Second Maintenance	Plan for	1987	PM10 NA40	OS Annondix B	R. Freentional	Event Exclusion	Remiests
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APPENDIX B

Exclusions Requested for Exceptional Events

Event Date	Site Name/ AQS ID	PM ₁₀ Data to Exclude (μg/m ³)	Event Description		
7/31/2023	GT/0602	184	Thunderstorm outflow boundary created high winds and lofted dust near		
	JM/0540	180	Yuma, AZ. Dust was transported across southern California and Nevada		
	RT/1501	192	with stations across the area showing significantly enhanced PM10.		
	SA/0561	209			
	WR/2003	187			
2/21/2023	GT/0602	160	Mojave dust influenced event affecting the LVV area. Wind speeds in the		
	GV/0298	185	source region and LVV were well above the 25-mph threshold. Regional and		
	JM/0540	257	upwind stations show significantly enhanced PM10. Visibility in LVV dips		
	JN/1019	172	significantly during the high wind period.		
	JO/0075	162			
	LH/0299	348			
	ME/0044	240			
	PM/0043	293			
	PV/0073	193			
	RT/1501	295			
	SA/0561	272			
	WJ/0071	236			
	WR/2003	314			
10/22/2022	GT/0602	313	Mojave dust influenced event affecting the LVV area. Wind speeds in the		
	JN/1019	225	source region were well above 25 mph. Regionally and upwind stations		
	GV/298	269	show significantly enhanced PM10.		
	JM/0540	281			
	JO/0075	230			
	LH/0299	348			
	ME/0044	326			
	PV/0073	232			
	PM/0043	281			
	RT/1501	262			
	SA/0561	270			
	WR/2003	292			
	WJ/0071	301			
	PV/0073	244			
9/9/2022	JM/0540	341	Wind-blown dust from the Sonoran Desert caused by outflow from		
	JO/0075	429	thunderstorms in northwestern Arizona late on September 8. Dust settles in		
	PV/0073	212	the LVV area early on September 9 until hurricane winds move the		
	PM/0043	160	accumulated PM10 out of the area late in the morning on September 9.		
	RT/1501	238			
	SA/0561	273			
	WR2003	471			
	WJ/0071	229			
	GV/0298	231			
9/8/2022	GT/0602	350	Wind-blown dust from the Sonoran Desert caused by outflow from		
	GV/0298	586	thunderstorms in northwestern Arizona late on September 8. Dust settles in		
	JM/0540	445	the LVV area early on September 9 until hurricane winds move the		
	JO/0075	513	accumulated PM10 out of the area late in the morning on September 9.		
	LH/0299	285	and the morning on september 7.		
	RT/0501	569			
	SA/0561	468			
	WR/2003	278			
	WJ/0071	307			
	PM/0043	234			
5/29/2022	GV/0298	183	Wind-blown dust from the Mojave moved into the LVV area late on May 28		
	JN/1019	218	and settles in the LVV area as wind speeds slow early on May 29. Wind		
	JM/0540	175	speeds in the source area were well above		
	U 1.1. U U 1 U				
	LH/0299	205	the 25-mph threshold.		
	LH/0299 WR/2003	205 179	the 25-mph threshold.		

Event Date	Site Name/ AQS ID	PM ₁₀ Data to Exclude (μg/m ³)	Event Description
5/28/2022	JN/1019	179	Wind-blown dust from the Mojave moved into the LVV area late on May 28
	JM/0540	158	and settles in the LVV area as wind speeds slow early on May 29. Wind
	LH/0299	169	speeds in the source area were well above
	WR/2003	155	the 25-mph threshold.
5/8/2022	CC/1502	200	Mojave dust influenced event affecting the LVV area. Wind speeds in the
	GV/0298	215	source region and LVV were well above the 25-mph threshold. Regionally
	JN/1019	177	and upwind stations show significantly enhanced PM10.
	JM/0540	196	
	JO/0075	188	
	LH/0299	242	
	ME/0044	258	
	PV/0073	220	
	PM/0043	229	
	RT/1501	219	
	SA/0561	219	
	VV/0024	182	
	WR/2003	249	
	WJ/0071	204	
4/11/2022	CC/1502	318	Mojave dust influenced event affecting the LVV area. Wind speeds in the
	GV/0298	340	source region and LVV were well above the 25-mph threshold. Regionally
	JN/1019	236	and upwind stations show significantly enhanced PM10.
	JM/0540	300	
	JO/0075	359	
	LH/0299	365	
	ME/0044	259	
	PV/0073	333	
	PM/0043	335	
	RT/1501	339	
	SA/0561	367	
	VV/0024	158	
	WR/2003	396	
	WJ/0071	341	
2/21/2022	GT/0602	167	Mojave dust influenced event affected the LVV area. Wind speeds in the
	GV/0298	192	source region were well above the 25-mph threshold. PM10 at stations
	JN/1019	197	upwind of LVV were significantly enhanced.
	JM/0540	199	
	LH/0299	225	
	ME/0044	158	
	SA/0561	169	
10/25/2020	JM/0540	210	Strong winds (> 25 mph) upwind and in the LVV associated with a strong
	SA/0561	163	cold front from the northwest US. Strong winds influence LVV late in the day. Regionally high PM10.
9/8/2020	PM/0043	198	High winds and wildfire. Unusual combination of exceptionally heavy
	WJ/0071	159	smoke from CA wildfires on September 7 and 8, followed by a frontal
	JO/0075	181	passage from the north with high wind speeds during the early morning
	GV/0298	209	hours of September 8. Hourly values of PM2.5 and PM10 reached high
	JM/0540	302	concentrations rarely observed in the Clark County monitoring network.
	SA/0561	222	,
	BC/0601	193	
	JN/1019	162	