

MUD AND SLURRY PUMPING RENTAL

PT MEGAPRIMA PERSADA



PROJECT LOCATION: Coal Mining owned by PT. Mandala Karya Prima, Sesayap, North Kalimantan Province

PROBLEM: PT. Mandala Karya Prima (PT. MKP) needed to source a high flow dewatering pump to maintain the water level at the PT. MKP's sump. PT. MKP's existing pumping equipment was being fully utilised and they required further equipment to assist with the project.

SOLUTION: PT. MKP's management contacted PT. REI for assistance with their dewatering plans. The PT. REI application and engineering team conducted a survey and processed the data collected from PT. MKP's site choosing the most appropriate, effective and efficient equipment for the application.

SERVICE PROVIDED BY REI: Site and product assessment, equipment recommendation, mobilisation to site, installation, commissioning, testing and provision of a dedicated pump operator

PROJECT SCOPE:

Minimum product discharge: 250lt/second or 900m³/hour

Static head up to: 200 m

Pipe length: 950 m

Specific Gravity: 1.05

pH: 6-7

DURATION OF PROJECT: 9 months

EQUIPMENT PROVIDED: One (1) only PT. REI High Head, High Flow Heavy Duty REL-MF420EX Caterpillar C-27 ACERT Pump Unit, fitted with Stainless Components mounted on custom designed and constructed pontoon.

RESULT: Project was completed on time and budget. Client required discharge volumes were achieved, with no equipment outages.