FID # 268120380
Program
Category Comp

Delafield-Hartland
Water Pollution Control Commission
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Delafield-Hartland WPCC
2010 Final Chloride Progress Report

The Delafield-Hartland WPCC customers now have the brochure "Water Softeners and the Environment" posted on their web sites. In 2010 Delafield-Hartland WPCC developed its own web site so we could put more information about this subject and others on the web.

This is the Final Chloride Progress Report and I would like to say we did a real good job reaching the 500 mg/l average for this year and hopefully for years to come. I would ask for a proposed target value of 600 mg/l for the next permit seeing we don't know what our winters will bring and how much salt is needed for snow covered roads.

Four consecutive daily composite samples are collected each month and analyzed for chlorides. In the month of October corresponding samples were collected from each of our customers to see the impact they have individually.

2010

EFFLUENT FLOW		CHLORIDES	POUNDS
JANUARY	1.780	452.5	6717
FEBRUARY	1.741	422.5	6135
MARCH	1.791	400	5975
APRIL	1.775	432.5	6403
MAY	1.804	505	7598
JUNE	1.951	492.5	8014
JULY	2.491	432.5	8985
AUGUST	2.205	437.5	8045
SEPTEMBER	1.946	385	6248
OCTOBER	1.779	440	6528
NOVEMBER	1.660	435	6022
DECEMBER	1.702	492.5	6991
TOTALS	22.625	5327.5	83661
AVERAGE	1.885	444	6980

The average pounds discharged on a daily basis for 2010 was 6980 lbs.

The October supplemental testing of our customers for influent chlorides was as follows:

October 4, Summit: 510 mg/l, Del-Hart: 460 mg/l
October 6, Hartland: 390 mg/l, Del-Hart: 650 mg/l
October 7, Nashotah: 360 mg/l, Del-Hart: 440 mg/l

The City of Delafield discharges at many locations in our interceptor sewer, making it impossible to sample separately.

The Triad Group, Inc. located in Hartland is our only industrial waste discharge to the plant. In 2010 their chlorides averaged 625 mg/l. Since then I have asked them to try and find the source of the chlorides and reduce the use of that product. I will also try to work with Triad in the reduction of chlorides as the year goes on.

Sincerely,

Scott Luczak
General Manager