

RIX'S CREEK MINE AIR QUALITY RESULTS
2022 / 2023 TEOM/Dustrak 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



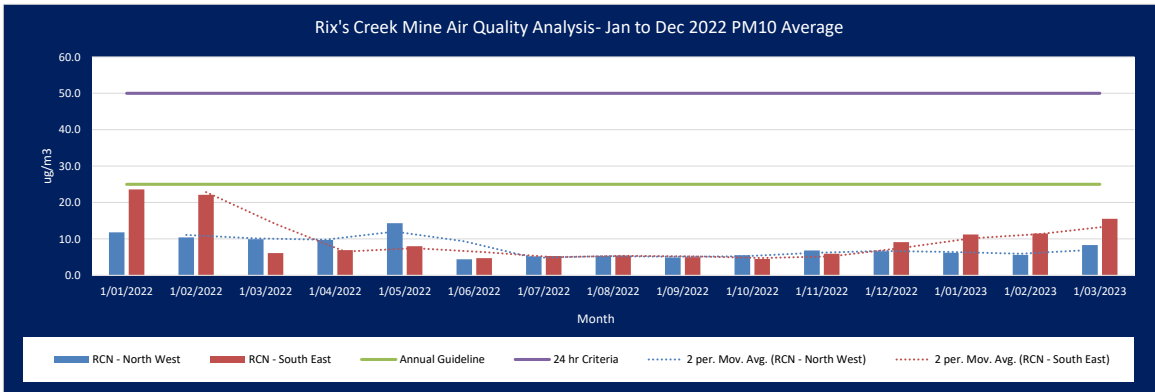
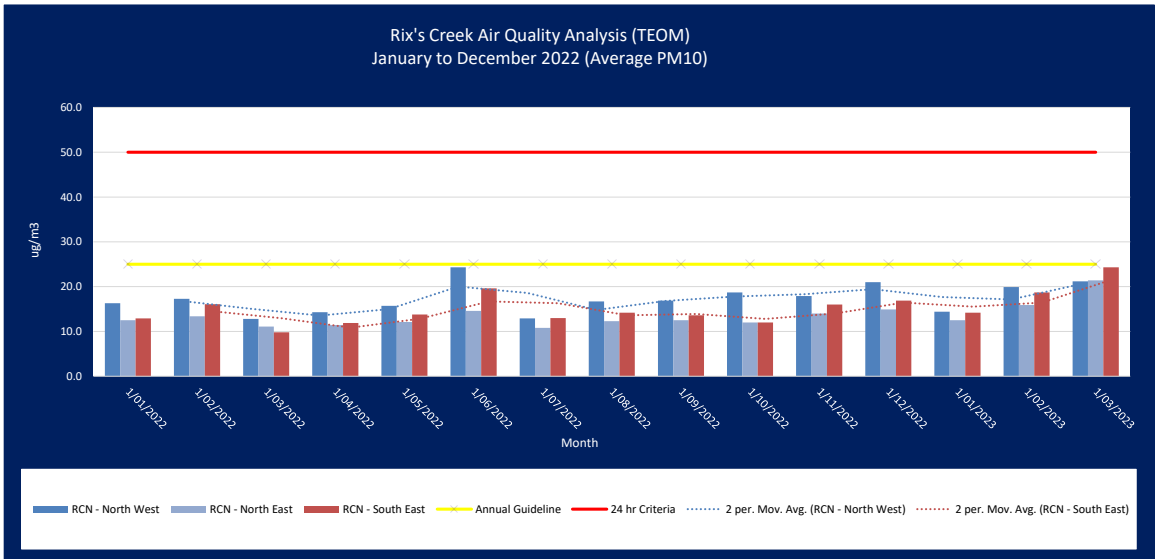
2022 / 2023										
Month	EPA ID	Sampling Point	First Sample Date	Last sample date	Date obtained	Min daily average	Mean daily average	Max daily average	Annual Guideline	24 hr Criteria
JAN	12	RCN - North West	1/01/2022	31/01/2022	Daily	8.9	16.3	27.8	25.00	50.00
	13	RCN - South East	1/01/2022	31/01/2022	Daily	6.9	12.9	23.0	25.00	50.00
	14	RCN - North East	1/01/2022	31/01/2022	Daily	8.0	12.5	19.9	25.00	50.00
	15	RCS - North West	1/01/2022	31/01/2022	Daily	4.7	11.8	32.9	25.00	50.00
	16	RCS - South East	1/01/2022	31/01/2022	Daily	9.8	23.6	76.6	25.00	50.00
FEB	12	RCN - North West	1/02/2022	28/02/2022	Daily	8.0	17.3	33.5	25.00	50.00
	13	RCN - South East	1/02/2022	28/02/2022	Daily	6.0	16.1	31.9	25.00	50.00
	14	RCN - North East	1/02/2022	28/02/2022	Daily	7.6	13.4	10.4	25.00	50.00
	15	RCS - North West	1/02/2022	28/02/2022	Daily	5.0	10.4	17.9	25.00	50.00
	16	RCS - South East	1/02/2022	28/02/2022	Daily	10.2	22.1	42.5	25.00	50.00
MAR	12	RCN - North West	1/03/2022	31/03/2022	Daily	6.4	12.8	30.8	25.00	50.00
	13	RCN - South East	1/03/2022	31/03/2022	Daily	3.7	9.8	32.6	25.00	50.00
	14	RCN - North East	1/03/2022	31/03/2022	Daily	4.1	11.1	27.2	25.00	50.00
	15	RCS - North West	1/03/2022	31/03/2022	Daily	3.8	9.9	24.1	25.00	50.00
	16	RCS - South East	1/03/2022	31/03/2022	Daily	2.1	6.1	16.3	25.00	50.00
APR	12	RCN - North West	1/04/2022	30/04/2022	Daily	6.2	14.3	31.0	25.00	50.00
	13	RCN - South East	1/04/2022	30/04/2022	Daily	5.5	11.9	24.8	25.00	50.00
	14	RCN - North East	1/04/2022	30/04/2022	Daily	6.0	11.4	22.9	25.00	50.00
	15	RCS - North West	1/04/2022	30/04/2022	Daily	3.6	9.7	21.4	25.00	50.00
	16	RCS - South East	1/04/2022	30/04/2022	Daily	2.6	6.9	17.0	25.00	50.00
MAY	12	RCN - North West	1/05/2022	31/05/2022	Daily	7.4	15.7	26.4	25.00	50.00
	13	RCN - South East	1/05/2022	31/05/2022	Daily	6.4	13.8	27.7	25.00	50.00
	14	RCN - North East	1/05/2022	31/05/2022	Daily	6.7	12.1	16.6	25.00	50.00
	15	RCS - North West	1/05/2022	31/05/2022	Daily	1.4	14.3	35.0	25.00	50.00
	16	RCS - South East	1/05/2022	31/05/2022	Daily	1.9	8.0	19.1	25.00	50.00
JUNE	12	RCN - North West	1/06/2022	30/06/2022	Daily	9.7	24.3	37.9	25.00	50.00
	13	RCN - South East	1/06/2022	30/06/2022	Daily	7.0	19.6	33.3	25.00	50.00
	14	RCN - North East	1/06/2022	30/06/2022	Daily	3.0	14.6	24.0	25.00	50.00
	15	RCS - North West	1/06/2022	30/06/2022	Daily	1.1	4.4	10.5	25.00	50.00
	16	RCS - South East	1/06/2022	30/06/2022	Daily	1.8	4.7	11.5	25.00	50.00
JULY	12	RCN - North West	1/07/2022	31/07/2022	Daily	2.4	12.9	24.9	25.00	50.00
	13	RCN - South East	1/07/2022	31/07/2022	Daily	6.7	13.0	21.6	25.00	50.00
	14	RCN - North East	1/07/2022	31/07/2022	Daily	3.2	10.8	25.4	25.00	50.00
	15	RCS - North West	1/07/2022	31/07/2022	Daily	1.0	5.2	17.8	25.00	50.00
	16	RCS - South East	1/07/2022	31/07/2022	Daily	1.3	5.3	16.5	25.00	50.00
AUG	12	RCN - North West	1/08/2022	31/08/2022	Daily	8.3	16.7	29.5	25.00	50.00
	13	RCN - South East	1/08/2022	31/08/2022	Daily	5.0	14.2	26.8	25.00	50.00
	14	RCN - North East	1/08/2022	31/08/2022	Daily	5.6	12.3	22.3	25.00	50.00
	15	RCS - North West	1/08/2022	31/08/2022	Daily	1.1	5.3	12.1	25.00	50.00
	16	RCS - South East	1/08/2022	31/08/2022	Daily	1.4	5.4	11.8	25.00	50.00
SEPT	12	RCN - North West	1/09/2022	30/09/2022	Daily	7.3	16.9	32.0	25.00	50.00
	13	RCN - South East	1/09/2022	30/09/2022	Daily	5.8	13.6	25.7	25.00	50.00
	14	RCN - North East	1/09/2022	30/09/2022	Daily	6.1	12.5	20.6	25.00	50.00
	15	RCS - North West	1/09/2022	30/09/2022	Daily	1.4	4.9	11.4	25.00	50.00
	16	RCS - South East	1/09/2022	30/09/2022	Daily	1.8	5.0	10.3	25.00	50.00
OCT	12	RCN - North West	1/10/2022	31/10/2022	Daily	6.8	18.7	44.1	25.00	50.00
	13	RCN - South East	1/10/2022	31/10/2022	Daily	4.2	12.0	31.6	25.00	50.00
	14	RCN - North East	1/10/2022	31/10/2022	Daily	5.4	12.0	28.2	25.00	50.00
	15	RCS - North West	1/10/2022	31/10/2022	Daily	1.4	5.5	11.6	25.00	50.00
	16	RCS - South East	1/10/2022	31/10/2022	Daily	1.4	4.5	10.6	25.00	50.00
NOV	12	RCN - North West	1/11/2022	30/11/2022	Daily	6.6	17.9	37.0	25.00	50.00
	13	RCN - South East	1/11/2022	30/11/2022	Daily	5.6	16.0	27.2	25.00	50.00
	14	RCN - North East	1/11/2022	30/11/2022	Daily	6.4	14.0	21.9	25.00	50.00
	15	RCS - North West	1/11/2022	30/11/2022	Daily	1.8	6.8	17.1	25.00	50.00
	16	RCS - South East	1/11/2022	30/11/2022	Daily	1.4	5.9	21.8	25.00	50.00
DEC	12	RCN - North West	1/12/2022	31/12/2022	Daily	9.6	21.0	34.7	25.00	50.00
	13	RCN - South East	1/12/2022	31/12/2022	Daily	6.8	16.9	28.8	25.00	50.00
	14	RCN - North East	1/12/2022	31/12/2022	Daily	7.8	14.9	22.6	25.00	50.00
	15	RCS - North West	1/12/2022	31/12/2022	Daily	1.8	6.6	14.2	25.00	50.00
	16	RCS - South East	1/12/2022	31/12/2022	Daily	3.4	9.1	19.5	25.00	50.00
JAN	12	RCN - North West	1/01/2023	31/01/2023	Daily	6.2	14.4	23.7	25.00	50.00
	13	RCN - South East	1/01/2023	31/01/2023	Daily	8.1	14.2	23.1	25.00	50.00
	14	RCN - North East	1/01/2023	31/01/2023	Daily	5.3	12.5	23.6	25.00	50.00
	15	RCS - North West	1/01/2023	31/01/2023	Daily	2.0	6.2	14.3	25.00	50.00
	16	RCS - South East	1/01/2023	31/01/2023	Daily	3.8	11.2	25.6	25.00	50.00
FEB	12	RCN - North West	1/02/2023	28/02/2023	Daily	5.5	19.9	33.3	25.00	50.00
	13	RCN - South East	1/02/2023	28/02/2023	Daily	7.5	18.7	36.3	25.00	50.00
	14	RCN - North East	1/02/2023	28/02/2023	Daily	6.0	15.9	28.5	25.00	50.00
	15	RCS - North West	1/02/2023	28/02/2023	Daily	1.8	5.6	13.1	25.00	50.00
	16	RCS - South East	1/02/2023	28/02/2023	Daily	4.5	11.5	23.8	25.00	50.00
MAR	12	RCN - North West	1/03/2023	31/03/2023	Daily	6.9	21.2	60.7	25.00	50.00
	13	RCN - South East	1/03/2023	31/03/2023	Daily	7.9	24.3	55.1	25.00	50.00
	14	RCN - North East	1/03/2023	31/03/2023	Daily	6.9	21.4	46.0	25.00	50.00
	15	RCS - North West	1/03/2023	31/03/2023	Daily	3.3	8.3	18.0	25.00	50.00
	16	RCS - South East	1/03/2023	31/03/2023	Daily	6.9	15.5	30.5	25.00	50.00

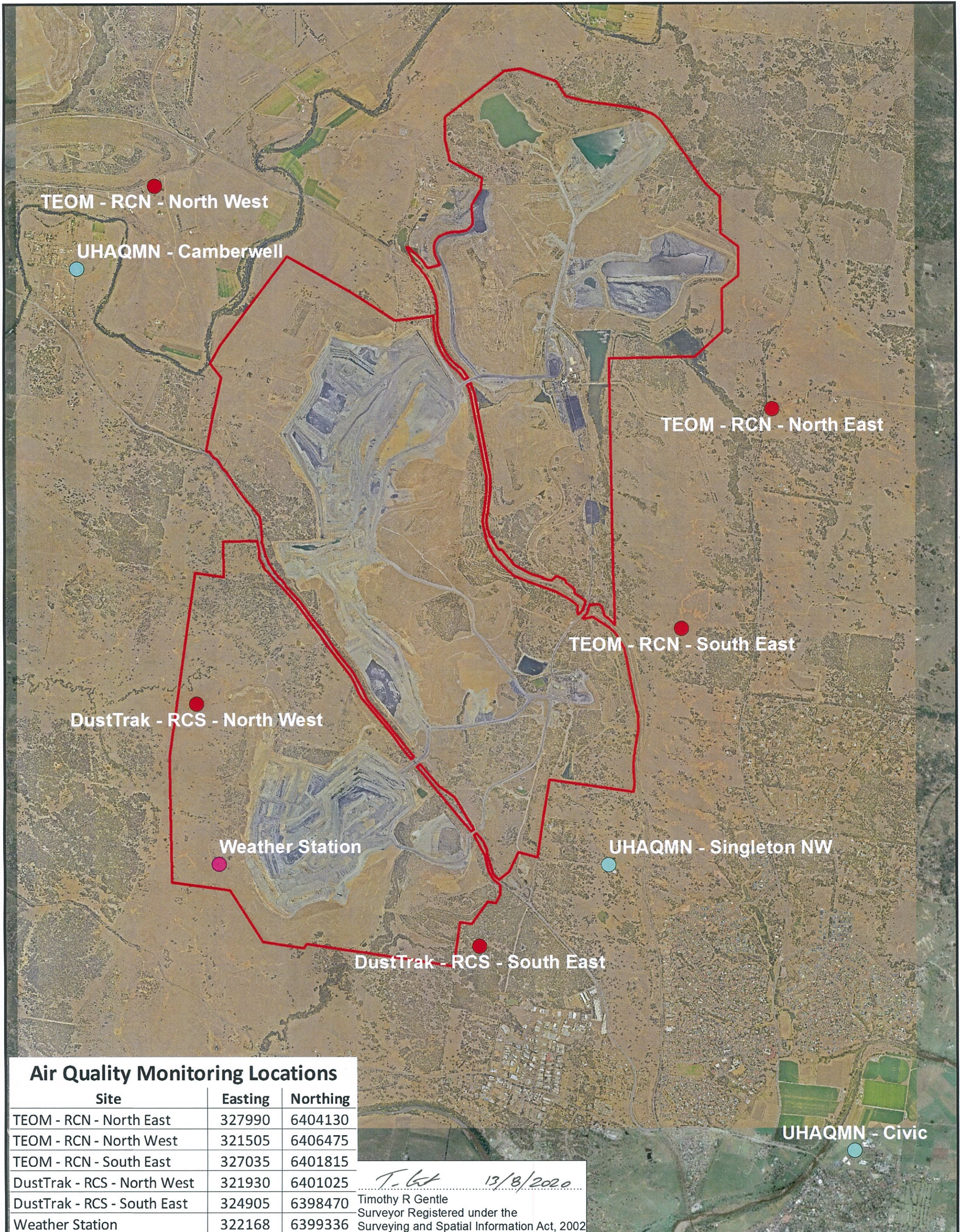
2022 RCN - North West			2022 RCN - South East			2022 RCN - North East		
Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max	Year to date min	Year to date mean	Year to date max
2.4	17.1	44.1	3.7	14.0	33.3	3.0	12.6	28.2

2022 RCS - North West (Bowmans)			2022 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
1.00	7.90	35.00	1.30	8.88	76.60

TEOM data updated 03/04/2023
 Dusttrak data updated 03/04/2023

- *UHAQMN Singleton data has been referenced for the days **18th - 28th February 2022** due to Rehab Dusttrak requiring filter change out.
- *UHAQMN Singleton data has been referenced for the days **1st March 2022** due to Rehab Dusttrak requiring filter change out.
- *UHAQMN Singleton data has been referenced for the days **18th - 21st March 2022** due to NE TEOM power switch board outage. (Fri, Sat, Sun and Monday)
- * RCS - North West Dusttrak **12th - 14th Nov 2022** offline, system rebooted 14th Nov 2022.
- * RCS - South East Dusttrak **20th - 27th Nov 2022** intermittent high readings, modem issues, firmware updated.
- * RCN - North West TEOM **26th - 29th Nov 2022** power issues due to weather activity and datalogger firmware update
- * RCS - North West Dusttrak **13th Dec 2022** system issues, monitor swapped out.





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
 Scale: 1:35,000
 Date: 13/08/2020
 File: Air monit sites EPL 2008