

# Analysis of Water Quality California Dairy January 2005 to February 2006 Organic Load Reductions

Variable	Average Influent	Average Discharge	% Change
BOD	3,500.00	221.90	-93.66%
TSS	9,365.58	1,757.17	-81.24%
TVSS	7,089.67	1,268.67	-82.11%

# Analysis of Water Quality California Dairy January 2005 to February 2006 Nutrient Balancing - NPK

Variable	Average Influent	Average Discharge	% Change
NO <sub>3</sub> -N	2.02	0.34	-83.16%
NH <sub>4</sub> -N	322.88	367.30	13.76%
TKN	844.56	446.80	-47.10%
TP	109.14	36.47	-66.58
TK	791.21	619.20	-21.74%

# Analysis of Water Quality California Dairy January 2005 to February 2006 Nutrient Balancing - Minerals

Variable	Average Influent	Average Discharge	% Change
TS	12,796.69	4,345.60	-66.04%
Ca	334.19	181.70	-45.63%
Mg	175.81	105.70	-39.88%
Na	225.63	189.50	-16.01%
CaCO <sub>3</sub>	2,926.75	2,767.10	-5.45%
Cl	276.88	224.00	-19.10%
SAR	2.78	2.35	-15.51%

