

Secondary Processors and Landfills – Partnerships that Work

Prepared for Casthouse Technology Seminar, Richards Bay, 2013

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Abstract

Using Best Available Technology is a phase that we often hear when there are environmental discussions on aluminum dross and secondary salt slag processing. The reality is best available technology is a mix between efficient removal of the valuable aluminum, oxides, misc metals and flux from dross and salt cake. This combined with conscientious land fill disposal of those items that finally, at this time, have no economic use is the reality of a company's best available actions. Recycling Processes must be looked at with both the economic and environmental benefits weighed for their responsible implementation. This paper will discuss how this is done on a practical basis by Recycling Ventures (a secondary processor) and Environmental Waste Solutions (a Title II landfill), for the aluminum industry.

Outline:

- I. EWS Story (1 slide)
- II. Definition of Title II landfill. BAT (1 slide)

Couple of Photo's of land fill with trucks and modern monitoring equipment.
Caped Cell (3 slides)
- III. Industry goals and objectives. (Aluminum Association)

See if I can get slide from their web site on their Goals and objectives. (1 slide)
- IV. RV Story (1 slide)
- V. Equipment

Couple of pictures of TUMBLER (1 slides)

VI. Unique results keeping materials away from waste disposal.

Aluminum Recovery
Oxide Use
Recycled Flux

Pictures of piles of slag and piles of metal and fines to recycling
and to land fill. (2 slides)

VII. Summary Sustainable Solutions for Dross Processing (1 slide)

VIII. The End.

Total Goal 10 slides. For a discussion time of 2 minutes per slide max. 18 – 20 minute discussion.