

Table 2: Respirable Dust Calculations

Sample Number		Sample Description				Filter Mass of Respirable Dust (mg/sample)	Respirable Dust Concentration (mg/m3)	8-hr TWA (mg/m3)	Respirable Dust Concentration (mppcf)	OSHA Construction Std PEL (mppcf)	Exceeds OSHA Construction STD?
		Date	Job Description	Worker	Job Description						
B05-464	7/26/2005 AM	1	1	1	0.32	1.12	0.77	5.85	8.21		
B05-471	7/26/2005 PM	1	1	1	0.14	0.45					
B05-462	7/26/2005 AM	3	3	3	0.11	0.40	0.38	2.76	6.96		
B05-469	7/26/2005 PM	3	3	3	0.11	0.36					
B05-461	7/26/2005 AM	4	4	4	0.06	0.23	0.18	1.30	11.67		
B05-466	7/26/2005 PM	4	4	4	0.04	0.13					
B05-463	7/26/2005 AM	2	2	2	0.50	1.77	1.43	10.80	7.51	+	
B05-470	7/26/2005 PM	2	2	2	0.38	1.14					
B05-491	7/26/2005 AM	1	1	1	1.20	3.23	2.03	15.30	7.96	+	
B05-494	7/26/2005 PM	1	1	1	0.36	0.91					
B05-501	7/26/2005 AM	2	2	2	1.30	3.65	3.14	15.72	7.78	+	
B05-502	7/26/2005 PM	2	2	2	0.31	1.99					
B05-489	7/27/2005 AM	3	3	3	0.19	0.46	0.39	3.38	7.79		
B05-293	7/27/2005 PM	3	3	3	0.087	0.30				+	
B05-487	7/27/2005 AM	2	2	2	1.1	2.56	2.23	19.15	10.91	+	
B05-477	7/27/2005 PM	2	2	2	0.48	1.72	1.70	14.49	10.41	+	
B05-479	7/27/2005 AM	1	1	1	0.62	1.44					
B05-292	7/27/2005 PM	1	1	1	0.59	2.09					
B05-475	7/27/2005 AM	4	4	4	0.16	0.38	0.38	3.23	9.57		
B05-483	7/27/2005 PM	4	4	4	0.11	0.38					
B05-493	7/27/2005 AM	2	2	2	2.1	3.82	3.06	26.24	10.26	+	
B05-495	7/27/2005 PM	2	2	2	0.69	1.90					
B05-504	7/27/2005 AM	1	1	1	1.4	2.50	2.22	18.99	8.76	+	
B05-499	7/27/2005 PM	1	1	1	0.54	1.78					
B05-481	7/28/2005 AM	2	2	2	0.42	1.09	1.39	11.74	8.96	+	
B05-490	7/28/2005 PM	2	2	2	0.54	1.76					
B05-482	7/28/2005 AM	4	4	4	0.12	0.30	3.11	27.00	29.06		
B05-485	7/28/2005 PM	4	4	4	2.1	6.59					
B05-473	7/28/2005 AM	3	3	3	0.075	0.19	0.25	2.13	7.45		
B05-488	7/28/2005 PM	3	3	3	0.1	0.32					
B05-476	7/28/2005 AM	1	1	1	0.61	1.48	2.07	17.76	7.59	+	
B05-478	7/28/2005 PM	1	1	1	0.93	2.81					
B05-505	7/28/2005 AM	2	2	2	1.1	2.73	2.73	10.28	7.53	+	
B05-496	7/28/2005 PM	1	1	1	1.1	2.14	2.49	21.24	9.35	+	
B05-509	7/28/2005 AM	1	1	1	1.2	2.92					
B05-498	7/28/2005 PM	2	2	2	0.14	Excluded					

+ = Exceeded Criteria