



Maricopa County
Air Quality Department

2005 Periodic Emissions Inventory
for
PM₁₀

for the

Maricopa County, Arizona, Nonattainment Area

MAY 2007

Foreword

This 2005 PM₁₀ emissions inventory will serve as the basis for the Five Percent Plan projected 2007, 2008, and 2009 PM₁₀ emissions inventories. A draft document was released for public review by the Maricopa County Air Quality Department (MCAQD) in January 2007. The present draft incorporates the comments submitted during a 30-day public comment period. Appendix 1 of this report summarizes comments received along with MCAQD's responses.

This document is also available electronically on the MCAQD website:

http://www.maricopa.gov/aq/divisions/planning_analysis/emissions_inventory/Default.aspx

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**2005 PM₁₀ Periodic Emission Inventory
for the Maricopa County, AZ Nonattainment Area**

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Table of Contents

1. Introduction.....	1
1.1 Overview.....	1
1.2 Agencies responsible for the emissions inventory.....	1
1.3 Temporal scope.....	2
1.4 Geographic scope.....	2
1.5 Overview of local demographic and land-use data.....	3
1.5.1 Demographic profile.....	3
1.5.2 Land-use data.....	3
1.6 Emissions overview by source category.....	4
1.6.1 Point sources.....	4
1.6.2 Area sources.....	5
1.6.3 Nonroad mobile sources.....	5
1.6.4 Onroad mobile sources.....	6
1.6.5 Biogenic sources.....	7
1.6.6 All sources.....	7
1.7 Response to public review of draft inventory.....	11
2. Point Sources.....	13
2.1 Introduction and scope.....	13
2.2 Identification of point sources.....	14
2.3 Procedures for estimating emissions from point sources.....	18
2.3.1 Calculation of PM _{2.5} emissions.....	18
2.3.2 Application of rule effectiveness.....	19
2.3.3 Example 1: 91st Ave. Wastewater Treatment Plant.....	20
2.3.4 Example 2: River Ranch Plant #40.....	21
2.4 Detailed overview of point source emissions.....	22
2.4.1 Point source emissions by geographic location.....	22
2.5 Emission reduction credits.....	26
2.6 Summary of point source emissions.....	27
2.7 Quality assurance / quality control procedures.....	27
2.7.1 Emission survey preparation and data collection.....	27
2.7.2 Submission processing.....	28
2.7.3 Analysis of annual point source emissions data for this inventory.....	29
2.8 References.....	29
3. Area Sources.....	31
3.1 Scope and methodology.....	31
3.2 Fuel combustion.....	32
3.2.1 Industrial natural gas.....	33

3.2.2	Industrial fuel oil.....	34
3.2.3	Commercial/institutional natural gas.....	36
3.2.4	Commercial/institutional fuel oil.....	37
3.2.5	Residential natural gas.....	39
3.2.6	Residential wood combustion.....	39
3.2.7	Residential fuel oil.....	41
3.2.8	Summary of all area-source fuel combustion.....	42
3.3	Industrial processes.....	42
3.3.1	Chemical manufacturing.....	42
3.3.2	Food and kindred products.....	44
3.3.2.1	Commercial cooking.....	44
3.3.2.2	Grain handling/processing.....	45
3.3.2.3	Ammonia cold storage.....	46
3.3.3	Secondary metal production.....	46
3.3.4	Non-metallic mineral processes.....	47
3.3.5	Mining and quarrying.....	47
3.3.6	Wood product manufacturing.....	48
3.3.7	Rubber/plastics manufacturing.....	49
3.3.8	Fabricated metal products manufacturing.....	51
3.3.9	Construction.....	52
3.3.10	Electrical equipment manufacturing.....	55
3.3.11	State-permitted portable sources.....	56
3.3.12	Paved/unpaved road travel on industrial sites.....	57
3.3.13	Industrial processes not elsewhere classified (NEC).....	57
3.3.14	Summary of all area-source industrial processes.....	58
3.4	Waste treatment and disposal.....	59
3.4.1	On-site incineration.....	59
3.4.2	Open burning.....	60
3.4.3	Landfills.....	63
3.4.4	Publicly owned treatment works (POTWs).....	63
3.4.5	Other industrial waste disposal.....	63
3.4.6	Summary of all area-source waste disposal.....	64
3.5	Miscellaneous area sources.....	64
3.5.1	Other combustion.....	64
3.5.1.1	Wildfires.....	64
3.5.1.2	Prescribed fires.....	66
3.5.1.3	Structure fires.....	67
3.5.1.4	Vehicle fires.....	68
3.5.1.5	Engine testing.....	69
3.5.2	Agricultural Activities.....	69
3.5.2.1	Tilling.....	69
3.5.2.2	Harvesting.....	75
3.5.2.3	Travel on unpaved agricultural roads.....	78
3.5.2.4	Cotton ginning.....	79
3.5.2.5	Fertilizer application.....	80
3.5.3	Livestock.....	80
3.5.4	Health services: crematories.....	81
3.5.5	Accidental releases.....	82
3.5.6	Humans.....	83

3.5.7	Leaf blower fugitive dust.....	83
3.5.8	Offroad recreation vehicles fugitive dust.....	84
3.5.9	Unpaved parking lots fugitive dust.....	86
3.5.10	Windblown dust.....	87
3.5.11	Summary of all miscellaneous area sources.....	88
3.6	Summary of all area sources.....	89
3.7	Quality assurance / quality control procedures.....	91
3.8	References.....	93
4.1	Introduction.....	97
4.2	Agricultural equipment.....	98
4.3	Airport ground support equipment.....	99
4.4	Commercial equipment.....	100
4.5	Construction and mining equipment.....	100
4.6	Industrial equipment.....	101
4.7	Lawn and garden equipment.....	102
4.8	Pleasure craft.....	102
4.9	Railway maintenance equipment.....	103
4.10	Recreational equipment.....	103
4.11	Aircraft.....	104
4.12	Locomotives.....	108
4.13	Summary of all nonroad mobile source emissions.....	110
4.14	Quality assurance procedures.....	110
4.15	References.....	110
5.	Onroad Mobile Sources.....	113
5.1	Introduction.....	113
5.2	VMT estimation.....	114
5.3	Vehicle speed.....	116
5.4	Emission factor estimation procedures.....	117
5.4.1	MOBILE6.2 emission factor model.....	117
5.4.1.1	MOBILE6.2 inputs.....	117
5.4.1.2	MOBILE6.2 outputs.....	117
5.4.1.3	Summary of MOBILE6.2 emission factors.....	118
5.4.1.4	MOBILE6.2 emission estimates.....	118
5.4.2	AP-42 emission factors for paved and unpaved roads.....	122
5.5	Summary of particulate emissions from onroad mobile sources.....	124
5.6	Quality assurance process.....	125
5.6.1	VMT estimates.....	125
5.6.2	Emission factor estimates.....	125
5.6.3	Draft particulate matter emissions inventory.....	125
5.7	References.....	126
6.	Biogenic Sources.....	127
6.1	Introduction and scope.....	127
6.2	MEGAN input files.....	127
6.3	Emission estimation.....	128
6.4	Summary of biogenic source emissions.....	129
6.5	References.....	129

List of Tables

Table 1.2–1.	Chapter authors and QA/QC contacts.....	1
Table 1.5–1.	Demographic profile of Maricopa County and the PM ₁₀ nonattainment area.....	3
Table 1.5–2.	Land-use categories used to apportion emissions.....	3
Table 1.6–1.	Summary of annual and typical daily emissions from point sources in Maricopa County.....	4
Table 1.6–2.	Summary of annual and typical daily emissions from point sources in the PM ₁₀ NAA.....	4
Table 1.6–3.	Summary of annual and typical daily emissions from area sources in Maricopa County.....	5
Table 1.6–4.	Summary of annual and typical daily emissions from area sources in the PM ₁₀ NAA.....	5
Table 1.6–5.	Annual and typical daily emissions from nonroad mobile sources in Maricopa County.....	5
Table 1.6–6.	Annual and typical daily emissions from all nonroad mobile sources in the PM ₁₀ NAA.....	6
Table 1.6–7.	Annual and typical daily emissions from all onroad mobile sources in Maricopa County.....	6
Table 1.6–8.	Annual and typical daily emissions from all onroad mobile sources in the PM ₁₀ NAA.....	6
Table 1.6–9.	Annual and season-day NO _x emissions from biogenic sources.....	7
Table 1.6–10.	Annual and typical daily emissions from all sources in Maricopa County.....	8
Table 1.6–11.	Annual and typical daily emissions from all sources in the PM ₁₀ nonattainment area.....	10
Table 2.2–1.	Name and location of all point sources.....	15
Table 2.4–1.	Annual and typical daily point source emissions, by facility.....	23
Table 2.5–1.	Emission reduction credits.....	26
Table 2.6–1.	Maricopa County annual and typical daily point source emissions, by source category.....	27
Table 2.6–2.	PM ₁₀ nonattainment area annual and typical daily point source emissions, by source category.....	27
Table 3.1–1.	List of area-source categories.....	31
Table 3.2–1.	Maricopa County natural gas sales data by supply company and end-user category.....	32
Table 3.2–2.	Emission factors and annual emissions from area-source industrial natural gas combustion, by combustion type.....	33
Table 3.2–3.	Annual and typical daily emissions from area-source industrial natural gas combustion.....	34
Table 3.2–4.	Emission factors and annual emissions from area-source industrial fuel oil combustion, by combustion type.....	35
Table 3.2–5.	Annual and typical daily emissions from area-source industrial fuel oil combustion.....	35
Table 3.2–6.	Emission factors and annual emissions from area-source commercial/institutional natural gas combustion, by combustion type.....	36
Table 3.2–7.	Annual and typical daily emissions from area-source commercial/institutional natural gas combustion.....	37
Table 3.2–8.	Emission factors and annual emissions from area-source	

	commercial/institutional fuel oil combustion, by combustion type.....	38
Table 3.2–9.	Annual and typical daily emissions from area-source commercial/institutional fuel oil combustion.	38
Table 3.2–10.	Residential natural gas combustion emission factors (in lb/MMCF).	39
Table 3.2–11.	Annual and typical daily emissions from residential natural gas combustion.	39
Table 3.2–12.	Annual wood usage, emission factors, and annual emissions from residential wood combustion.	40
Table 3.2–13.	Annual and typical daily emissions from residential wood combustion.	41
Table 3.2–14.	Annual and typical daily emissions from residential fuel oil combustion.	41
Table 3.2–15.	Annual and typical daily emissions from all area-source fuel combustion for Maricopa County.	42
Table 3.2–16.	Annual and typical daily emissions from all area-source fuel combustion for the PM ₁₀ NAA.....	42
Table 3.3–1.	NAICS codes and descriptions for chemical manufacturing.	43
Table 3.3–2.	Annual and typical daily emissions from area-source chemical manufacturing. ..	44
Table 3.3–3.	Maricopa County restaurants by type.	44
Table 3.3–4.	Annual emissions from commercial cooking equipment, by equipment type.	44
Table 3.3–5.	Typical daily emissions from commercial cooking equipment, by equipment type.....	45
Table 3.3–6.	Annual and typical daily emissions from commercial cooking equipment.	45
Table 3.3–7.	Annual and typical daily emissions from area-source grain handling and processing.	45
Table 3.3–8.	Annual and typical daily NH ₃ emissions from ammonia cold storage.	46
Table 3.3–9.	Annual and typical daily emissions from secondary metal production.	47
Table 3.3–10.	Annual and typical daily emissions from area-source non-metallic mineral products.....	47
Table 3.3–11.	Annual and typical daily emissions from area-source mining and quarrying operations.....	48
Table 3.3–12.	NAICS codes and descriptions for wood product manufacturing.	48
Table 3.3–13.	Annual and typical daily emissions from area-source wood products manufacturing.	49
Table 3.3–14.	NAICS codes and descriptions for rubber and plastic manufacturing facilities. ...	49
Table 3.3–15.	Annual and typical daily emissions from area-source rubber/plastic products manufacturing.	50
Table 3.3–16.	Annual and typical daily emissions from area-source fabricated metal product manufacturing.	52
Table 3.3–17.	2005 Maricopa County dust control permits issued, by type.....	52
Table 3.3–18.	Average project duration and emission factor, by project type.	53
Table 3.3–19.	Annual emissions from construction (tons/yr) for Maricopa County.	54
Table 3.3–20.	Annual emissions from construction (tons/yr) for the Maricopa County portion of PM ₁₀ NAA.....	54
Table 3.3–21.	Annual emissions from construction (tons/yr) for the Pinal County portion of the PM ₁₀ NAA.....	55
Table 3.3–22.	Annual and typical daily emissions from construction.	55
Table 3.3–23.	Annual and typical daily emissions from area-source electric equipment manufacturing.	55
Table 3.3–24.	Emissions from ADEQ-permitted portable sources.	57
Table 3.3–25.	Annual and typical daily emissions from paved and unpaved road travel at industrial facilities.....	57

Table 3.3–26. Annual and typical daily emissions from other industrial processes not elsewhere classified.	58
Table 3.3–27. Annual and typical daily emissions from all area-source industrial processes in Maricopa County.	58
Table 3.3–28. Annual and typical daily emissions from all area-source industrial processes in the PM ₁₀ NAA.....	59
Table 3.4–1. Annual and typical daily emissions from on-site incineration.....	60
Table 3.4–2. 2005 Maricopa County burn permit activity data.	60
Table 3.4–3. Emission and fuel loading factors for open burning.	61
Table 3.4–4. Annual emissions from open burning in Maricopa County.....	62
Table 3.4–5. Surrogate land-use classes, ratios, and annual emissions from open burning in the PM ₁₀ NAA.....	62
Table 3.4–6. Typical daily emissions from open burning.....	62
Table 3.4–7. Annual and typical daily emissions from landfills.	63
Table 3.4–8. NH ₃ emissions from publicly-owned treatment works (POTWs).....	63
Table 3.4–9. Annual and typical daily emissions from other industrial waste disposal.....	63
Table 3.4–10. Annual and typical daily emissions from all area-source waste disposal for Maricopa County.	64
Table 3.4–11. Annual and typical daily emissions from all area-source waste disposal for the PM ₁₀ NAA.	64
Table 3.5–1. Assigned NFDRS Model categories, fuel loading factors, and material burned. ...	65
Table 3.5–2. Summary of emission factors for prescribed fire (lb/ton).....	65
Table 3.5–3. Annual emissions from wildfires (tons/yr).	66
Table 3.5–4. Average daily emissions from wildfires (lbs/day).....	66
Table 3.5–5. Emission and fuel loading factors for prescribed fires.	66
Table 3.5–6. Annual and typical daily emissions from prescribed fires.....	67
Table 3.5–7. Estimated material burned, emission and fuel loading factors for structure fires.	67
Table 3.5–8. Annual and typical daily emissions from structure fires.	68
Table 3.5–9. Estimated material burned, fuel loading factors, and emission factors for vehicle fires.....	68
Table 3.5–10. Annual and typical daily emissions from vehicle fires.	69
Table 3.5–11. Annual and typical daily emissions from engine testing.	69
Table 3.5–12. 2002 Maricopa County agricultural crop acreage, activity, and uncontrolled annual PM ₁₀ emissions.....	71
Table 3.5–13. Annual controlled PM ₁₀ emissions from agricultural tillage in Maricopa County.....	72
Table 3.5–14. Annual controlled PM ₁₀ and PM _{2.5} emissions from agricultural tillage.	73
Table 3.5–15. Controlled typical daily emissions from tillage in Maricopa County.....	73
Table 3.5–16. Controlled annual and typical daily emissions from tillage within the PM ₁₀ NAA.....	74
Table 3.5–17. Maricopa County harvested acres and emission factors.	75
Table 3.5–18. Annual emissions from harvesting (tons/yr).....	77
Table 3.5–19. Typical daily emissions from harvesting (lbs/day).....	77
Table 3.5–20. Annual and typical daily emissions from travel on unpaved agricultural roads....	79
Table 3.5–21. Annual and typical daily emissions from area-source cotton ginning.....	79
Table 3.5–22. Annual and typical daily ammonia emissions from fertilizer application.	80
Table 3.5–23. Maricopa County cattle inventory and PM emission factors.....	81
Table 3.5–24. Annual and typical daily emissions from livestock.	81

Table 3.5–25. Annual and typical daily emissions from crematories.....	82
Table 3.5–26. Annual and typical daily emissions from accidental releases.....	83
Table 3.5–27. Annual and typical daily NH ₃ emissions from human activity.....	83
Table 3.5–28. Leaf blower equipment populations, activity levels and emission factors for Maricopa County.	84
Table 3.5–29. Annual and typical daily emissions from leaf blower fugitive dust.	84
Table 3.5–30. VMT for offroad recreational vehicles in Maricopa County.....	85
Table 3.5–31. Annual and typical daily emissions from offroad recreational vehicles traveling on unpaved surfaces.....	85
Table 3.5–32. Annual and typical daily emissions from vehicles traveling in unpaved parking areas.	87
Table 3.5–33. Annual and typical daily emissions from fugitive windblown dust.	87
Table 3.5–34. Annual and typical daily emissions from all miscellaneous area sources for Maricopa County.	88
Table 3.5–35. Annual and typical daily emissions from all miscellaneous area sources for the PM ₁₀ NAA.	88
Table 3.6–1. Summary of annual and typical daily emissions from all area sources in Maricopa County.	89
Table 3.6–2. Summary of annual and typical daily emissions from all area sources in the PM ₁₀ NAA.	90
Table 4.1–1. NONROAD2005 model county temperature and fuel-related inputs.....	97
Table 4.1–2. Default weekday and weekend day activity allocation fractions.....	98
Table 4.2–1. Annual emissions (in tons/yr) from agricultural equipment in Maricopa County.....	99
Table 4.2–2. Annual emissions (in tons/yr) from agricultural equipment in the PM ₁₀ NAA.....	99
Table 4.2–3. Typical daily emissions (lbs/day) from agricultural equipment in Maricopa County.....	99
Table 4.2–4. Typical daily emissions (lbs/day) from agricultural equipment in the PM ₁₀ nonattainment area.....	99
Table 4.3–1. Annual emissions (in tons/yr) from airport ground support equipment.	100
Table 4.3–2. Typical daily emissions (in lbs/day) from airport ground support equipment.....	100
Table 4.4–1. Annual emissions (in tons/yr) from commercial equipment.....	100
Table 4.4–2. Typical daily emissions (in lbs/day) from commercial equipment.....	100
Table 4.5–1. Annual emissions (in tons/yr) from construction and mining equipment.....	101
Table 4.5–2. Typical daily emissions (in lbs/day) from construction and mining equipment..	101
Table 4.6–1. Annual emissions (in tons/yr) from industrial equipment.	101
Table 4.6–2. Typical daily emissions (in lbs/day) from industrial equipment.	101
Table 4.7–1. Annual emissions (in tons/yr) from lawn and garden equipment.	102
Table 4.7–2. Typical daily emissions (in lbs/day) from lawn and garden equipment.	102
Table 4.8–1. Annual emissions (in tons/yr) from pleasure craft equipment.....	102
Table 4.8–2. Typical daily emissions (in lbs/day) from pleasure craft equipment.....	102
Table 4.9–1. Annual emissions (in tons/yr) from railway maintenance equipment.	103
Table 4.9–2. Typical daily emissions (in lbs/day) from railway maintenance equipment.	103
Table 4.10–1. Annual emissions (in tons/yr) from recreational equipment.....	103
Table 4.10–2. Typical daily emissions (in lbs/day) from recreational equipment.....	103
Table 4.11–1. NEI default emission factors for PM ₁₀ and PM _{2.5} , by aircraft category.	104
Table 4.11–2. 2005 airport activity data and emission factors.	106
Table 4.11–3. Annual and typical daily emissions, by airport and aircraft type.	107
Table 4.12–1. Emission factors for locomotives.....	108

Table 4.12–2. Fuel use and annual emissions from locomotives in Maricopa County.	109
Table 4.12–3. Annual emissions (in tons/yr) from locomotives in the PM ₁₀ NAA.	109
Table 4.12–4. Typical daily emissions (in lbs/day) from locomotives in Maricopa County.....	109
Table 4.12–5. Typical daily emissions (in lbs/day) from locomotives in the PM ₁₀ nonattainment area.	109
Table 4.13–1. Annual and typical daily emissions from nonroad mobile sources in Maricopa County.....	110
Table 4.13–2. Annual and typical daily emissions from nonroad mobile sources in the PM ₁₀ NAA.	110
Table 5.2–1. 2005 daily VMT (vehicle miles of travel) by vehicle class.	115
Table 5.2–2. 2005 VMT by silt loading category on paved roads in the PM ₁₀ modeling area.	116
Table 5.2–3. 2005 unpaved road mileages and VMT in the PM ₁₀ modeling area.	116
Table 5.2–4. VMTs for the PM ₁₀ modeling area, PM ₁₀ nonattainment area, and Maricopa County.....	116
Table 5.4–1. Emission factors by vehicle class for the PM ₁₀ nonattainment area and Maricopa County.	118
Table 5.4–2. Daily PM ₁₀ nonattainment area emissions by vehicle class (metric tons/day).	119
Table 5.4–3. Daily Maricopa County emissions by vehicle class (metric tons/day).	120
Table 5.4–4. Annual PM ₁₀ nonattainment area emissions by vehicle class (metric tons/year).....	121
Table 5.4–5. Annual Maricopa County emissions by vehicle class (metric tons/year).	122
Table 5.4–6. 2005 paved road fugitive dust emissions in the PM ₁₀ modeling area.	123
Table 5.4–7. 2005 paved road fugitive dust emissions without Serious Area PM ₁₀ Plan control measures.	123
Table 5.4–8. Estimated emission reductions attributed to measures to reduce paved road fugitive dust.	123
Table 5.4–9. 2005 fugitive dust emissions from paved roads.....	123
Table 5.4–10. Unpaved road fugitive dust emissions for the PM ₁₀ modeling area.	124
Table 5.4–11. 2005 fugitive dust emissions from unpaved roads.....	124
Table 5.5–1. Annual and average daily 2005 emissions from all onroad mobile sources for the PM ₁₀ nonattainment area.	124
Table 5.5–2. Annual and average daily 2005 emissions from all onroad mobile sources for Maricopa County.	125
Table 6.3–1. Daily NO emissions in the 8-hour ozone modeling area (Maricopa County).	129
Table 6.3–2. Daily NO emissions in the PM ₁₀ nonattainment area.	129
Table 6.4–1. Annual and typical daily NO _x biogenic emissions.	129

List of Figures

Figure 1.4–1. Map of Maricopa County and the PM ₁₀ nonattainment areas.....	2
Figure 2.7–1. Data flow for annual point source emission inventory reporting.	28
Figure 6.3–1. Boundaries of PM ₁₀ Nonattainment Area, 8-Hour Ozone Modeling Area and Maricopa County	128

Appendices

Appendix 1 Responsiveness Summary to Comments Received on Public Review Draft 2005 Periodic Emissions Inventory for PM₁₀ for the Maricopa County, Arizona, Nonattainment Area

Appendix 2.1 Instructions for Reporting 2002 Annual Air Pollution Emissions

Appendix 2.2 Rule Effectiveness Study For Maricopa County Rules 310, 310.01, and 316

Appendix 2.3 Calculating Rule Effectiveness for Controlled (Title V and non-Title V) Point Source Processes

Appendix 3.1 Calculating Rule Effectiveness for Agricultural Activities

Appendix 3.2 Development of a Fugitive Windblown PM₁₀ Dust Emission Inventory for the Phoenix PM₁₀ Nonattainment Area

Appendix 5 MOBILE6.2 Input and Output Files