

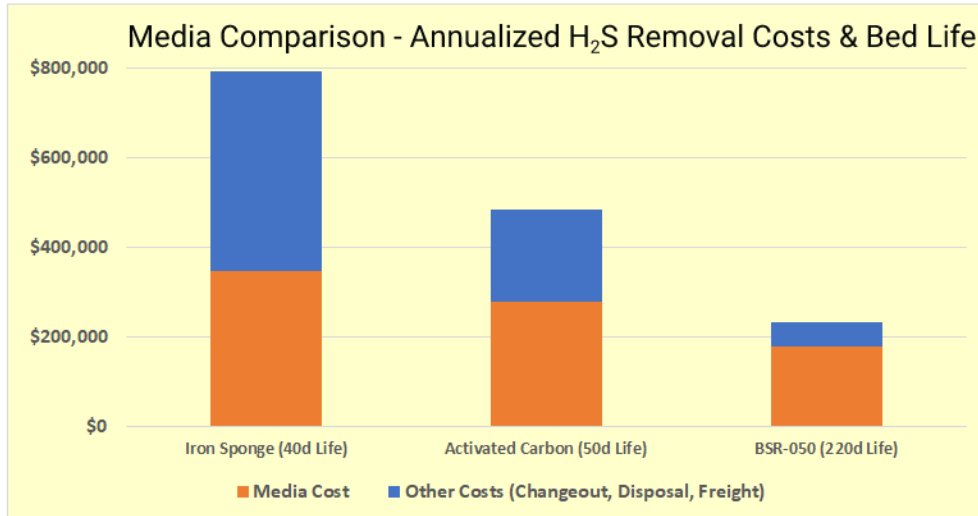
BSR-050 Hydrogen Sulfide Removal Media

The lowest overall cost dry media for the treatment of landfill gas

BSR-050® from Guild Associates is a high-capacity granular media for the removal of hydrogen sulfide from landfill gas. Engineered for direct replacement of Iron Sponge and Activated Carbon in systems with lead-lag vessel configuration, BSR-050 is field-proven to treat landfill gas for power generation or Renewable Natural Gas (RNG).

INDUSTRY LEADING PERFORMANCE

- Highest H₂S removal capacity in the industry
 - Up to 1.4 lb/lb media, equivalent to 36 lb/cuft
 - Delivers longest bed life of any granular media
- Non-bricking formulation
 - Minimizes downtime and labor in media changeouts
- Lowest total cost of H₂S removal.
 - See Media Comparison below



CASE STUDY

A landfill in Houston, Texas, producing RNG employs a lead-lag system to remove 800-1,000 ppm H₂S from landfill gas. The landfill replaced 110,000 lbs of Iron Sponge with 33,000 lbs of BSR-050 and increased the gas flow from 5,600 to 6,500 scfm by treating gas from high-sulfur cells that were previously flared. The changeout interval lengthened from 3 to 15 weeks, operational expenses dropped by 80% and revenue increased.

BSR-050 is available in 1,000-lb Super Sacks for installation by crane into vessels. Removal can typically be accomplished by vacuum truck with no risk of additional labor to remove agglomerated pieces. Contact Guild Associates for an assessment of your application and potential for BSR-050 to minimize your H₂S removal costs:



About Guild Associates

Guild Associates is a manufacturer of biogas processing equipment and BSR-050 Hydrogen Sulfide Removal Media. Guild Associates manufactures the patented BSR-050 media at a facility in Delaware OH.

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