



*Problem/Opportunity*

# Silo Contamination: Polymers Get Recovered

## CASE STUDY - No. 2

### Multiple Plastic Separation



#### Problem/Opportunity:

50,000 lbs. of natural ABS virgin pellets (cylindrical) had been contaminated with PVC pellets (square) and a trace amount of yellow concentrate and black resin - a result of silo cross-contamination. The material required immediate removal from the silo in order for the customer to get a replacement load of ABS pellets and maintain production.

#### Impact on Customer:

The customer was prepared to export the contaminated material “as is” for about \$0.15/lb., resulting in a loss of \$0.65/lb. compared to the replacement of ABS virgin pellets (\$0.80/lb.). To export (or sell) the material, containers were required and would need to be purchased to pack out the contaminated material (an additional \$0.02/lb. loss).

#### Butler-MacDonald’s Solution:

Butler-MacDonald sampled, quoted and received the bulk truck. Immediately upon arrival, Butler-MacDonald removed the PVC along with the yellow concentrate and recovered clean ABS pellets using our process.

#### Result:

The customer was able to maintain production by immediately draining the silo into a bulk truck and scheduling a replacement shipment of virgin ABS pellets. Butler-MacDonald recovered value for unusable plastic resulting in a 98% combined yield of 100% pure natural ABS & PVC pellets at a cost that was economically viable for our customer. Export turned out to be no solution at all.

You won’t believe everything we can do. Until you call us.



*Result - ABS 100%*



*Result - PVC 99.99%*



RECOVERING VALUE FROM UNUSABLE PLASTIC™

5955 W. 80th Street • Indianapolis, IN 46278  
Phone: 317-872-5115 • Fax: 317-872-5660