STANDARD OPERATION PROCEDURES

In Use By

Polk County Air Quality Ambient Air Monitoring Personnel

For Calendar Year 2022

Revised: March 3, 2022

Signatures and Approvals

Robert Rice,
Polk County Public Works Director

Jeremy Becker,
Polk County Air Quality Manager

Jennifer Bradley,
Polk County Air Quality Assurance Manager

3/3/2022

Date

Date

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Sections	Revision	Date
1. Ozone (O ₃) 49 <i>i</i>	26	January 20, 2022
2. $NO/NO_2/NO_X$	21	January 19, 2022
3. Ozone (O ₃) 49 <i>iQ</i>	3	January 20, 2022
4. FRM PM 2.5 and PM 10 2025 <i>i</i>	8	February 1, 2022
8. Air Toxics	12	January 12, 2022
9. Met Stations	12	January 10, 2022
10. Barometer	7	February 17, 2016
11. Thermometer	8	February 17, 2021
12. FTS Flowmeter	6	January 25, 2022
13. BIOS Flowmeter	6	March 14, 2012
14. CP Digi Sense Barometer/Temperature/Humidity	1	January 24, 2022
15. Data Retrieval, Validation and Submission	11	January 25, 2022
18. AirVision	5	December 7, 2016
19. Chain of custody	7	January 25, 2022
25. Teledyne Zero Air Module Model 701	2	December 14, 2012
26. Model 146i Dynamic Gas Calibrator	10	January 19, 2022
29. BAM 1022	8	January 28, 2022

Introduction:

This document is intended to be used by Polk County Air Quality Ambient Air Monitoring personnel as a guide to procedures performed for operation of the Polk County air monitoring program. This document should be used by any and all persons who are involved in the collection of air quality data to be submitted to the Environmental Protection Agency's (EPA) database as well as to the Iowa Department of Natural Resources (IDNR). Yearly review of this document shall be performed by Polk County air monitoring personnel to ensure that procedures outlined are accurate and reflect those activities used by field personnel. After reviewing its' contents, Polk County personnel will submit a copy of this document to the IDNR in PDF format. A copy will be distributed to all Polk County personnel, as well as posted in the air monitoring lab.