JEPB Air Quality Branch Briefing
September 2026

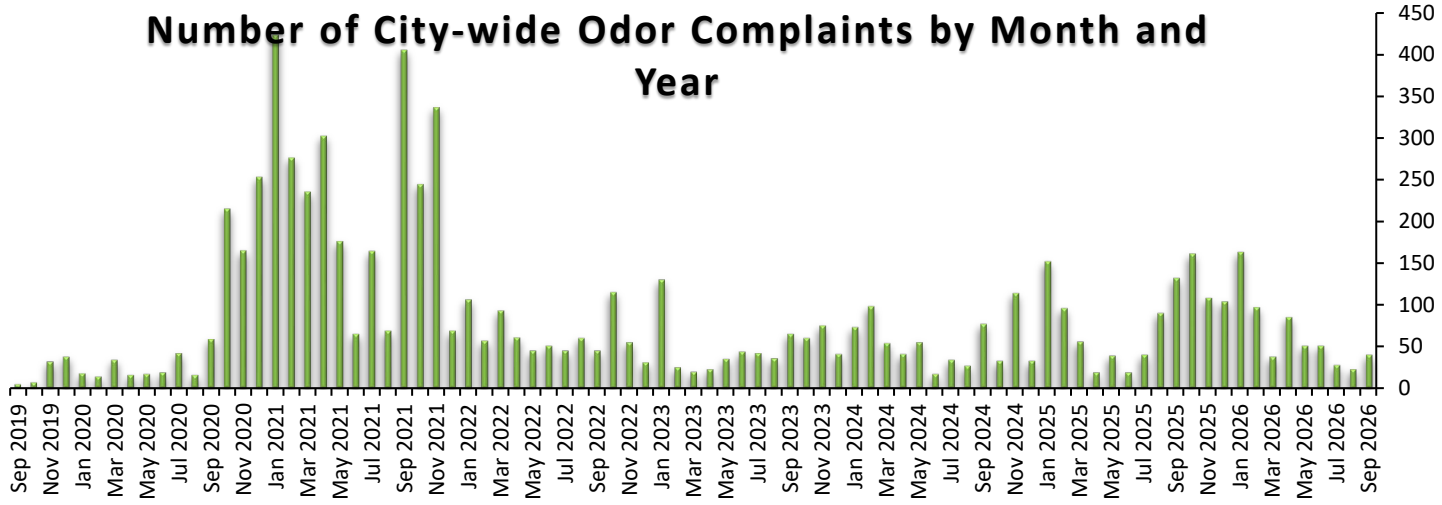
Air Committee Meeting
There was no committee meeting last month.

Personnel
The Air Quality Branch currently has the following vacancies: none.

Funding
DHS grant (BioWatch – known as MDS for COJ) – grant has been awarded for period of August 1, 2026 to July 31, 2027 in soon. COJ has contracted with Tetra Tech to perform field services. We expect to start collecting samples the end of October or beginning of November. The program is now under FEMA.

Response Group
The following are the service requests received through the MyJax system last month:
Air General complaints = 7
Noise = 49
Odor = 40, validated: 1 Atlantic Beach WTP
Open Burning Complaints = 16
Open Burning Permit Requests = 8
Open Burning Permits issued = 3

The following graph compares the number of odor complaints for each month since September 2019.



Compliance Group
Compliance inspections for last month = 7
Compliance test observations for last month = 1
Compliance test and periodic reports reviewed last month = 25
Asbestos notifications received last month = 30
Asbestos inspections for last month = 17

Ambient Air Monitoring Group
Air monitoring sites:
Mandarin: This site does not meet siting criteria due to the height of trees in the prominent wind direction. This does not invalidate data. Several trees were removed but one that was intended to be removed could not due to a boat in the

way at the adjacent boat storage yard. When one of the trees was removed it revealed trees behind it that now cause the site to not meet siting criteria. One of the trees is on private property in the boat storage yard. We are evaluating next steps.

AQI report (attached):
September air quality based on the AQI rating system was either good or moderate for the month. The highest values were 74 for Ozone and 54 for PM2.5. These values are below the unhealthy for sensitive groups value of 101.

Completeness (attached):
All ozone monitors in the COJ network reported greater than 97% for the month of September. All other monitors reported greater than the 75% requirement. Mandarin is experiencing data logger issues; PM data is being downloaded from the analyzer and manually entered. Mandarin will meet its 75% requirement once all data has been uploaded. The SO2 5-minute data at Kooker Park will be uploaded as part of the data validation process and will be consistent with previous months.

*Note: SO2 5-minute data at Kooker Park for August reported at 71.85% but expected to meet the 75% requirement for the quarter. PM2.5 data at Sunny Acres for August reported at 59.81% but expected to meet its 75% quarterly requirement as well.

Open Variances

Haskell	Variance approved March 2025 and is in place through September 2026	
FaverGray (Amb Garage)	Variance approved March 2025 and is in place through October 2026	
FaverGray (Gateway Jax N11)	Variance approved March 2025 and is in place through October 2026	
Fansler	Variance approved in January 2025 and is in place through February 2027	
FaverGray (Gateway Jax N4)	Variance approved June 2025 and is in place through July 2027	
JEA	Variance approved in January 2026 and is in place through March 2028	
Brasfield & Gorrie	Variance approved in October 2025 and is in place through November 2028	
Jacksonville Center for Endoscopy	Nighttime Dumpster Permit	expired
Residences at Barnett	Nighttime Dumpster Permit	expired

Mobile Air Monitoring Project
The main mobile air monitoring instrument, a Syft i3 mass spectrometer, was received on 9/30/2025 and installed temporarily in an office pending purchase and buildout of our GMAP van. Since the van purchase and buildout of the van will take months, we plan to operate the i3 in the office to learn the instrument, develop the analytical methods for each type of anticipated mobile survey, and develop some preliminary data. The office lab setup includes a specially engineered exhaust filter to allow exhausting the instrument indoors, 208V power to the office, purchase of nitrogen, instrument rack, tubing and fittings, analytical standards dilution system pass through exhaust. During this interim period, we will collect samples in 6-liter silica-lined canisters that we have from our past air toxics program.

Major tasks left to do to start performing mobile surveys:

- Design the mobile sample collection manifold and test in the office lab. We have a preliminary design that we will build in the lab for testing. Done.
- Have COJ Fleet purchase van – ordered. Van received and undergoing minor enhancements in Jax - done.
- Procure (bid) the buildout of the van – specification complete. Vendor selection complete (Apex Instruments). Expected completion is less than three months.
- Submit Quality Assurance Project Plan (QAPP) to EPA for approval. Approval must be received before usable data can be collected (required due to partial funding by EPA grant). We have a draft QAPP that is currently being revised.

Potential changes to project budget:

- The Syft i3 was purchased ($246,449.70 including engineered exhaust filter) using EPA grant funds. With the Syft i3 being paid out of the EPA grant, we will be re-evaluating the JEPB funding budget and likely moving funds between categories, such as shifting funds from Specialized Equipment to Part Time Salaries and Professional Services. Details will follow in subsequent status reports. Submitted a TD to transfer funds from Specialized Equipment to Salaries Part Time, which will allow Charlie Farmer (our retired Program Supervisor) to continue to work on the project for the next couple of years.
- A request was submitted to EPA to allow us to purchase some auxiliary equipment using the remaining EPA grant funds – approved.

Florida Department of Environmental Protection
AIR MONITORING VALIDATION PROGRAM

AQI Summary Report

Report Created 10/05/2026 15:38:49

Criteria

Date Range: 01/01/2026 - 12/31/2026

County: Duval Year 2026

Day	January	February	March	April	May	June	July	August	September	October
1	59 $PM_{2.5}$	35 $PM_{2.5}$	45 $PM_{2.5}$	48 $PM_{2.5}$	53 $PM_{2.5}$	42 $PM_{2.5}$	40 $PM_{2.5}$	52 $PM_{2.5}$	25 O_3	32 O_3
2	56 $PM_{2.5}$	51 $PM_{2.5}$	43 $PM_{2.5}$	40 O_3	54 $PM_{2.5}$	53 $PM_{2.5}$	43 $PM_{2.5}$	37 $PM_{2.5}$	29 $PM_{2.5}$	27 $PM_{2.5}$
3	34 O_3	75 $PM_{2.5}$	55 $PM_{2.5}$	52 $PM_{2.5}$	47 O_3	46 O_3	39 $PM_{2.5}$	39 $PM_{2.5}$	28 $PM_{2.5}$	26 $PM_{2.5}$
4	53 $PM_{2.5}$	60 $PM_{2.5}$	48 $PM_{2.5}$	42 $PM_{2.5}$	61 O_3	47 O_3	57 $PM_{2.5}$	51 $PM_{2.5}$	26 O_3	25 $PM_{2.5}$
5	61 $PM_{2.5}$	52 $PM_{2.5}$	43 $PM_{2.5}$	44 $PM_{2.5}$	71 O_3	51 O_3	53 $PM_{2.5}$	53 $PM_{2.5}$	25 O_3	14 O_3
6	57 $PM_{2.5}$	52 $PM_{2.5}$	39 $PM_{2.5}$	42 $PM_{2.5}$	51 $PM_{2.5}$	41 O_3	39 $PM_{2.5}$	36 $PM_{2.5}$	29 O_3	
7	52 $PM_{2.5}$	60 $PM_{2.5}$	35 $PM_{2.5}$	48 $PM_{2.5}$	158 $PM_{2.5}$	43 O_3	44 $PM_{2.5}$	46 $PM_{2.5}$	39 O_3	
8	52 $PM_{2.5}$	58 $PM_{2.5}$	39 $PM_{2.5}$	58 $PM_{2.5}$	70 $PM_{2.5}$	44 O_3	53 $PM_{2.5}$	32 $PM_{2.5}$	35 $PM_{2.5}$	
9	44 $PM_{2.5}$	56 $PM_{2.5}$	44 $PM_{2.5}$	58 $PM_{2.5}$	43 $PM_{2.5}$	34 $PM_{2.5}$	62 $PM_{2.5}$	38 $PM_{2.5}$	42 $PM_{2.5}$	
10	34 $PM_{2.5}$	55 $PM_{2.5}$	43 $PM_{2.5}$	46 O_3	52 $PM_{2.5}$	29 $PM_{2.5}$	62 $PM_{2.5}$	56 $PM_{2.5}$	29 $PM_{2.5}$	
11	33 $PM_{2.5}$	43 $PM_{2.5}$	47 $PM_{2.5}$	49 O_3	50 $PM_{2.5}$	44 $PM_{2.5}$	67 $PM_{2.5}$	62 $PM_{2.5}$	41 O_3	
12	33 O_3	40 $PM_{2.5}$	39 O_3	56 $PM_{2.5}$	54 $PM_{2.5}$	55 $PM_{2.5}$	56 $PM_{2.5}$	39 $PM_{2.5}$	39 $PM_{2.5}$	
13	46 $PM_{2.5}$	53 $PM_{2.5}$	46 O_3	54 O_3	35 O_3	52 $PM_{2.5}$	52 $PM_{2.5}$	46 $PM_{2.5}$	36 $PM_{2.5}$	
14	57 $PM_{2.5}$	49 $PM_{2.5}$	43 O_3	84 O_3	64 O_3	47 $PM_{2.5}$	54 $PM_{2.5}$	52 $PM_{2.5}$	54 $PM_{2.5}$	
15	34 $PM_{2.5}$	49 $PM_{2.5}$	35 $PM_{2.5}$	58 O_3	55 $PM_{2.5}$	56 $PM_{2.5}$	62 $PM_{2.5}$	46 $PM_{2.5}$	49 $PM_{2.5}$	
16	45 $PM_{2.5}$	37 O_3	33 O_3	52 $PM_{2.5}$	54 O_3	52 $PM_{2.5}$	59 $PM_{2.5}$	58 $PM_{2.5}$	42 O_3	
17	41 $PM_{2.5}$	43 O_3	39 O_3	58 O_3	48 O_3	53 $PM_{2.5}$	54 $PM_{2.5}$	68 $PM_{2.5}$	35 $PM_{2.5}$	
18	42 $PM_{2.5}$	38 O_3	45 O_3	74 O_3	51 O_3	54 $PM_{2.5}$	53 $PM_{2.5}$	57 $PM_{2.5}$	32 $PM_{2.5}$	
19	39 $PM_{2.5}$	54 $PM_{2.5}$	52 $PM_{2.5}$	53 $PM_{2.5}$	39 $PM_{2.5}$	43 $PM_{2.5}$	59 $PM_{2.5}$	87 O_3	38 $PM_{2.5}$	
20	50 $PM_{2.5}$	64 $PM_{2.5}$	55 $PM_{2.5}$	50 O_3	44 O_3	47 O_3	58 $PM_{2.5}$	61 O_3	52 $PM_{2.5}$	
21	57 $PM_{2.5}$	60 $PM_{2.5}$	67 $PM_{2.5}$	77 O_3	43 O_3	37 O_3	69 $PM_{2.5}$	45 $PM_{2.5}$	44 $PM_{2.5}$	
22	40 $PM_{2.5}$	42 O_3	58 $PM_{2.5}$	68 $PM_{2.5}$	39 $PM_{2.5}$	44 $PM_{2.5}$	58 $PM_{2.5}$	43 $PM_{2.5}$	31 O_3	
23	57 $PM_{2.5}$	36 O_3	58 $PM_{2.5}$	57 $PM_{2.5}$	41 $PM_{2.5}$	49 $PM_{2.5}$	54 $PM_{2.5}$	53 $PM_{2.5}$	33 $PM_{2.5}$	
24	61 $PM_{2.5}$	37 $PM_{2.5}$	61 $PM_{2.5}$	80 $PM_{2.5}$	40 $PM_{2.5}$	52 $PM_{2.5}$	43 $PM_{2.5}$	57 $PM_{2.5}$	38 $PM_{2.5}$	
25	53 $PM_{2.5}$	45 $PM_{2.5}$	63 $PM_{2.5}$	51 $PM_{2.5}$	44 $PM_{2.5}$	52 $PM_{2.5}$	55 $PM_{2.5}$	57 $PM_{2.5}$	38 $PM_{2.5}$	
26	36 $PM_{2.5}$	47 $PM_{2.5}$	42 $PM_{2.5}$	56 $PM_{2.5}$	56 $PM_{2.5}$	53 $PM_{2.5}$	59 $PM_{2.5}$	47 $PM_{2.5}$	46 O_3	
27	48 $PM_{2.5}$	53 $PM_{2.5}$	53 $PM_{2.5}$	49 $PM_{2.5}$	54 $PM_{2.5}$	52 $PM_{2.5}$	63 $PM_{2.5}$	36 $PM_{2.5}$	53 $PM_{2.5}$	
28	58 $PM_{2.5}$	33 O_3	58 $PM_{2.5}$	44 O_3	41 $PM_{2.5}$	58 $PM_{2.5}$	72 $PM_{2.5}$	42 $PM_{2.5}$	53 $PM_{2.5}$	
29	58 $PM_{2.5}$		53 $PM_{2.5}$	49 O_3	38 $PM_{2.5}$	59 $PM_{2.5}$	61 $PM_{2.5}$	43 $PM_{2.5}$	74 O_3	
30	60 $PM_{2.5}$		49 $PM_{2.5}$	52 $PM_{2.5}$	42 $PM_{2.5}$	52 $PM_{2.5}$	57 $PM_{2.5}$	33 O_3	51 $PM_{2.5}$	
31	63 $PM_{2.5}$		46 $PM_{2.5}$		50 $PM_{2.5}$		56 $PM_{2.5}$	31 O_3		

Note: The Air Quality Index posted for the current day uses data from midnight to the current hour only. 24 hour calculations are not included until 18 hours of the day have passed. The calculation cannot be complete until midnight.

Number of Days AQI Values	Good <=50	Moderate 51-100	Unhealthy for sensitive groups 101-150	Unhealthy 151-200	Very unhealthy 201-300	Hazardous >301
O3	45	15				
PM2.5	99	118		1		
Totals	**144**	**133**		**1**		

Number of Days with AQI Values = 278
Highest AQI Reported = 158 $PM_{2.5}$ on 5/7/2026

Florida Department of Environmental Protection
AIR MONITORING VALIDATION PROGRAM

Completeness Report

Report Created 10/05/2026 15:37:34

Criteria

Date Range: 01/01/2026 - 12/31/2026

Site	Parameter	Interval	Valid Readings	Expected Readings
L0310032	NO2	001h	5854	6664
L0310032	PM10C	001h	6559	6664
L0310032	PM25C_3	001h	6559	6664
L0310032	SO2	001h	6204	6664
L0310032	SO2	005m	61484	79964
L0310077	O3	001h	6603	6664
L0310077	PM25C	001h	6314	6664
L0310098	PM10C	001h	6134	6664
L0310098	PM25C_3	001h	6130	6664
L0310099	PM25C_3	001h	6286	6664
L0310100	O3	001h	6597	6664
L0310100	PM25C	001h	6510	6664
L0310106	O3	001h	6556	6664
L0310108	CO	001h	6474	6664
L0310108	NO2	001h	6135	6664
L0310108	PM25C_3	001h	6580	6664

Site: L0310032 Parameter: NO2 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	97.45	87.95	94.09	93.33	**27.36**	99.33	99.58	75.69	99.06	93.01	89.72	93.98	98.21	N/A	N/A	98.21	87.85
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	725	591	700	2016	197	739	717	1653	737	692	646	2075	110	0	0	110	5854

Site: L0310032 Parameter: PM10C Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	99.33	99.85	99.87	99.68	99.86	99.87	99.58	99.77	99.87	99.87	87.64	95.88	98.21	N/A	N/A	98.21	98.42
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	739	671	743	2153	719	743	717	2179	743	743	631	2117	110	0	0	110	6559

Site: L0310032 Parameter: PM25C_3 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	99.33	99.85	99.87	99.68	99.86	99.87	99.58	99.77	99.87	99.87	87.64	95.88	98.21	N/A	N/A	98.21	98.42
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	739	671	743	2153	719	743	717	2179	743	743	631	2117	110	0	0	110	6559

Site: L0310032 Parameter: SO2 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	95.03	99.55	99.60	98.01	81.94	99.60	98.89	93.54	99.60	76.75	86.39	87.59	98.21	N/A	N/A	98.21	93.10
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	707	669	741	2117	590	741	712	2043	741	571	622	1934	110	0	0	110	6204

Site: L0310032 Parameter: SO2 Interval: 005m

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	88.87	92.86	93.11	91.57	78.18	92.99	92.29	87.88	93.00	**71.85**	**0.00**	**55.55**	**0.00**	N/A	N/A	**0.00**	76.89
Readings Expected	8928	8064	8928	25920	8640	8928	8640	26208	8928	8928	8640	26496	1340	0	0	1340	79964
Readings Collected	7934	7488	8313	23735	6755	8302	7974	23031	8303	6415	0	14718	0	0	0	0	61484

Site: L0310077 Parameter: O3 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	99.06	99.26	99.46	99.26	99.44	98.39	98.89	98.90	99.60	99.73	98.06	99.14	98.21	N/A	N/A	98.21	99.08
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	737	667	740	2144	716	732	712	2160	741	742	706	2189	110	0	0	110	6603

Site: L0310077 Parameter: PM25C Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	99.06	98.96	99.06	99.03	95.00	**72.85**	98.61	88.64	98.92	99.60	90.69	96.47	97.32	N/A	N/A	97.32	94.75

Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	737	665	737	2139	684	542	710	1936	736	741	653	2130	109	0	0	109	6314

Site: L0310098 Parameter: PM10C Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	100.00	99.85	99.73	99.86	99.72	99.46	84.44	94.60	99.73	99.60	**54.58**	84.96	**31.25**	N/A	N/A	**31.25**	92.05
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	744	671	742	2157	718	740	608	2066	742	741	393	1876	35	0	0	35	6134

Site: L0310098 Parameter: PM25C_3 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	100.00	99.85	99.73	99.86	99.72	99.46	84.44	94.60	99.60	99.60	**54.58**	84.92	**28.57**	N/A	N/A	**28.57**	91.99
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	744	671	742	2157	718	740	608	2066	741	741	393	1875	32	0	0	32	6130

Site: L0310099 Parameter: PM25C_3 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	99.87	99.85	99.87	99.86	99.58	99.73	99.72	99.68	99.87	**59.81**	90.83	83.42	98.21	N/A	N/A	98.21	94.33
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	743	671	743	2157	717	742	718	2177	743	445	654	1842	110	0	0	110	6286

Site: L0310100 Parameter: O3 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	98.79	99.40	99.46	99.21	99.31	99.06	97.78	98.72	99.46	98.92	98.89	99.09	98.21	N/A	N/A	98.21	98.99
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	735	668	740	2143	715	737	704	2156	740	736	712	2188	110	0	0	110	6597

Site: L0310100 Parameter: PM25C Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	99.06	98.81	98.25	98.70	98.47	98.52	98.33	98.44	99.06	98.66	89.86	95.92	98.21	N/A	N/A	98.21	97.69
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	737	664	731	2132	709	733	708	2150	737	734	647	2118	110	0	0	110	6510

Site: L0310106 Parameter: O3 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	91.40	99.55	99.60	96.76	99.58	99.60	99.31	99.50	99.60	99.73	97.36	98.91	97.32	N/A	N/A	97.32	98.38
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	680	669	741	2090	717	741	715	2173	741	742	701	2184	109	0	0	109	6556

Site: L0310108 Parameter: CO Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	98.52	99.26	99.60	99.12	98.75	97.31	99.31	98.44	98.66	95.56	87.36	93.93	97.32	N/A	N/A	97.32	97.15
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	733	667	741	2141	711	724	715	2150	734	711	629	2074	109	0	0	109	6474

Site: L0310108 Parameter: NO2 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	90.59	98.21	83.87	90.65	97.36	96.24	99.03	97.53	99.33	77.55	86.39	87.77	97.32	N/A	N/A	97.32	92.06
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	674	660	624	1958	701	716	713	2130	739	577	622	1938	109	0	0	109	6135

Site: L0310108 Parameter: PM25C_3 Interval: 001h

	Jan	Feb	Mar	Quarter 1	Apr	May	Jun	Quarter 2	Jul	Aug	Sep	Quarter 3	Oct	Nov	Dec	Quarter 4	Year
Percentage	99.87	100.00	99.87	99.91	100.00	98.39	100.00	99.45	100.00	100.00	90.69	96.97	97.32	N/A	N/A	97.32	98.74
Readings Expected	744	672	744	2160	720	744	720	2184	744	744	720	2208	112	0	0	112	6664
Readings Collected	743	672	743	2158	720	732	720	2172	744	744	653	2141	109	0	0	109	6580