



December 30, 1993

Flowmore Services Corporation
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TO WHOM IT MAY CONCERN:

Southern Peru Copper Corporation contracted Flowmore Services Corporation in July 1993 to undertake the pigging of the main industrial-domestic water supply steel pipeline to its Toquepala Mining Unit, Tacna, Peru, South America.

The 18" steel supply line conveys water by gravity flow in two stages: a) an upper buried line starting at a concrete regulating station located at an elevation of 4,308 meters above sea level and ending at an earth-dam reservoir at 3,965 meters elevation, the route has five inverted siphons - operating at high dynamic pressures - at dry creek crossings; this section includes a lower, short portion of 24" pipe; and b) a lower buried line from the reservoir regulating structure to the energy dissipator box at the Copper Concentrator water tanks, elevation 3,205 meters, the route has four inverted siphons - operating at high dynamic pressures - at dry creek crossings and at the Mine shops crossing, this section includes a lower, short portion of twin 12" lines.

The mainline had been in continuous operation for 33 years and iron oxides tuberculation build-up had significantly reduced its original conveyance capacity. By 1992 additional water supply volume was necessary for ongoing mineral projects and for plant expansion programs. Southern Peru estimated that the additional supply might be obtained by cleaning the existing mainline. The alternative would be an expensive pipeline addition.

The main problem faced in attempting to clean the line was that the job had to be done without curtailment of water supply to the Concentrator tanks - a four hour interruption was the maximum allowable and it required 24 hours flow to build back adequate supply at the tanks. In addition, because of high static pressures at some of the inverted syphons, Southern Peru recommended that the lower line be sectioned for the pigging job, in order to provide a safety time margin for pipe repairs during the job.

Cleaning of a secondary 30 year-old 10", 12", 14" hybrid gravity line from Quebrada Seca intake to Pampa de Vaca reservoir was also commissioned.

After a site inspection visit by Flowmore, Southern Peru prepared and installed all the retrieval, launching and blank spool pipe structures required as per Flowmore's drawings and specifications. Flowmore's 4-man team arrived at the site on September 26 and completed the job in October 15th. A total of 11.94 miles of mainline were cleaned as well as 3.39 miles of secondary pipe, all located in a high relief, rough mountain terrain.

Flowmore's team performed a thoroughly satisfactory and highly profesional job and completed all the objectives sought. The mainline conveyance capacity was increased 25%, from 8,700 gpm to 10,900 gpm; a similar increase was achieved in the 10-12-14 line. The increase is sufficient for Southern Peru projects.

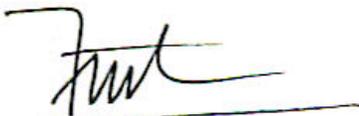
There was no curtailment of water to the Concentrator or townsites during the pigging job. Furthermore, the team successfully solved the difficult problem of launching pigs directly at the two regulating stations in order to clean the cast iron syphon feed pipe embedded in concrete. This had to be done by removing a large steel cylindrical float valve and maneuvering from the top edge of a narrow 28 foot deep concrete feed tank structure in order to place the pig inside the vertical pipe intake located at the bottom of the tank.

Our attending crews received on-the-job training from Flowmore's team and the contractor provided specific recommendations for yearly line maintenance to be done with SPCC staff. Southern Peru Copper Corporation is very pleased with the job performed by Flowmore at Toquepala and will certainly bring them in for similar jobs at its other installations.

We highly recommend Flowmore for their expertise, the care, interest and professional manner in which they handled our cleaning job and the excellent results they achieved. It was a pleasure to work with Flowmore.

Very truly yours,

Natural Resources Division
SOUTHERN PERU COPPER CORPORATION



Frank B. Stevenson
General Superintendent