

ARDMORE PARK QUARRY – MULTIQUIP QUARRIES Environmental Monitoring Program – September 2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Meteorological Monitoring – On-site Station												
Rainfall, Temperature, Wind	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1
Groundwater Monitoring Program												
Water Level Monitoring – Automatic Hard Rock Production Bore and Monitoring Bores BHAP 1, BHAP 6, BHAP 7	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1
Water Level Monitoring – Manual Hard Rock Production Bore and Monitoring Bores BHAP 5, BHAP 10	M	M	M	M	M	M	M	M	M	M	M	M
Water Level Monitoring – Automatic Sand Monitoring Bores BH 1, BH 2, BH 5, BH 7	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1
Spring Flow Monitoring – “V” Notch level Phil’s Spring	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1	C*1
Spring Flow Monitoring – “V” Notch level Southern Spring, Western Spring	M	M	M	M	M	M	M	M	M	M	M	M
Water Quality Monitoring – Automatic Hard Rock Production Bore and Monitoring Bores – Field / Laboratory BHAP 1, BHAP 6, BHAP 7	Q*5			Q*5			Q*5			Q*5		
Water Quality Monitoring – Automatic Sand Monitoring Bores – Field / Laboratory BH 1, BH 2, BH 5, BH 7	Q*5			Q*5			Q*5			Q*5		
Surface Water Quality												
Water Quality Monitoring Dam 8 and CP 3	<div>←————— During overflow periods only —————→</div>											
Air Quality – Monitoring Program												
Deposited Dust Monitoring DD 3, DD 5, DD 6, DD 9	C*2	C*2	C*2	C*2	C*2	C*2	C*2	C*2	C*2	C*2	C*2	C*2
Noise Monitoring												
Noise Measurements – Residences 6 and 9			A*3									
Traffic Noise Measurements – Residences V1 & V2	A*4											
<div>Note: *1 – Downloaded monthly (or as required) *2 – Monthly changeover of sample collection flagon *3 – Within 3 months of commencement of site activities and annually thereafter *4 – Within first month of product transportation for each of Stages 1, 2 and 3 and annually thereafter *5 – review results and any trends after initial 12 months and seek approval to reduce frequency of sampling/testing to 6 monthly thereafter if justified</div> <div>C – Continuous sampling M – Monthly collection / observation Q – Quarterly sample collection A – Annual sampling</div>												