

Installer: Ram Jack Southeast • 866 735-3085



**Situation:**

Rayonier Advanced Materials contacted Ram Jack Southeast early in the month of July 2016. Their cellulose paper mill was in need of a specialized deep foundation system intended to repair and stabilize a large equipment pedestal in the interior of the plant. Rayonier had previously employed Ram Jack for similar remediation in a separate area of the plant and was familiar and comfortable with their capabilities. The crew would also need to have advanced safety qualifications to enter the plant area. The damage was externally visible and the loads requirements were clearly defined. A Ram Jack Consultant was granted site access to verify the reported damage and assess the work space requirements.



**STRENGTH and STABILITY**

866 735-3085 • Toll Free

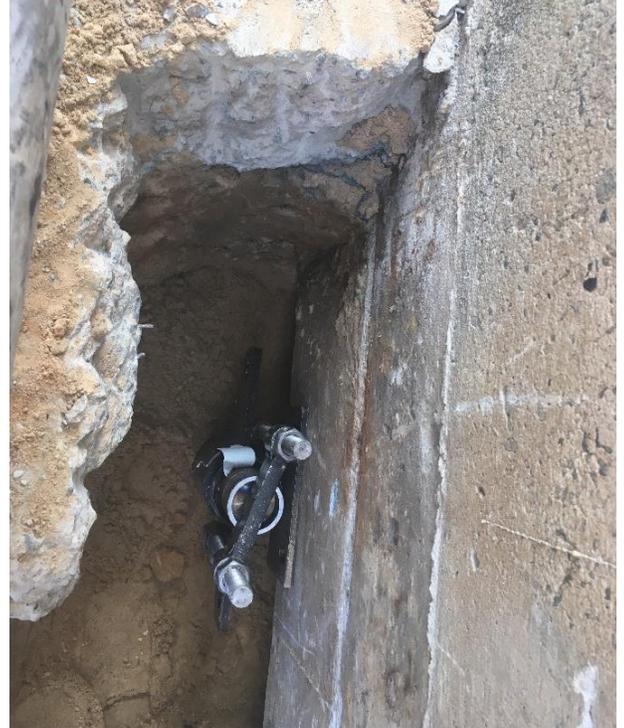
[www.RAMJACKSE.com](http://www.RAMJACKSE.com) • Web



**RAMJACK**

**Installer: Ram Jack Southeast • 866 735-3085****Solution:**

The Ram Jack Consultant worked closely with the engineers and job owners to create a remediation plan including nine 2 7/8" helical piles utilizing standard Ram Jack Side Load Footer Brackets. All piles would be configured with a two-flight 10"/12" helices' arrangement on 5' pile shafts. Installation depth was projected to be approximately 10' below grade to achieve a final torque of 4,500 lb/ft and an ultimate capacity of 40 kips. Space constraints of the working location would allow use of a mini-excavator for several locations and use of a portable torque motor and reaction bar for the remaining pile locations. The piling plan was accepted by the job owner and work was scheduled to begin as soon as possible.

**Conclusion:**

Ram Jack Installation Technicians arrived on site early in the morning of July 21, 2016. Following an internal safety briefing work progressed quickly. Installation constraints and embedment depths were observed exactly as projected. The installation of all nine helical piles was completed on-schedule and work concluded July 22, 2016. The equipment and plant were returned to operational status the same day.

**STRENGTH and STABILITY****866 735-3085 • Toll Free****www.RAMJACKSE.com • Web****RAMJACK**