

HIDDEN VALLEY PM2.5 2016 47MM FILTER Data

24 Hour Averages (ug/m³)

	Approved Data					Peliminary Data							
	January	February	March	April	May	June	July	August	September	October	November	December	
1			12.5					11.1					
2						15.5	13.9				12.8	6.9	
3		4.5		12.7	11.6				8.9				
4	BE		16.7					16.3		10.5			
5						AV	20.3				9.3	8.0	
6		3.7		12.4	AR				12.4	11.7			
7			16.3					23.4					
8						44.5	AN				10.1	AJ	
9	7.7	5.2		7.8	6.6				11.8	7.7			
10			10.7					23.5					
11						12.3	16.8				7.6	10.6	
12	7.7	10.1		3.4	19.1				14.7	19.7			
13	9.5		7.1					32.6					
14	9.5					11.6	12.5				16.0	10.2	
15		7.4		12.1	10.1				18.8	16.0			
16	17.8		10.0					10.5					
17						35.6	25.1				14.2	11.7	
18		7.3		AJ	8.2				25.4	14.7			
19	12.8		17.9					9.4					
20						25.8	23.6				13.2	6.9	
21		6.8		AG	10.5				7.9	14.7			
22	AJ		14.1					7.5					
23						32.3	12.1				9.6	7.2	
24		7.8		21.3	12.7				17.5	15.6			
25	8.1		20.5					13.8					
26						18.8	25.6				7.7	10.1	
27		14.5		13.0	16.3				11.5	16.1			
28	12.8		12.6					19.3					
29						18.4	64.6				3.2	12.4	
30				14.4	18.3				6.9	14.1			
31	8.4		6.0					14.1					
1st quarter average			10.6	2nd quarter average		16.4	3rd quarter average		17.7	4th quarter average			11.3
# of valid samples			29	# of valid samples		26	# of valid samples		30	# of valid samples			29
% of samples collected			93.55%	% of samples collected		86.67%	% of samples collected		100.00%	% of samples collected			96.67%
# of 24 hr exceedances			0	# of 24 hr exceedances		2	# of 24 hr exceedances		1	# of 24 hr exceedances			0

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Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 35.0 ug/m ³
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PCAQCD Exceptional Event	HIGH WIND EVENTS	
	HIGH WIND EVENTS - EPA CONCURRED.	### ^A

Status out of range	flow out of range for more than 1 hour	AH
	machine malfunction	AN
	Filter Damage	AJ
	Sample time out of limits	AG
	Lab Error	AR
	Filter temperature out of range	AE

General maintenance	monitor is down for general maintenance activities or	BA
	filter exchanges for more than 1 hour	BA
	Building/Site repair	BE

Power failures/Vandalism	power outage for more than 6 hours	AV
	Vandalism	AP

CAL / VER / AUDIT	monitor is down to perform monthly verification or	AT
	annual system calibrations or	AT
	QC Audit (ADEQ) for more than 1 hour	AZ

Annual Average (ug/m³) minus high wind events	14.0
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Total # of 24 hr Exceedances	3
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Maximum Reading	64.6
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