

CASE
STUDY
5

**BORON
LITHIUM
ARSENIC
MANGANESE
SELENIUM**
RO

COAL ASH SUPPORT - TN

A recent project focused on the removal of Boron, Lithium, Arsenic, Manganese And Selenium from a water supply. For all contaminants, and specifically for Boron, AMFS was the only provider to meet all of the client's requirements.



Contaminant	Initial (ppb)	Target (ppb)	Permeate (ppb)
Boron	16,500	3.000	2,740
Arsenic	189	7.5	4.5
Lithium	90.6	30	10.5
Manganese	1,440	93	54
Selenium	317	21.8	9.17

Water Sources: Groundwater and Pore Water

The full, confidential report is available upon request.
In addition, the AMFS system was not hindered by the extremely difficult challenge of removing Boron, Lithium and Arsenic without chemical injection, pH adjustment or ion exchange.