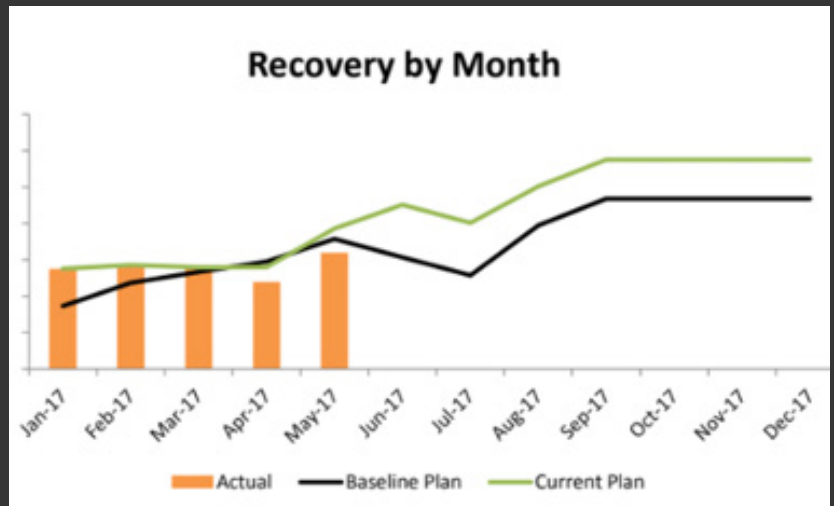


Recovery Optimization Program

Peter Lucas provided portfolio management services to identify and execute various process improvement and optimization projects.

Projects focused on improving equipment and instrumentation, re-design processing systems, upgrading equipment, reducing water consumption, and increasing overall recovery.

Peter Lucas was responsible for analyzing and prioritizing conceptual ideas, project development, and managing project efforts from concept to commissioning.



This portfolio consisted of several projects and included:

- Upgrading 3 duty/ standby pump sets to debottleneck a crystallization circuit including new sheaves, belts, motors, cables, starters, and controls.
- Upgrading product transfer line to allow rebalancing of floatation circuit capacities and settling tank underflow optimization.
- Designing and implementing live ore water reduction system.
- Installing an area flow meter to allow better tracking and accountability of water usage in the mill.

These projects resulted in a 25%+ increase in XLR production amounting to 10 tonnes/hr.

Various projects were able to be fast tracked for installation due to the high benefit payback experienced which aided in increased site recovery according to the set objectives and goals.

Build your legacy.



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