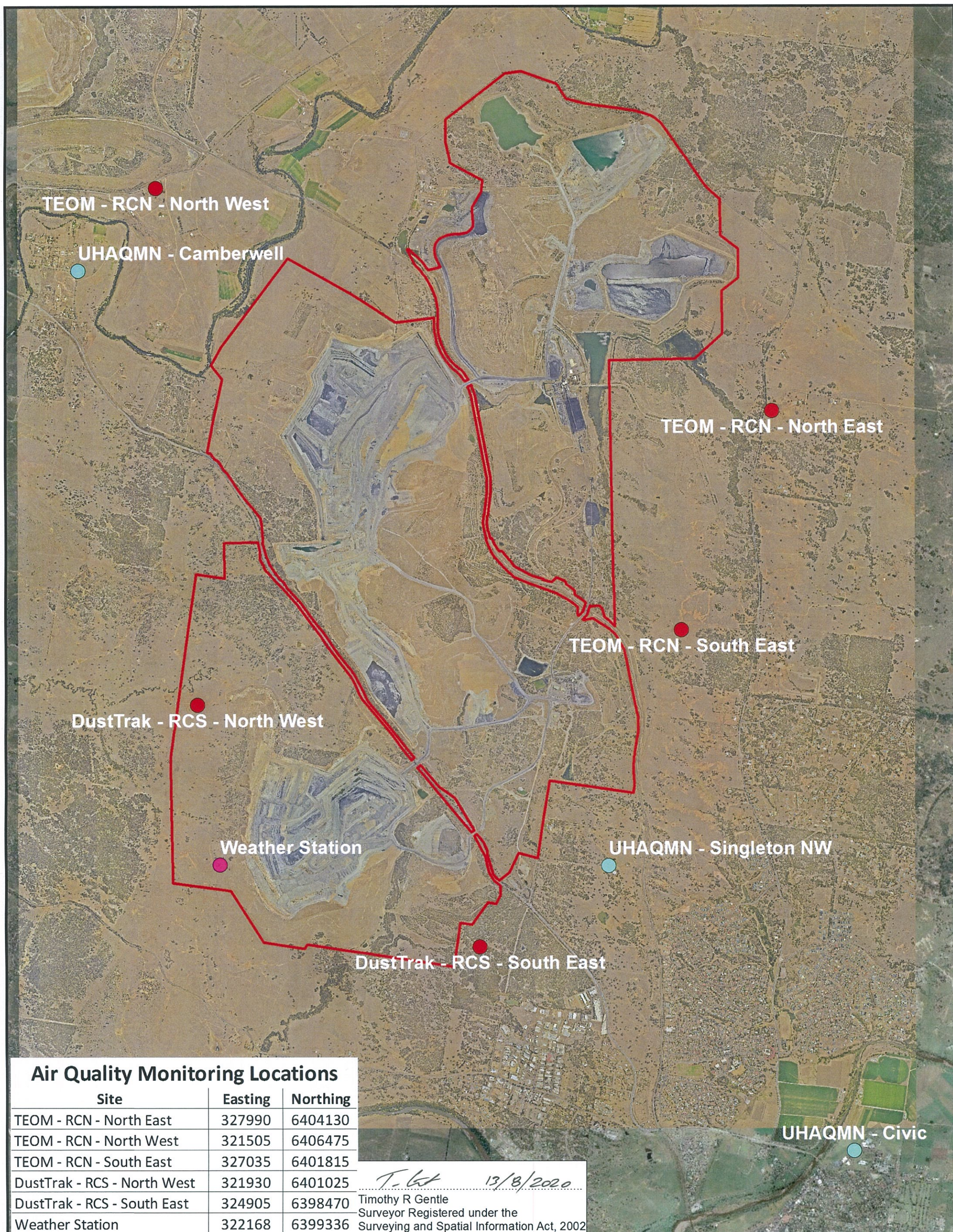
YEM 2025 RCS - North West (Bowmans)			YEM 2025 RCS - South East (South Rehab)		
Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max
1.10	9.89	44.3	0.40	11.77	47.2

TEOM data updated 7/04/2025

Dustrak data updated 7/04/2025

- * Saturday 22/06/2024 NW TEOM went offline. TEOM Was rebooted by Environment Officer Monday 24/06/2024
- * Saturday 29/06/2024 NW TEOM went offline. TEOM unit was replaced by contractor Monday 1/07/2024
- * Tuesday 17/09/2024 Bowmans Dustrak went offline. Dustrak unit was replaced Wednesday 18/09/2024
- * Monday 7/10/2024 Bowmans Dustrak went offline. Dustrak unit was rebooted Tuesday 8/10/2024
- * Tuesday 26/11/2024 Bowmans Dustrak went offline. Dustrak unit was rebooted Wednesday 27/11/2024
- * Monday 23/12/2024 NW, SE & NE TEOM were down for calibration. Maintenance was completed by the 24/12/2024
- * Tuesday 25/02/2025 NE TEOM went offline due to a power outage. TEOM was rebooted by Environment Officer on Wednesday 26/02/2025
- * Sunday 16/03/2025 Rehab Dustrak went offline due to a battery failure. Battery was replaced on Monday 17/03/2025





Air Quality Monitoring Locations

Site	Easting	Northing
TEOM - RCN - North East	327990	6404130
TEOM - RCN - North West	321505	6406475
TEOM - RCN - South East	327035	6401815
DustTrak - RCS - North West	321930	6401025
DustTrak - RCS - South East	324905	6398470
Weather Station	322168	6399336

T. Gentle 13/8/2020
 Timothy R Gentle
 Surveyor Registered under the
 Surveying and Spatial Information Act, 2002



Legend

- Weather Station
- Air Quality Monitoring Sites
- UHAQMN Sites
- EPL PREMISES BOUNDARY

AIR QUALITY MONITORING LOCATIONS - EPL3391



Author: TRG
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