



Permit Compliance Planner YEM: 08

Site: Pakenham

| Condition Number | REQUIRED ACTION | Frequency | April | | May | | June | | July | | Aug | | Sept | | Oct | | Nov | | Dec | | Jan | | Feb | | March | | NEXT DUE | | |
|--|--|--|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|----------|--|--|
| | | | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | Plan | Done | | | |
| Permit Name: EMP Monitoring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AIR | High Volume Dust Monitoring - PM10 | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Fail-out Dust monitoring of Dust Deposition | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Check overburden and topsoil stockpiles, ensure material is stockpiled according to Work/Development Plan. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Check all topsoil stockpiles are less than 2m and not stockpiled with other material. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect topsoil stockpiles for erosion and cover crops, if natural seeding does not work implement planting | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Monitor dust emitted from plant/ haul roads. Ensure dust emissions are minimised sprays operational, doors closed. | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect and clean all filters and sprays for fixed plant. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Monitor topsoil stockpiles, ensure stockpiles over 12months are used first. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Randomly inspect drill equipment complies with Readymix Standards. Dust extraction and collection fitted and working | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Randomly inspect all roadways and working stockpiles. Ensure stockpiles are maintained damp. | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Enforce speed restrictions on unwatered/dry roads. | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect dust extractors at pugmill and tertiary. Clean if required. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Air pollution control devices inspected/maintained (e.g silo filters) | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Check all roadways leaving the quarry re clean. If required use watercart or sweeper to clean roads. | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOISE | Noise monitoring | Fortnightly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Targetted Noise Monitoring | As reqd | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Bund Construction Noise monitoring | As reqd | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect all bunds surrounding extension area. Ensure bunds mitigate nuisance noise and dust. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Review TA2(PM1) inspections to determine if older equipment is compliant with emission standards. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Periodically review all mobile equipment for noise. Check beepers and exhausts (effective silencers may be required) | As reqd | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLASTING | Vibration and Noise Overpressure Monitoring | Each Blast | >> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Review all ground vibration and air blast results. Summarise findings, identify | Each Blast | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Review all blasting complaints, determine if extra monitor is required at problem area. | Each Blast | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SURFACE WATER | Dam 1 & 2 Sediment Checks | Fortnightly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect settlement ponds for sediment, overflow, structural stability, vegetation, algae. | After Storms | >> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Clean settlement ponds of all sediment. | 6 monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect Donnaxons Dam for quality of water, ensure pump and pipes are in good order. Re-circulate where practical. | After Storms | >> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect Donnaxons Dam, spillway and discharge drain for stability, vegetation, fencing. Implement controls if required. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Flow rate at site discharge | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Water sampling for indicators TDS, TSS, pH, Turbidity, Visual Assessment for oils and floating matter | Weekly (during discharge) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Clean all wedge-pit and drains, inspect for damage and effectiveness. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Water pollution control devices inspected/maintained (e.g oil traps) | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | G'WATER | Level Gauging | 3 monthly | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLOPE Visual Check Overburden/ crushed stockpiles, Operating Faces | | Six Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STABILITY | Visual Check Rehabilitation Areas | Annually | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Visual Check Toomuc Valley | Annually | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Visual Check Toomuc Valley closest to Blast Area | Each Blast | >> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Visual Check at 3 months Following New Plantings | after 3 months | >> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H'KEEPING | Housekeeping Checks: Truck Wheels, Spillage, Signage, Queuing | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WASTE Audit Update | Annual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WASTE | Ensure all environmental waste is removed according to EPA requirements. This includes oil, batteries, oil filters, coolant, scrap steel, asbestos, tyres. | Continuous | > | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect and maintain tripple interceptor at pugmill and workshop | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inspect waste storage area. Ensure area is clean, all liquids are contained etc. | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Rubbish, equipment, structure and waste material to be removed on a progressive basis. Periodically review | Monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Check waste contractor licences especially hazardous | As reqd | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Review licences, permits and insurances of waste disposal contractors | Annually | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Review and update waste disposal register | Annually | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | REVEG & Ensure clearing practises conform with workplan, avoid damage to surrounding vegetation | As reqd | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CLEARING | Ensure vegetation placed in stockpiles for habitat or mulched. | As reqd | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Check all overburden is stockpiled in correct areas in accordance with development plan, re-habilitate as soon as practical. | As reqd | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identify disturbed areas and re-vegetate as soon as possible. | | As reqd | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintain re-vegetated areas, replace dead plants, clear rubbish | | 6 monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identify areas of planting opportunities and implement accordingly. | | 6 monthly | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Check for weeds around quarry and surrounding paddocks. Spray as required. | twice yearly | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

