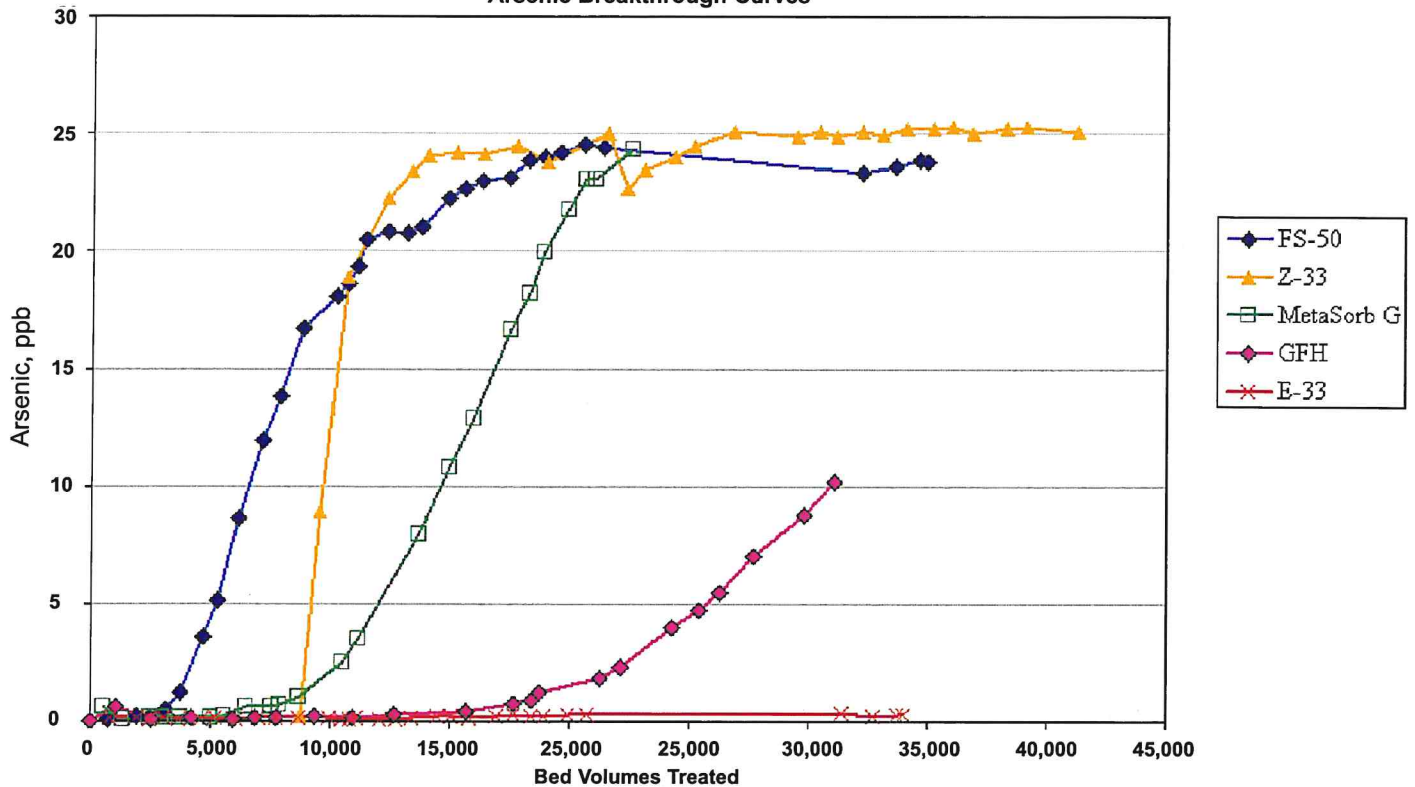


RSSCT Bench Testing
 Arsenic Breakthrough Curves



Product Quality :

Bayoxide E33 granules are more commercially proven than less prone to compaction in an adsorber.

Bayoxide E33 is a crystalline form of iron oxide. The crystalline product has more consistency in terms of adsorption capacity and shelf life.

Bayoxide E33 is a robust granular material and successfully deployed commercially since 1999.

Bayoxide E33 is produced, shipped and loaded as a dry product.

<ul style="list-style-type: none"> ✓ Removal of up to 99% of total Arsenic in water, including As (III) & As (V) with no wasting of water. 	<ul style="list-style-type: none"> ✓ NSF 61 product listing (see AdEdge for listing site/product details) ✓ Effective over broad water chemistry.
<ul style="list-style-type: none"> ✓ Spent media discarded as non-hazardous household waste. 	<ul style="list-style-type: none"> ✓ Simple application for whole house POE applications for arsenic removal.
<ul style="list-style-type: none"> ✓ Reliable performance, low maintenance ✓ Adaptable add-on to water softening or other existing equipment. 	<ul style="list-style-type: none"> ✓ 2 - 2.5 times lighter than other iron-based media; easily backwashable; arsenic not released or discharged in backwash water.
<ul style="list-style-type: none"> ✓ Effective for reducing lead, chromium, cadmium, molybdenum and antimony. 	<ul style="list-style-type: none"> ✓ Imparts no harmful chemicals into the treated product water. ✓ No salt, chemicals or regeneration needed



Physical Properties	AD33 Media
Matrix	Iron Oxide Composite
Physical Form	Dry granular media
Color	Amber
Particle Size Distribution	10x35 mesh
Moisture Content	< 15% by wt.
Packaged	Dry