

Combination Trail Flow during the study range was 169,002 acfm to 169,255 acfm
(3 sigma =172,282 acfm)

Started reading at 15:20 cdst and ended readings at 18:00 cdst

Wind speeds ranged roughly 12mph to 20mph during the period

	top Flow (fpm)	mid Flow (fpm)	bottom Flow (fpm)	
{< measure @ <= 5 mph wind d:				
S1 Man door on 4th floor west of Control Rm.	N/A	N/A	N/A	Installing Quality door, seals and lockout procedure by 7/30/09
S2 Man door on 4th floor east of Control Rm	N/A	N/A	N/A	Interior door to enclosed conveyor area.
S3 Northwest Man door at ESP unit	N/A	N/A	N/A	Install Double door air lock by 7/30/09
S4 Southwest Man door at ESP unit	N/A	N/A	N/A	This door opening has been sealed with building side paneling.
S5 South end Man door on 4th floor	N/A	N/A	N/A	Installing Quality door, seals and lockout procedure by 7/30/09
S6 Southeast Man door 4th floor at Cooler bghse	N/A 461	N/A 388	N/A 352	Putting in a Double door air lock by 7/30/09
S7 East Man door 2nd floor at Cooler baghouse North end.	410	581	683	Has steel bulkhead-style door. Install weatherstrip, add seals and lock-out procedure by 8/30/09.
S8 Northwest Man door to mix room	284	221	215	
S9 Middle Man door to mix room 2nd floor	221	315	321	Previous surveys: low = 254, high = 772 fpm inflow
S10 Southwest Man door to RD2 North of RD5	256	272	266	Previous surveys: low = 285, high = 394 fpm inflow
S11 Upsairs Man door on Mix room northeast side	N/A	N/A	N/A	To be permanently sealed by 7/30/09
S12 Mix room Northwest side #1 man door upstairs	232	246	258	Mix room settling chamber door, N/A, previously no inflow readings (separated by siding and floor)
S13 Mix room Northwest side #2 man door upstairs	217	217	240	Mix room settling chamber door, N/A, previously no inflow readings (separated by siding and floor)
S14 Mix Room East Middle Man door upstairs	198	154	145	Mix room settling chamber door, N/A, previously survey 6/3/2008: Top 325, mid 455, bottom 419 by EPA's Scott Postma
S15 Mixing Room Northwest Man door #3 upstairs	Wind gusts prevented reading			Mix room settling chamber door, N/A, previously no inflow readings (separated by siding and floor)
S16 East mix room man door upstairs to RD-2	350	372	356	small door approximately 13ft ² 6/3/2008: Top 813, mid 722, bottom 482 by EPA's Scott Postma
S17 Southwest man door upstairs in mixing room	236	254	293	Mix room settling chamber door, N/A, previously no inflow readings (separated by siding and floor)
S18 South mix room man door upstairs	311	293	272	Mix room settling chamber door, N/A, previously no inflow readings (separated by siding and floor)
S19 Man door South of top side of 76" Rolls	595	347	374	
S20 South man door Bottom of mixing room	313	280	295	
S21 Man door east of #5 bin in mix room to Sinter Plant				Will seal with siding panel by 7/30/09
S22 Northwest man door @ bottom of mix room				Wind gust prevented reading Previous surveys: low = 240, high = 701 fpm inflow

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S23 Northeast man door @ bottom of mixing room				Wind gust prevented reading Previous surveys: low = 238, high = 585 fpm inflow
S24 Main equipment door bottom floor North end	390 388 266	417 323 293	368 272 240	Automatic Roll-up door to be installed by 7/30/09
S25 #1 west man door from North on Bottom floor	N/A	N/A	N/A	No longer there due to construction of connecting wall
S26 #3 west man door from North on Bottom floor				No longer an exterior door, wall section opened to ventilate lower level mix room to sinter plant.
S27 East man door on bottom floor @ 12 fan	429	486	380	
S28 #4 west side man door on bottom floor	N/A	N/A	N/A	Will seal with siding panel by 7/30/09
S29 Equip. doors East side Bottom floor under FE-11	474 280 382	374 628 537	551 528 465	
S30 Southeast man door @ Head of CV-37-B	719	685	656	
S31 South equipment doors @ tail of CV-23	N/A	N/A	N/A	Additional Vinyl strip curtains were installed
S32 South equipment doors under 76" rolls	N/A	N/A	N/A	Additional Vinyl strip curtains were installed
S33 Man door at top of 150 ton bin				Locked unable to test tested on 5/13
S34 SE man door at middle of CV-37-B	681 803 821	520 687 752	417 549 543	