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Comprehensive Report on Environmental Monitoring and Assessment of Air Quality in the Metropolitan Area of Madrid (2023-2024)																	Report ID: ENV-MAD-2024-001				
Date	Location	Station ID	Sensor Type	Parameter	Unit	Value	Status	Notes	Remarks	Data Source				Analysis		Compliance	Remarks	Action	Status		
										Source	Method	Frequency	Accuracy	Method	Frequency						
2023-01-01	Madrid	001	PM10	PM10	µg/m³	120	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-02	Madrid	001	PM10	PM10	µg/m³	110	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-03	Madrid	001	PM10	PM10	µg/m³	100	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-04	Madrid	001	PM10	PM10	µg/m³	90	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-05	Madrid	001	PM10	PM10	µg/m³	80	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-06	Madrid	001	PM10	PM10	µg/m³	70	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-07	Madrid	001	PM10	PM10	µg/m³	60	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-08	Madrid	001	PM10	PM10	µg/m³	50	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-09	Madrid	001	PM10	PM10	µg/m³	40	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-10	Madrid	001	PM10	PM10	µg/m³	30	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-11	Madrid	001	PM10	PM10	µg/m³	20	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-12	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-13	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-14	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-15	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-16	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-17	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-18	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-19	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-20	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-21	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-22	Madrid	001	PM10	PM10	µg/m³	10	OK	High concentration in the morning	Exceeds limit	Station A	Direct	Hourly	±5%	Station B	Indirect	Hourly	±5%	Yes	Exceeds limit	Investigate	High
2023-01-23	Madrid	001																			

