

IDUKKI DISTRICT SAMP REPORT JANUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

STN	SamplingD	MonitoringSt	Latitude	Longitude	Type Of	City	District	State	Monitoring	SO2 _	SO2_	SO2	SO2_	SO2_	SO2_	SO2
Code	ate	ation			Location			Name	Agency	6AM_	10AM_	_14PM_	18PM_	22PM_	2AM_	24
Station	Sampling	Name of			Area	City :	District	State	Name of	10AM	14PM	18PM	22PM	2AM	6AM	hourly
Code	date*:	station :			class :	Name	Name	agency :	4-	4-	4-Hourly	4-	4-	4-	4-	average
									Hourly	Hourly	Value of	Hourly	Hourly	Hourly	Hourly	ge
									Value	Value	of S02	Value	Value	Value	Value	
SAMP-NIL	05-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	09-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	12-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	16-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	18-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	20-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	23-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	25-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	27-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	30-01-2023	Thodupuzha	9.904221	76.71136	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0

Temperature°		Weather	NO2_	NO2_	NO2_	NO2_18	NO2_	NO2_	NO2 24	RSPM_	RSPM_	RSPM_	RSPM 24	SPM_	SPM_14	SPM_	SPM 24	PM 2.5
C			6AM_10	10AM	14PM18	PM_22P	22PM	2AM_6	hourly	6AM_14P	14PM_	22PM_6	hourly	6AM_1	PM_22P	22PM_	hourly	
Min	Max		AM	14PM	PM	M	_2AM	AM	average	M	22PM	AM	average	4PM	M	6AM	average	
			4-Hourly	4-	4-Hourly	4-Hourly	4-	4-		8-Hourly	8-	8-Hourly		8-	8-Hourly	8-		24-
			Value of	Hourly	Value of	Value of	Hourly	Hourly		Value of	Hourly	Value of		Hourly	Value of	Hourly		hourly
			N02	of N02	N02	N02	of N02	of N02		RSPM	RSPM	RSPM		of SPM	SPM	of SPM		value
24	31	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	51.20	49.40	37.95	46.18	87.32	72.62	54.66	71.53	
24	32	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	50.70	51.17	45.80	49.22	78.90	65.17	56.49	66.85	
20	34	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	39.94	62.98	53.33	52.08	74.97	90.40	81.63	82.34	17
25	31	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	50.52	68.59	41.09	53.40	87.30	105.37	76.46	89.71	26
25	31	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	41.38	47.66	42.77	43.94	63.71	68.81	65.53	66.01	28
20	32	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	51.28	53.81	36.71	47.27	75.30	93.35	68.93	79.19	30
24	32	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	41.17	57.18	41.43	46.59	80.27	109.79	70.13	86.73	19
23	32	Partly cloudy	4.5	4.5	4.5	4.5	4.5	4.5	4.5	32.97	49.69	40.38	41.01	63.40	61.62	59.71	61.58	20
23	31	Partly cloudy	4.5	4.5	4.5	4.5	4.5	4.5	4.5	51.25	67.10	54.87	57.74	78.37	80.56	66.01	74.98	24
23	31	Partly cloudy	4.5	4.5	4.5	4.5	4.5	4.5	4.5	47.93	57.20	50.93	52.02	85.24	89.13	68.93	81.10	27

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of Location	City	District	State	Monitoring Agency	SO2_6AM_10AM	SO2_10AM_14PM	SO2_14PM_18PM	SO2_18PM_22PM	SO2_22PM_2AM	SO2_2AM_6AM	SO2_24 hourly average
Station Code	Sampling date*	Name of monitoring station :			Area class :	City :	District Name	State Name	Name of monitoring agency :	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	
SAMP-NIL	05-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	09-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	12-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	16-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	18-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	20-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	23-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	25-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	27-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0
SAMP-NIL	30-01-2023	MUTTOM	9.840549	76.74777	CMRCL	TDPA	IDUKKI	KERALA	KSPCB	2	2	2	2	2	2	2.0

Temperature°C		Weather	NO2_	NO2_	NO2_	NO2_1	NO2_	NO2_	NO2_24	RSPM_	RSPM_1	RSPM_	RSPM_24	SPM_	SPM_14	SPM_	SPM_24	PM 2.5
Min	Max		6AM_10AM	10AM14PM	14PM18PM	8PM_2PM	22PM_2AM	2AM_6AM	hourly	6AM_14PM	4PM_22PM	22PM_6AM		6AM_14PM	PM_22PM	22PM_6AM	6AM	
			4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM	hourly average	8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM	24-hourly average	24-hourly value
24	31	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	44.73	44.16	40.77	43.22	84.60	67.09	76.44	76.05	22
24	32	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	51.83	52.94	44.34	49.70	84.96	74.74	71.07	76.92	20
20	34	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	58.18	62.62	43.72	54.84	83.89	91.37	64.63	79.96	21
25	31	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	54.05	60.14	44.52	52.90	91.91	83.32	66.00	80.41	19
25	31	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	43.51	52.65	40.89	45.68	73.64	83.16	56.82	71.21	21
20	32	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	44.61	46.89	47.10	46.20	82.00	86.08	67.59	78.56	23
24	32	Sunny	4.5	4.5	4.5	4.5	4.5	4.5	4.5	34.49	47.98	31.06	37.85	68.41	78.52	66.19	71.04	71
23	32	Partly cloudy	4.5	4.5	4.5	4.5	4.5	4.5	4.5	34.03	38.84	21.66	31.51	55.79	60.92	59.07	58.59	59
23	31	Partly cloudy	4.5	4.5	4.5	4.5	4.5	4.5	4.5	34.49	47.98	31.06	37.85	68.41	78.52	66.19	71.04	24
23	31	Partly cloudy	4.5	4.5	4.5	4.5	4.5	4.5	4.5	34.03	38.84	21.66	31.51	55.79	60.92	59.07	58.59	25

ERNAKULAM DISTRICT SAMP REPORT JANUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

Sampling	Monitoring	District	Latitude	Longitude	Type Of	State	Monitoring	SO2 _	SO2_	SO2	SO2_	SO2_	SO2_	SO2 24
Date	Station	Name			Location	Name	Agency	6AM_1	10AM_	_2PM_	6PM_10P	10PM_2	2AM_6	hourly
		District					Name of	4-	4-	4-	4-Hourly	4-Hourly	4-	
		Name					agency :	Hourly	Hourly	Hourly	Value of	Value of	Hourly	average
								Value	Value	Value	S02	S02	Value	
								of S02	of S02	of S02			of S02	
03-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
05-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
09-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
12-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
16-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
18-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
20-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
23-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0
27-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	5.3	2	2	2	2	2.6
30-01-2023	MUVATTUPEZHA	EKM	9.996199	76.57251	Commercial	Kerala	KSPCB	2	2	2	2	2	2	2.0

NO2_ 6AM_10A M	NO2_ 10AM_ 2PM	NO2_ 2PM_6 PM	NO2_ 6PM_1 0PM	NO2_ 10PM_ 2AM	NO2_ 2AM_ 6AM	NO2 24 hourly average	RSPM_ 6AM_2P M	RSPM_ 2PM_10 PM	RSPM_ 10PM_6 AM	RSP M 24 hourly average	SPM_ 6AM_2 PM	SPM_ 2PM_10 PM	SPM_ 10PM_6 AM	SPM 24 hourly average	PM 2.5 24 hourly average (µg/m³)	Temperature		Weather
4-Hourly Value of N02	4- Hourly Value of N02	4- Hourly Value of N02	4- Hourly Value of N02	4- Hourly Value of N02	4- Hourly Value of N02		8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM		8- Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM			Min	Max	
4.5	11.6	19.4	15.6	4.5	4.5	10.0	43	49	60	51	78	56	84	73	18	22	31	Sunny
4.5	10	15.1	9.7	4.5	4.5	8.1	54	58	50	54	79	72	59	70	22	23	31	Sunny
4.5	13.5	9.7	11.3	4.5	4.5	8.0	100	37	111	83	103	58	112	91	31	24	31	Sunny
4.5	4.5	15.4	4.5	4.5	4.5	6.3	51	72	13	45	109	79	23	70	24	21	30	Sunny
4.5	4.5	4.5	13.5	4.5	4.5	6.0	76	49	71	65	95	75	76	82	38	24	31	Sunny
4.5	12.1	21.3	17	11.1	4.5	11.8	68	80	18	55	88	93	28	70	21	23	31	Sunny
4.5	4.5	4.5	4.5	4.5	4.5	4.5	50	50	60	53	115	62	69	82	17	22	31	Sunny
4.5	4.5	10	11.6	4.5	4.5	6.6	68	47	50	55	102	61	54	72	17	24	31	Sunny
4.5	4.5	18.3	4.5	4.5	4.5	6.8	47	78	69	65	70	90	70	77	23	24	31	Sunny
4.5	4.5	4.5	4.5	4.5	4.5	4.5	90	124	19	78	102	153	36	97	35	24	31	Sunny

PALAKKAD DISTRICT SAMP REPORT JANUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

STN Code	Sampling Date	Monitoring Station	Latitude	Longitude	Type Of Location	City	District	State	Monitoring Agency	SO2_6AM_10AM_18PM_22PM_2AM_6AM	SO2_10AM_14PM_18PM_22PM_2AM_6AM	SO2_14PM_18PM_22PM_2AM_6AM	SO2_18PM_22PM_2AM_6AM	SO2_22PM_2AM_6AM	SO2_2AM_6AM	SO2 24 hourly average
Station Code	Sampling date*:	Name of monitoring station :			Area class :	City :	District Name	State Name	Name of monitoring agency :	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	4-Hourly Value of SO2	
311B	03-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	*	*	*	*	*	*	*
311B	05-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	*	*	*	*	*	*	*
311B	09-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	*	*	*	*	*	*	*
311B	12-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	*	*	*	*	*	*	*
311B	16-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	*	*	*	*	*	*	*
311B	18-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	*	*	*	*	*	*	*
311B	20-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	*	*	*	*	*	*	*
311B	23-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0
311B	27-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0
311B	30-01-2023	BEML LIMITED	10.789629	76.785743	Industry	Palakkad	Palakkad	Kerala	KSPCB	2	2	2	2	2	2	2.0

Note:- * Machine transferred for Quarry Inspection .

Temperature		NO2_6AM_10 AM	NO2_10AM14 PM	NO2_14PM18 PM	NO2_18 PM_22P M	NO2_22PM_2AM 2AM	NO2_2AM_6A M	NO2_24 hourly average	RSPM_6AM_14 PM	RSPM_4PM_22 PM	RSPM_22PM_6 AM	RSPM_24 hourly average	SPM_6AM_14PM	SPM_14PM_22P M	SPM_22PM_6 AM	SPM_24 hourly average	PM 2.5
Min	Max	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	4-Hourly Value of NO2	8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of RSPM	8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM	8-Hourly Value of SPM	24-hourly value
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
27	33	4.50	4.50	4.50	4.50	4.50	4.50	4.50	55.997	46.75	41.32	48	86	85.04	70.4	81	61.05
24	33	4.50	4.50	4.50	4.50	4.50	4.50	4.50	73.22	42.54	23.54	46	126	72.58	53.67	84	63.43
25	30	4.50	4.50	4.50	4.50	4.50	4.50	4.50	51.6	29.09	36.8	39	98	58.1	318.3	158	8.98

KANNUR DISTRICT SAMP REPORT JANUARY 2023

(All paramaters are in $\mu\text{g}/\text{m}^3$)

Sampling Date	Monitoring Station	Latitude	Longitude	Types of location	City	District	State	Monitoring agency	SO ₂							Temperature(°c)	
									6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg	Min	Max
				Class					4 hourly values of SO ₂								
03-01-2023	Kannur	11.878504	75.376382	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	2.0	2.0	2.6	2.1	22	34
05-01-2023	Kannur	11.878504	75.376382	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	2.0	2.0	2.0	2.0	22	33
23-01-2023	Kannur	11.878504	75.376382	Y	Kannur	Kannur	Kerala	KSPCB	2.4	2.3	2.0	2.0	2.0	2.0	2.1	24	33
27-01-2023	Kannur	11.878504	75.376382	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	2.0	2.0	2.0	2.0	22	33
30-01-2023	Kannur	11.878504	75.376382	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	2.0	2.0	2.8	2.1	23	33

Note : 1. SAMP Monitoring on 09/1/2023 , 12/01/2023, 16/01/2023, 18/01/2023 and 20/01/2023 could not be done due to Quarry Monitoring
 2. PM 2.5 was not working due to flow rate error on 03/01/2023 , 05/01/2023 and 30/01/2023

Weather	NOx							RSPM			RSPM 24hrs avg	SPM			SPM 24 hrs avg	PM 2.5
	6AM- 10AM	10AM- 2PM	2PM- 6PM	6PM- 10PM	10PM- 2AM	2AM- 6AM	24hrs avg	6AM- 2PM	2PM- 10PM	10PM- 6AM		6AM- 2PM	2PM- 10PM	10PM- 6AM		
	4 hourly values of NOx															
CLEAR	4.5	4.5	4.5	4.5	4.5	4.5	4.5	40.9	49.8	13.6	34.8	85.7	104.7	20.4	70.3	
CLEAR	4.5	4.5	4.5	4.5	4.5	4.5	4.5	48.1	76.3	44.6	56.3	102.3	138.2	51.6	97.4	
CLEAR	10.6	4.5	4.5	4.5	4.5	4.5	5.5	33.9	17.7	75.6	42.4	66.7	24.3	82.4	57.8	47.62
CLEAR	23.5	12.4	4.5	32.7	10.5	17.1	16.8	68.9	79.8	98.2	82.3	137.8	86.6	111.2	111.9	62.98
CLEAR	4.5	13.5	4.5	4.5	12.9	4.5	7.4	81.0	67.1	77.6	75.2	161.2	113.0	96.1	123.4	

Sampling Date	Monitoring Station	Latitude	Longitude	Types of location	City	District	State	Monitoring agency	SO ₂							Temperature	
									6AM-10AM	10AM-2PM	2PM-6PM	6PM-10PM	10PM-2AM	2AM-6AM	24hrs avg	Min	Max
									4 hourly values of SO ₂								
03-01-2023	MANGATTPARAMBA	11.986566	75.381995	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	2.0	2.0	2.0	2.0	22	34
05-01-2023	MANGATTPARAMBA	11.986566	75.381995	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	2.0	2.0	2.0	2.0	22	33
23-01-2023	MANGATTPARAMBA	11.986566	75.381995	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.3	2.0	2.9	2.0	2.2	24	33
27-01-2023	MANGATTPARAMBA	11.986566	75.381995	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	2.0	2.0	2.0	2.0	22	33
30-01-2023	MANGATTPARAMBA	11.986566	75.381995	Y	Kannur	Kannur	Kerala	KSPCB	2.0	2.0	2.0	3.1	2.0	2.0	2.2	23	33

Note : SAMP Monitoring on 09/1/2023 , 12/01/2023, 16/01/2023, 18/01/2023 and 20/01/2023 could not be done due to C

Weather	NOx							RSPM			RSPM 24hrs avg	SPM			SPM 24 hrs avg	PM 2.5	
	6AM- 10AM	10AM- 2PM	2PM- 6PM	6PM- 10PM	10PM- 2AM	2AM- 6AM	24hrs avg	6AM- 2PM	2PM- 10PM	10PM- 6AM		6AM- 2PM	2PM- 10PM	10PM- 6AM			
	4 hourly values of NOx																
CLEAR	4.5	4.5	4.5	4.5	4.5	4.5	4.5	74.8	58.3	100.5	77.8	149.3	77.0	136.1	120.8	74.35	
CLEAR	4.5	4.5	4.5	4.5	4.5	4.5	4.5	96.4	75.0	101.9	91.1	214.7	122.7	111.9	149.7	92.37	
CLEAR	4.5	10.6	12.0	4.5	4.5	4.5	6.8	74.5	91.9	68.3	78.2	101.1	105.6	99.5	102.1	54.58	
CLEAR	4.5	4.5	4.5	11.2	4.5	4.5	5.6	83.7	84.3	84.8	84.3	136.6	108.2	92.1	112.3	59.35	
CLEAR	4.5	4.5	4.5	4.5	4.5	4.5	4.5	71.3	70.5	79.9	73.9	132.0	117.9	88.8	112.9	59.39	

RSPM ($\mu\text{g}/\text{m}^3$)					TOTAL SPM ($\mu\text{g}/\text{m}^3$)				
06-14	14-22	22-06	8 hrs Max	24 hrs avg	06-14	14-22	22-06	8 hrs Max	24 hrs avg
42	32	29	42	34	85	65	55	85	69
36	21	28	36	28	69	44	55	69	56
SAMP SCHEDULE ON THESE DAYS WERE CANCELLED DUE TO QUARRY MONITORING									
34	58	36	58	43	66	104	76	104	82
31	36	30	36	32	64	74	58	74	65
26	52	32	52	37	54	92	69	92	72

RSPM ($\mu\text{g}/\text{m}^3$)					TOTAL SPM ($\mu\text{g}/\text{m}^3$)					PM2.5 ($\mu\text{g}/\text{m}^3$)
06-14	14-22	22-06	8 hrs Max	24 hrs avg	06-14	14-22	22-06	8 hrs Max	24 hrs avg	06 - 06 24HRS
31	45	27	45	34	78	85	62	85	75	36
48	38	39	48	42	95	73	75	95	81	30
SAMP SCHEDULE ON THESE DAYS WERE CANCELLED DUE TO QUARRY MONITORING										
27	49	40	49	39	62	98	77	98	79	29
43	33	30	43	36	93	68	68	93	76	32
50	44	48	50	47	103	94	99	103	99	45