

Louisiana Ambient Air Monitoring Sites

Updated February 2021

| Site Name AQS ID # | Address/ Location | Latitude/ Longitude Coordinates | Pollutant Measured | Station Type | Sampling Method | Operating Schedule | Monitoring Objective | Spatial Scale | NAAQS Comparable | MSA Represented |
|------------------------------------|-----------------------------|--|------------------------|-----------------|---|--------------------------------------|-------------------------|-------------------|---------------------|--------------------|
| Alexandria 22-079-0002 | 8105 Tom Bowman Dr | Lat = 31.177660 Long = -92.410600 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | General Background | Regional | Yes | Alexandria |
| Baker LSP 22-033-0014 | 1400 West Irene Rd | Lat = 30.593966 Long = -91.251946 | Lead | SLAMS | Gravimetric | Every 6 th day | Source Oriented | Neighbor- hood | Yes | Baton Rouge |
| Bayou Plaquemine 22-047-0009 | 65180 Bellevue Rd. | Lat = 30.221021 Long = -91.315297 | Ozone | SLAMS | U.V. Absorption | Continuous | High Concentration | Neighbor- hood | Yes | |
| | | | NOx | SLAMS | Chemilumin- escence | Continuous | High Pop. Density | | Yes | |
| | | | NOy Trace- level | SLAMS | Chemilumin- escence | Continuous | High Pop. Density | | No | |
| Capitol 22-033-0009 | 1061-A Leesville Ave. | Lat = 30.461981 Long = -91.179219 | PM2.5 | SLAMS NCORE | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every day | High Pop. Density | Neighbor- hood | Yes | Baton Rouge |
| | | | PM2.5 | SLAMS | Sequential FRM (Collocated) R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 12 th day | High Pop. Density | | Yes | |
| | | | PM2.5 | SLAMS NCORE | *Continuous BAM 1020 Meth. Code: 170 | Continuous | High Pop. Density | | Yes | |
| | | | PM10 | SLAMS | *Continuous BAM 1020 Meth. Code: 122 | Continuous | High Pop. Density | | Yes | |

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| Capitol (cont.) | 1061-A Leesville Ave. | Lat = 30.461981 Long = -91.179219 | PM2.5 | STN NCORE | Chemical Speciation SASS Teflon Gravimetric, Meth. Code 810 URG 3000N Meth. Code 839 | 24 hrs every 3 rd day | High Pop. Density | Neighbor- hood | No | Baton Rouge |
| | | | SO ₂ Trace-level | SLAMS NCORE | U.V. Fluorescence | Continuous | High Pop. Density | | Yes | |
| | | | Ozone | SLAMS NCORE | U.V. Absorption | Continuous | High Pop. Density | | Yes | |
| | | | CO Trace- level | PAMS NCORE | Nondispersive Infrared | Continuous | High Pop. Density | | No | |
| | | | NO _x | SLAMS NCORE | Chemilumin- escence | Continuous | High Pop. Density RA40 | | Yes | |
| | | | NO _y Trace- level | PAMS NCORE | Chemilumin- escence | Continuous | High Pop. Density | | No | |
| | | | VOC | PAMS SLAMS | Canisters; Trigger Canisters | 8 3-hr samples daily during ozone season and every 6 th day otherwise, also 24 hrs every 6 th day; 25 min when triggered | High Pop. Density | | No | |
| PM Coarse | SLAMS NCORE | *Continuous BAM 1020 Meth. Code: 185 | Continuous | High Pop. Density | No | | | | | |
| Carlyss 22-019-0002 | Hwy 27 & Hwy 108 | Lat= 30.140031 Long = -93.368268 | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | Neighbor- hood | Yes | Lake Charles |
| Carville 22-047-0012 | 5445 Point Clair Rd. | Lat= 30.203984 Long = -91.125925 | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | Regional | Yes | Baton Rouge |

*There are two BAM 1020 monitors at the Capitol Site (AQS # 22-033-0009), one that collects PM2.5 data and the other that collects PM10 data. The PM Coarse pollutant listed above is calculated using these two monitors.

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| Chalmette Vista 22-087- 0007 | 24 E. Chalmette Circle | Lat = 29.943164 Long = -89.976250 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 6 th day | Source Oriented | Neighborhood | Yes | New Orleans |
| | | | PM2.5 | SPMS | Continuous BAM 1020 Meth. Code: 170 | Continuous | Source Oriented | | No* | |
| | | | PM10 | SLAMS | Continuous BAM 1020 Meth. Code: 122 | Continuous | Source Oriented | | Yes | |
| | | | SO ₂ | SLAMS | U. V. Fluorescence | Continuous | Source Oriented | | Yes | |
| | | | H2S | SPMS | U.V. Fluorescence | Continuous | Source Oriented | | No | |
| Convent 22-093- 0002 | St. James Courthouse Hwy 44 @ Canatella | Lat = 29.994729 Long = -90.817308 | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | Neighborhood | Yes | New Orleans |
| Dixie 22-017- 0001 | Haygood Rd. | Lat = 32.683197 Long = -93.861382 | Ozone | SLAMS | U.V. Absorption | Continuous | High | Urban | Yes | Shreveport |
| Dutchtown 22-005- 0004 | 11153 Kling Rd. | Lat = 30.229419 Long = -90.965517 | Ozone | PAMS SLAMS | U.V. Absorption | Continuous | General Background | Neighborhood | Yes | Baton Rouge |
| | | | NOx | PAMS SLAMS | Chemilumin- escence | Continuous | General Background | | Yes | |

* PM2.5 Continuous monitor used for AQI reporting purposes only due to exclusion of the comparison of the data from PM2.5 continuous BAM monitors to the NAAQS standards granted by EPA, Region 6 in a letter dated March 27, 2014. The BAM 1020 PM2.5 at the Capitol Site (AQS#22-033-0009) is the only one comparable to the NAAQS.

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| Dutchtown (cont.) | 11153 Kling Rd. | Lat = 30.229419 Long = -90.965517 | VOC | PAMS SLAMS | Canisters; Trigger Canisters | 4 3-hr cans every 3 rd day ozone season and 8 3-hr cans every 6 th day, 24 hour canister once every 6th day otherwise 25 min when triggered | Population Oriented | Neighbor- hood | Yes | Baton Rouge |
| French Settlement 22-063-0002 | 16627 Perrilloux Ln @ Hwy 16 | Lat = 30.315175 Long = -90.811276 | NOx | SLAMS | Chemilumin- escence | Continuous | High Concentration | Neighbor- hood | Yes | Baton Rouge |
| | | | Ozone | SPMS | U.V. Absorption | Continuous | General Background | | Yes | |
| | | | | | | | High Concentration | | | |
| PM2.5 | SPMS | Continuous TEOM Series1400a Meth. Code: 715 | Continuous | Population Exposure | No* | | | | | |
| Garyville 22-095-0002 | 152 Anthony F. Monica St. | Lat = 30.057276 Long = -90.619185 | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | Regional | Yes | New Orleans |
| Geismar 22-047-0005 | Hwy 75 | Lat = 30.218867 Long = -91.062438 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 118 | 24 hrs every 3 rd day | High Pop. Density | Neighbor- hood | Yes | Baton Rouge |

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| Hammond 22-105-0001 | 21549 Old Covington Hwy | Lat = 30.503061 Long = -90.377118 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | High Pop. Density | Neighbor- hood | Yes | Hammond |
| | | | PM2.5 | SLAMS | Sequential FRM (Collocated) R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 12 th day | High Pop. Density | | Yes | |
| Houma 22-109-0001 | 4047 West Park Ave. @ Hwy 24 | Lat = 29.679051 Long = -90.779626 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | High Pop. Density | Neighbor- hood | Yes | Houma/ Thibodaux |
| Kenner 22-051-1001 | 100 West Temple Pl. | Lat = 30.040998 Long = -90.272735 | NOx | SLAMS | Chemilumin- escence | Continuous | High Pop. Density Area-wide | Urban | Yes | New Orleans |
| | | | Ozone | SLAMS | U.V. Absorption | Continuous | High Concentration | | Yes | |
| | | | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | Every 6 th day | High Pop. Density | | Yes | |
| | | | PM2.5 | SPMS | Continuous TEOM Series 1400a Meth. Code: 715 | Continuous | High Pop. Density | | No* | |
| Lafayette USGS 22-055-0007 | 700 Cajundome Blvd. | Lat = 30.225877 Long = -92.042766 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | High Pop. Density | Neighbor- hood | Yes | Lafayette |
| | | | PM10 | SLAMS | Continuous BAM 1020 Meth. Code: 122 | Continuous | High Pop. Density | | Yes | |
| | | | Ozone | SLAMS | U.V. Absorption | Continuous | High Pop. Density | | Yes | |
| | | | PM2.5 | SPMS | Continuous BAM 1020 Meth. Code: 170 | Continuous | High Pop. Density | | No* | |

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| LaPlace 22-095-0003 | 115 Garden Grove | Lat = 30.040961 Long = -90.466783 | Lead | SLAMS | Gravimetric | Every 6 th day | Source Oriented | Middle | Yes | New Orleans |
| | | | Lead | SLAMS | Gravimetric (Collocated) | Every 12 th day | | | Yes | |
| LSU 22-033-0003 | East End Aster Lane | Lat = 30.419805 Long = -91.182016 | Ozone | SLAMS | U.V. Absorption | Continuous | High Concentration | Middle | Yes | Baton Rouge |
| Madisonville 22-103-0002 | 1421 Hwy 22 West | Lat = 30.429381 Long = -90.199678 | Ozone | SLAMS | U.V. Absorption | Continuous | Source Oriented | Neighbor- hood | Yes | New Orleans |
| | | | PM2.5 | SPMS | Continuous TEOM Series1400a Meth. Code: 715 | Continuous | Source Oriented | | No* | |
| Marrero 22-051-2001 | 328 Marrero Rd. | Lat= 29.900070 Long: -90.109750 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3rd day | High Pop. Density | Neighbor- hood | Yes | New Orleans |
| Meraux 22-087-0004 | 4101 Mistrot Drive | Lat = 29.939614 Long = -89.923883 | Ozone | SPMS | U.V. Absorption | Continuous | General Background | Urban | Yes | New Orleans |
| | | | SO2 | SPMS | U.V. Fluorescence | Continuous | General Background | | Yes | |
| | | | H2S | SPMS | U.V. Fluorescence | Continuous | General Background | | No | |
| Monroe 22-073-0004 | 5296 Southwest Rd. | Lat = 32.509789 Long = -92.046050 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | Population Exposure | Neighbor- hood | Yes | Monroe |
| | | | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | | Yes | |

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| New Orleans City Park 22-071-0012 | Florida & Orleans Ave. | Lat = 29.993278 Long = -90.101464 | PM2.5 | SPMS | Continuous TEOM Series1400a Meth. Code: 715 | Continuous | High Pop. Density | Neighbor- hood | No* | New Orleans |
| | | | PM10 | SLAMS | Continuous BAM 1020 Meth. Code: 122 | Continuous | High Pop. Density | | Yes | |
| New Orleans Near-Road 22-071-0021 | I610 at West End Blvd. | Lat = 29.996013 Long = -90.118190 | NOx | SLAMS | Chemilumin- escence | Continuous | High Concentration | Micro- scale | Yes | New Orleans |
| | | | CO | SLAMS | Gas Filter Correlation | Continuous | High Concentration | | | |
| | | | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | High Concentration | | | |
| New Roads 22-077-0001 | Hwy 415 | Lat = 30.681718 Long = -91.366247 | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | Neighbor- hood | Yes | Baton Rouge |
| Norco 22-089-0006 | Field across from 35 Goodhope Road, Norco, LA | Lat= 29.997696 Long = -90.411095 | SO2 | SLAMS | U.V. Fluorescence | Continuous | Source Oriented | Neighbor- hood | Yes | New Orleans |
| Port Allen 22-121-0001 | 1005 Northwest Drive | Lat = 30.500642 Long = -91.213556 | SO2 | SLAMS | U.V. Fluorescence | Continuous | High Concentration | Neighbor- hood | Yes | Baton Rouge |
| | | | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every day | High Concentration | | Yes | |

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| Port Allen (cont.) | 1005 Northwest Drive | Lat = 30.500642 Long = -91.213556 | Ozone | SLAMS | U.V. Absorption | Continuous | High Concentration | Neighbor- hood | Yes | Baton Rouge |
| | | | NOx | SLAMS | Chemilumin- escence | Continuous | High Concentration | | Yes | |
| Pride 22-033-0013 | 11245 Port Hudson Pride Rd. | Lat = 30.700895 Long = -91.056068 | NOx | SLAMS | Chemilumin- escence | Continuous | High Concentration | Neighbor- hood | Yes | Baton Rouge |
| | | | Ozone | SLAMS | U.V. Absorption | Continuous | High Concentration | | Yes | |
| Shreveport Airport 22-015-0008 | 1425 Airport Dr. | Lat = 32.536273 Long = -93.748940 | Ozone | SLAMS | U.V. Absorption | Continuous | High Pop. Density | Neighbor- hood | Yes | Shreveport |
| | | | PM2.5 | SPMS | Continuous TEOM Series1400a Meth. Code: 715 | Continuous | Population Exposure | | No* | |
| | | | PM10 | SLAMS | Continuous BAM 1020 Meth. Code: 122 | Continuous | High Pop. Density | | Yes | |
| | | | SO2 | SLAMS | U.V. Fluorescence | Continuous | High Pop. Density | | Yes | |
| Shreveport Calumet 22-017-0008 | Midway St. | Lat = 32.471494 Long = -93.795069 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | High Pop. Density | Neighbor- hood | Yes | Shreveport |
| | | | PM2.5 | SLAMS | Sequential FRM (Collocated) R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 12 th day | High Pop. Density | | Yes | |

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| St. Martinville 22-099-0001 | 1178 W.J. Bernard Road | Lat: 30.088872 Long = -91.869595 | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | Neighbor- hood | Yes | Lafayette |
| Thibodaux 22-057-0004 | 194 Thorough- bred Park Dr. | Lat = 29.764425 Long = -90.765563 | Ozone | SLAMS | U.V. Absorption | Continuous | General Background | Neighbor- hood | Yes | Houma/ Thibodaux |
| | | | PM2.5 | SPMS | Continuous TEOM Series1400a Meth. Code: 715 | Continuous | Population Exposure | | No* | |
| Vinton 22-019-0009 | 2284 Paul Bellow Rd. | Lat = 30.227567 Long = -93.579778 | PM2.5 | SLAMS | Sequential FRM R&P Partisol Plus Model 2025 Meth. Code: 145 | 24 hrs every 3 rd day | Regional Transport | Neighbor- hood | Yes | Lake Charles |
| | | | Ozone | SPMS | U.V. Absorption | Continuous | General Background | | Yes | |
| Westlake 22-019-0008 | 2646 John Stine Rd. | Lat = 30.262347 Long = -93.284906 | SO2 | SLAMS | U.V. Fluorescence | Continuous | High Pop. Density | Neighbor- hood | Yes | Lake Charles |
| | | | NOx | SLAMS RA40 | Chemilumin- escence | Continuous | High Pop. Density RA40 | | Yes | |
| | | | PM2.5 | SPMS | Continuous TEOM Series1400a Meth. Code: 715 | Continuous | High Pop. Density | | No* | |

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