

filename	einei.xls			EINEI					
date	7/5/2007								
by	Don Gabrielson, Pinal County Air Quality								
abstract	summary of 1999 NEI PM10 data for Pinal County, Arizona								
	see h:\memos\1999 NEI major PMSources memo.wpd								
	re-re-sorted by logical grouping								
	5% gradations								
source		type	class	PM10	indiv. %	group total	group %	rough %	
fugitive - unpaved roads		area	road	6515.7	28.9%				
fugitive - paved roads		area	road	2448.4	10.9%				
	ROADS	.....	.....	.....	.....	8964.1	39.7%	40.0%	
ag - tilling		area	ag	5194.3	23.0%				
ag - dust kicked up by hooves		area	ag	550.7	2.4%				
ag - crops		area	ag	133.9	0.6%				
	AGRICULTURE	.....	.....	.....	.....	5878.9	26.1%	25.0%	
road construction		area	const.	2675.8	11.9%				
residential construction		area	const.	419.2	1.9%				
industrial construction		area	const.	257.2	1.1%				
	CONSTRUCTION	.....	.....	.....	.....	3352.2	14.9%	15.0%	
wildfires		area	burning	988.7	4.4%				
prescribed burning - forest mgmnt.		area	burning	732.3	3.2%				
open burning		area	burning	467.5	2.1%				
open burning - household waste		area	burning	199.7	0.9%				
	BURNING	.....	.....	.....	.....	2388.2	10.6%	10.0%	
unpaved airstrips		area	misc.	931.3	4.1%				
	MISC	.....	.....	.....	.....	931.3	4.1%	5.0%	
railroad equipment		non-road mobile	engines	33.9	0.2%				
railroad equipment - yard		non-road mobile	engines	13.6	0.1%				
ag - tractors		non-road mobile	engines	45.6	0.2%				
highway vehicles - diesel		on-road mobile	engines	32.8	0.1%				
highway vehicles - diesel		on-road mobile	engines	20.4	0.1%				
highway vehicles - diesel		on-road mobile	engines	16.8	0.1%				
highway vehicles - diesel		on-road mobile	engines	13.3	0.1%				
highway vehicles - diesel		on-road mobile	engines	11.0	0.0%				
	VEHICLES	.....	.....	.....	.....	187.3	0.8%	0.0%	
mining & quarrying - all processes		area	mining	761.1	3.4%				
sand & gravel - crushing		point	mining	4.0	0.0%				
sand & gravel - screening		point	mining	3.7	0.0%				
sand & gravel - pile building		point	mining	1.7	0.0%				
	MINING	.....	.....	.....	.....	770.4	3.4%	5.0%	
industrial processes		area	industry	70.4	0.3%				
electrical generation - nat. gas		point	industry	13.7	0.1%				
electrical generation - oil		point	industry	6.3	0.0%				
	INDUSTRY	90.3	0.4%	0.0%	
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			Sum	22562.8	100.0%	22562.8	100.0%	100.0%	