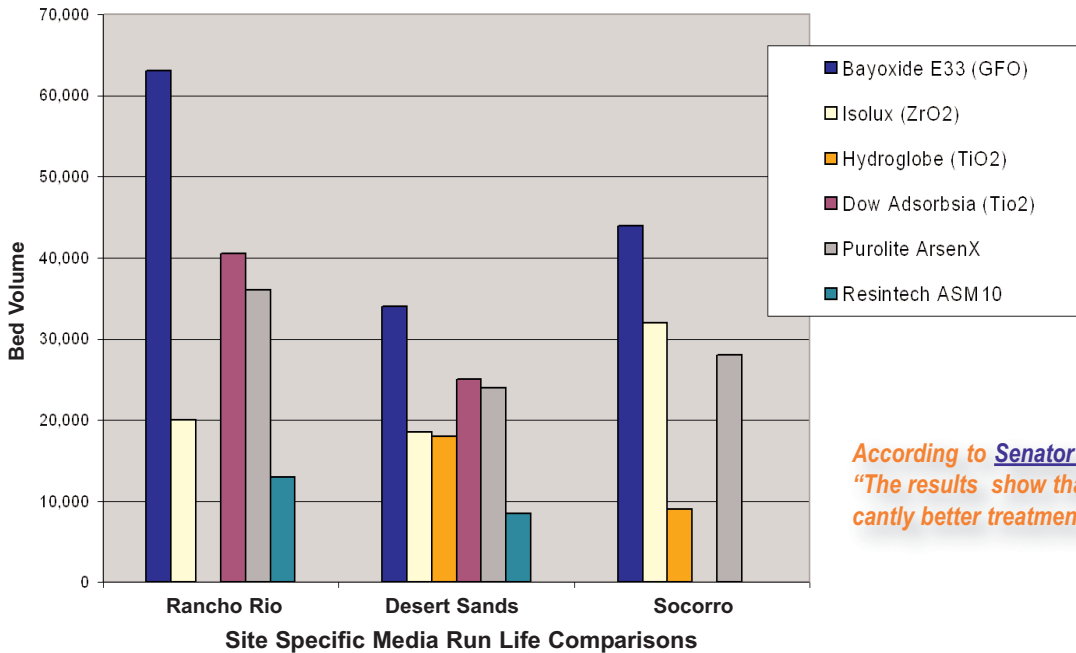




AdEdge Bayoxide® E33 Media

Bayoxide® E33 Performance Results-Verified Through Third Party Testing.

Sandia National Labs Pilot Testing
Media Comparisons

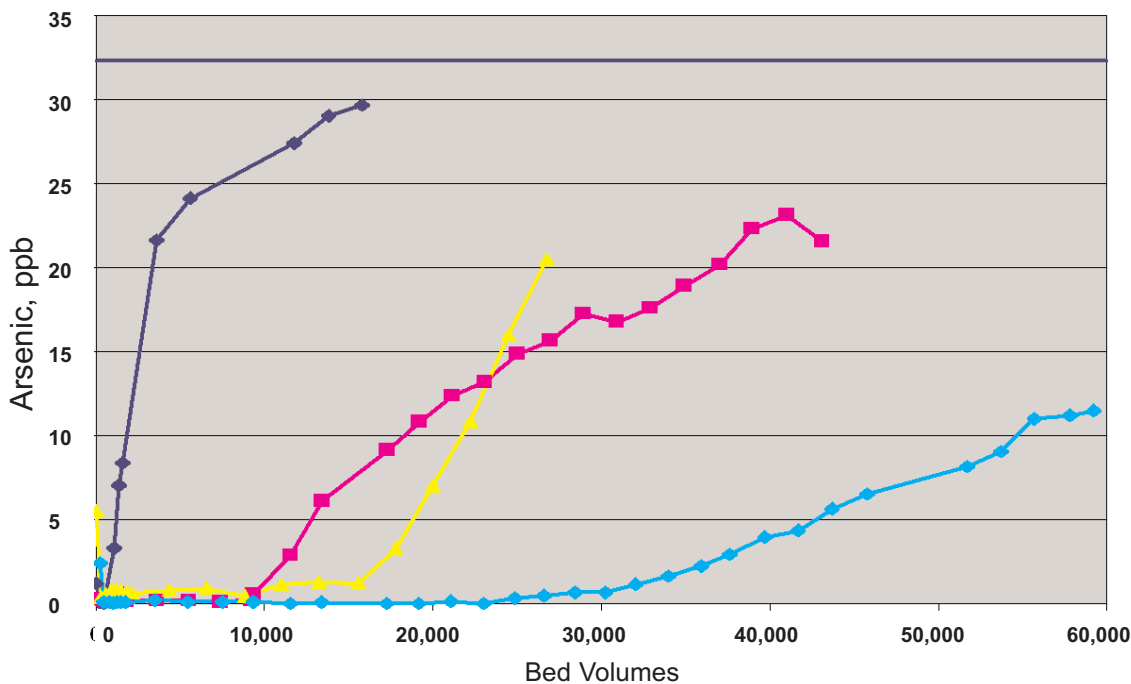


SANDIA National Laboratories
Pilot Testing

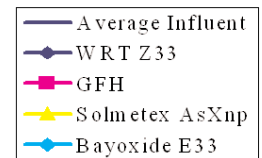
Rancho Rio, NM
Desert Sands, NM
Socorro, NM

According to Senator Pete Domenici of New Mexico,
"The results show that one material provides significantly better treatment than the others"

Bed Volume vs. Arsenic



Damon S. Williams
Associates Engineering,
Mesa, Arizona:

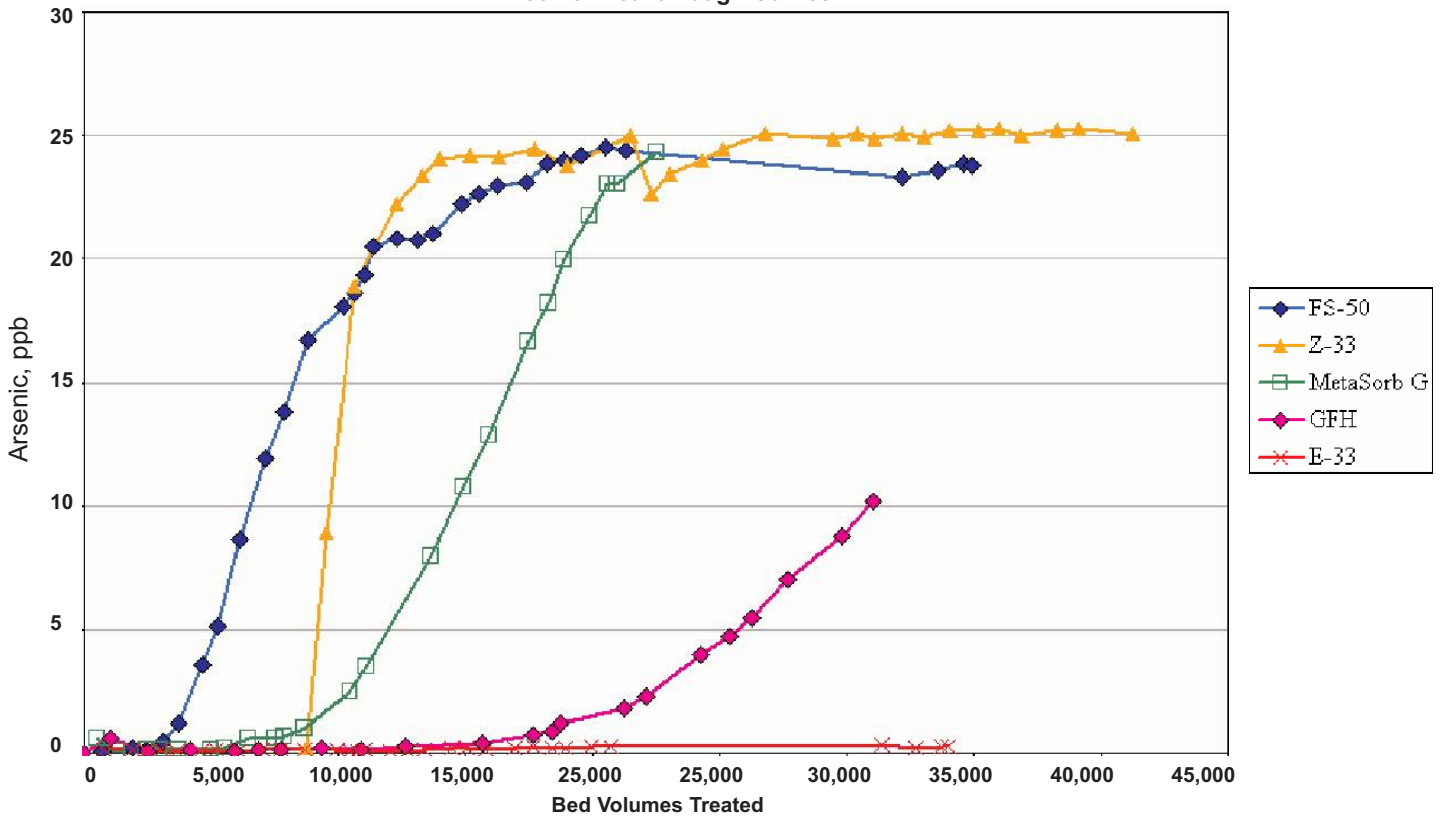


Bench and Pilot
Test Experience

Arizona State University

Arsenic Media Testing Study

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



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