

Table 6: Summary of Adjusted pDR Dust Concentrations for Each Cut
Payne and Dolan
October 8 and 9, 2003

Cut	Cut Time	Trucks Loaded	Average water flow rate (gallons/min)		Average water pressure (lbs per sq. inch)			Cut Speed (m/min)	Upper Conveyor (mg/m ³)	Operator (mg/m ³)	Cutter Drum (mg/m ³)		Rear Controls (mg/m ³)		Average for cut (mg/m ³)
			Cutter Drum	Upper Conveyor	Cutter Drum	Upper Conveyor	Lower Conveyor				Left	Right	Left	Right	
October 8, 2003															
1	26	9	6	4	50	38	30	7.1	3.63	0.35	0.32	1.13	2.31	1.98	1.62
2	14	5	6	4	50	30	20	7.0	5.66	0.79	0.85	2.54	5.91	4.13	3.31
3	63	26	6	4	50	40	25	14.7	5.18	0.68	0.60	1.40	2.62	1.50	1.99
4	73	35	6	4	45	35	20	9.2	7.48	0.16	0.14	0.88	0.59	1.34	1.76
5	58	21	6	4	n/a	n/a	n/a	9.5	0.47	0.44	2.00	0.39	5.19	0.39	1.48
6	35	20.5	6	4	50	35	25	13.0	0.25	0.45	0.59	0.40	1.49	0.44	0.60
7	26	7	6	4	50	40	25	n/a	0.50	0.02	0.10	0.16	0.20	0.05	0.17
8	74	39	6	4	50	35	25	11.0	3.74	0.52	0.41	1.07	1.60	0.79	1.36
October 9, 2003															
1	16	7	6	4	n/a	35	n/a	9.0	1.31	1.16	6.80	1.26	4.54	0.34	2.57
2	61	23	6	4	49	38	25	7.1	6.77	1.78	4.00	2.75	3.19	0.29	3.13
2A	35	16	9	3.7	35	28	22	7.4	0.84	2.05	9.04	2.72	6.05	1.72	3.74
3	76	35	9	3.7	35	28	22	7.1	3.91	0.95	3.72	2.19	3.81	0.36	2.49
4	30	15	9	3.7	n/a	n/a	n/a	10.4	7.43	1.14	2.40	3.87	2.51	0.92	3.04
4A	46	19	6	4	45	35	20	5.2	1.90	1.83	3.76	2.89	4.77	2.29	2.91
5	39	18	6	4	40	35	20	9.1	3.99	1.43	2.77	3.07	3.16	1.19	2.60
October 9, 2003															
Nozzle	Totals		Cut Averages					Time Weighted Averages							
UniJet® 11005	162	67	6	4	46	36	22	7.2	4.18	1.65	3.91	2.72	3.76	1.08	2.88
UniJet® 11008	141	66	9	3.7	35	28	22	7.9	3.90	1.26	4.76	2.68	4.09	0.81	2.92