

## *Nature's Whey*

***Because we all live down stream.....***

Nature's Whey, Inc.; P.O. Box 70; Mashpee, MA. 02649

### **Nature's Whey Grease Trap Remedy and Nature's Whey Septic Remedy application test results of use at a famous, historic New England Inn, dating to the 1700s, in Sandwich, Massachusetts. on Cape Cod.**

The Inn has 53 rooms/ suites, spa, pub, large commercial kitchen and restaurant with 3 dining rooms and banquet facilities; using approximately 1.5 million gallons of water per month. **The Septic Remedy** was applied to each drain throughout the Inn and Restaurant to cleanse the plumbing structure, and "shock" the septic tank, as well as into each of 12 portals in the leach fields to begin the cleaning/ balancing process. **The Grease Trap Remedy** was applied directly into the two, in series, grease traps, as well as into the distribution pump portal, to begin the remedial process. Upon completion of the 3 week initial application, metering pumps were installed to feed the two Nature's Whey products into the respective systems. Samples are taken directly to Envirotech Laboratories (MA CERT. NO. M-MA 063) in Sandwich, MA for analysis; here are results by sample dates (red shows reductions):

PARAMETERS	1/11/06	2/17/06	change	3/23/06	4/27/06	6/12/06	7/28/06	10/17/06	change YTD	test method
Kjeldhal N (TKN)	<b>42.5</b>	31.9	<25%	37	40.3	31	33.3	<b>29.7</b>	<b>&lt;30.2%</b>	351.3
Ammonia	25.5	24.1	<6%	--	28.8	26.3	30.2	30.2	>19%	350.2
Nitrate N	BRL	BRL	--	BRL	BRL	BRL	BRL	2.76	----	300.0
Nitrite N	BRL	BRL	--	BRL	BRL	BRL	BRL	---	----	300.0
Total Nitrogen	<b>42.5</b>	31.9	<25%	37	40.3	31	33.3	<b>32.5</b>	<b>&lt;23.6 %</b>	calc.
Oil & Grease	<b>37.0</b>	<b>8.8</b>	<b>&lt;76%</b>	<b>3.2</b>	<b>3.4</b>	<b>6.6</b>	<b>5</b>	<b>11</b>	<b>&lt;70.0 %</b>	1664
Surfactants	<.02	BRL	--	.03	.01	.15	.13	<0.1	----	5540C
Total Phosphates	<b>11.7</b>	10.8	<8%	11.9	12.3	7.3	6.67	<b>1.29</b>	<b>&lt;89%</b>	4500-P
E-coli	<b>73k</b>	280k	<384%	27k	---	140k	20k	<b>40k</b>	<b>&lt;45.2%</b>	9213 D

measurements in parts per million



BEFORE - January 2006



AFTER - May 2006

A competitor's bacterial product had been in use for 8 years, yet grease trap was being pumped every 4 to 6 weeks, and bio-filters between the traps and septic system, and the septic system and leach fields were regularly clogged. After 60 days use of Nature's Whey, grease solids had been reduced to clear liquid, and bio-filter cleaning time and pumping requirements have been minimized. Maintenance dosages were begun on 5/1/06

Sampling will continue at 5 to 6 week intervals to demonstrate how increases and decreases in various parameters may fluctuate in a general downward trend.