



P2/S Quantitative Environmental Outcomes

Through our interactions with various facilities, impacts in terms of chemical eliminations and reductions, and reductions in water use, have been quantified. Many of these projects have had beneficial economic effects for the companies involved, resulting in substantial annual cost savings. Although not included in this table, regulatory benefits have included reduced levels of environmental reporting, less stringent permit requirements, and compliance with environmental regulations.

Chemical Name	Number of Projects	Chemical Eliminations, lbs	Chemical Reductions, lbs	Water Use Reductions, gal/yr	Annual Cost Savings
cadmium	1	21,375	0		
Chromium	3	84	13,500		
lead	1	0	74,250		
NaOH	2	2,730	8,077	28,054	\$50,146.17
perchloroethylene	2	0	4,340	0	\$11,810.00
TCE	4	0	26,135	5,250,000	\$38,950.00
Grand Total	13	24,189	126,302	5,278,054	\$100,906.17

The table above includes data for projects at Oxboro Cleaners, J&A Cleaners, New Dimension Plating, Merit Plating, Nico Plating, Hiawatha Rubber Co., SJE Rhombus, and Pine-Tique/Minnetonka Woodcraft. Data from an unpublished case study at a pigment manufacturing facility is also included.

For a complete listing of environmental benefits, qualitative results, and sustainability outcomes, please see our [qualitative outcomes table](#).

All actions have taken place since 1996.

Updated January 2001.