

# Finding Practical Solutions to Meet Business Essentials

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# Manufacturing Process Changes

- ❖ Increase in Product Demand
- ❖ Introduce a New Product Line
- ❖ Raw Material Substitution
- ❖ Modify or Install New Process Equipment
- ❖ Water Conservation



Design for the Environment An EPA Partnership Program

# SAFER DETERGENTS STEWARDSHIP INITIATIVE



Avoided the  
installation of  
expensive  
pretreatment  
equipment

Meeting to  
Address Acetone

Finding

Solutions

Cleaning  
Detergent  
Substitution



# RIO TINTO



BORAX

98% Boron  
Recovered  
No Impact to  
Water Quality

Boron  
Impacting  
Recycled Water  
Quality

Finding

Solutions

Establish Boron  
Discharge  
Schedule

Collaboration  
to Find  
Solutions



# SEWER CAPACITY



Sewer  
Capacity  
Approved

Request for  
Sewer  
Capacity

Finding

Solutions

Automate  
and Extend  
Discharge  
Release  
Time

No Available  
Capacity



END