

Washing & fines recovery

A two-page project brief separating slurry flow, dry solids and fresh make-up water.

01 Project and contact

Company / contact / email / country

Project type: new washing line / recovery retrofit / dewatering / water treatment

02 Incoming feed

Material type / source process / available sample or test report

Feed size distribution / maximum particle size (mm) / clay or contaminant description

Slurry flow (m3/h) / dry solids rate (t/h) / solids concentration and basis: mass or volume

03 Product requirements

Required sand grading / target fines cut (microns) / acceptable loss criterion

Required product moisture (%) and measurement basis / stockpile or downstream use

Washing & fines recovery

Complete known fields, mark unknown values and attach supporting files.

04 Water circuit

Available fresh make-up water (m3/h) / source / water quality analysis

Recirculated water flow (m3/h) / settling or treatment system / purge or discharge limits

Known water losses with product and waste / seasonal constraints / unknown data

05 Site and supply scope

Existing equipment / connection levels / layout / available power supply

Required scope: washer / cyclone / dewatering screen / pump / pipework / water treatment

Attachments: sieve analysis / slurry sample results / water balance / circuit sketch / site photos

06 Open points for the proposal

Expected operating hours / delivery window / questions or assumptions to confirm

Selection references

McLanahan - Sand Washing Plants (testing and process stages)

TONZO - Water requirements guide

References inform the questions only. Equipment selection, capacity and supply scope require a project-specific written proposal.