

**Stocker Pond Association
%Allan
PO Box 1544
Grantham, NH 03753
Tel (603)863-7426**

November 1, 2005

Dear Association Member:

At our annual meeting in September, there was a very important discussion concerning the inlet and the weed growth that is taking place. Out of this discussion, we voted to spend up to \$2,000 to develop a program to address this issue.

Enclosed are the minutes of the meeting that will provide valuable background information as well as a record of the vote. At that time, we agreed to provide an update on the progress that has been made on this effort.

Here is the update:

- A total of 21 culverts draining water into Stocker Pond have been identified and marked. Enclosed is a DES report on the quality of the sample taken on October 9 (right after a very heavy rainfall) of 9 of the more active culverts.
- The Grantham Conservation Commission has been contacted and members have visited the pond. The commission has indicated a willingness to appropriate funds on a match-funding basis for reclamation projects that we might develop.
- Pat Woolson has also agreed to serve on the Commission
- Pat has also begun preparation of a grant application to the New Hampshire Department of Environmental Services to help with the cost of such a reclamation project.

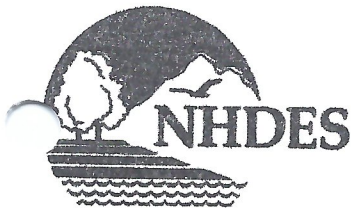
We'll continue to keep you informed as this all progresses. In the meantime, don't hesitate to let us know if you have questions or comments.

Sincerely

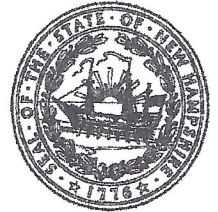


Thain Allan,
Secretary/Treasurer

PS I received email addresses from many of you and have also sent this to you via that address. If you didn't get the email, please send me a note at dedthain@adelphia.net. If you haven't sent me your address, would you please do so. I plan to send future updates via email to reduce our postage expense..... Thanks.



The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

Pat Woolson
Stocker Pond
PO Box 338
Grantham, NH 03753

October 21, 2005

Dear Pat,

I am forwarding you the results for the culvert samples that you submitted to the Department of Environmental Services (DES) Limnology Center on October 9, 2005. The nine samples were each tested for conductivity, turbidity, chloride, and total dissolved solids (TDS). Since TDS is not a routine Volunteer Lake Assessment Program (VLAP) parameter, a description of this parameter is included, as follows:

TOTAL DISSOLVED SOLIDS (TDS) — A measure of the amount of material dissolved in water (mostly inorganic salts). Typically aggregates of carbonates, bicarbonates, chlorides, sulfates, phosphates, nitrates, etc. of calcium, magnesium, manganese, sodium, potassium, and other cations which form salts. Water that has a high content of inorganic material frequently has taste problems and/or water hardness problems. As an example, water that contains an excessive amount of dissolved salt (sodium chloride) is not suitable for drinking. High TDS solutions have the capability of changing the chemical nature of water. High TDS concentrations exert varying degrees of osmotic pressures and often become lethal to the biological inhabitants of an aquatic environment. The common and synonymously used term for TDS is "salt".

The results of the culvert sampling show that the chloride results ranged from 4 to 212 mg/L, the turbidity ranged from 3.82 to 279 NTUs, the conductivity ranged from 74.53 to 894 uMhos/cm, and TDS ranged from 86 to 590 mg/L. Of the nine culverts sampled, **Culvert 14** had the highest conductivity, chloride and TDS results. While there are currently no applicable state surface water quality standards for conductivity and TDS, the chloride result of 212 mg/L approaches the State chronic chloride criteria of 230 mg/L.

We recommend that these culvert locations be sampled again in late-winter/early-spring 2006 as the snow/ice is melting. In addition, if possible, we recommend that bracket sampling be conducted along the Culvert 14 stream. Using the stream bracketing technique, samples are collected in multiple locations along the stream to help pin-point pollution sources.

Please feel free to contact me if you have any questions or concerns and keep up the good work!

Sincerely,

Andrea M. LaMoreaux
VLAP Coordinator
(603) 271-2658
alamoreaux@des.state.nh.us

cc: VLAP File

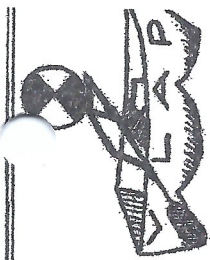
NH Department of Environmental Services Volunteer Lake Assessment Program

Current Year Chemical and Biological Data

STOCKER POND

GRANTHAM

October-21-2005



Station ID	Station Name	Lab ID	Type	Date	Depth	ANC	Chl-A	COND	pH	TP	Turbidity	Transparency	EC	TDS
STOGTMC02	STOCKER POND-CULVERT 2	2005-6275	SAMPLE	10/09/2005				217			170			144 31
STOGTMC04	STOCKER POND-CULVERT 4	2005-6276	SAMPLE	10/09/2005				119.1			279			79 4
STOGTMC05	STOCKER POND-CULVERT 5	2005-6277	SAMPLE	10/09/2005				146.1			168			96 5
STOGTMC07	STOCKER POND-CULVERT 7	2005-6278	SAMPLE	10/09/2005				74.53			33.8			49 6
STOGTMC09	STOCKER POND-CULVERT 9	2005-6279	SAMPLE	10/09/2005				138.7			104			91 12
STOGTMC10	STOCKER POND-CULVERT 10	2005-6280	SAMPLE	10/09/2005				286			12.5			188 57
STOGTMC14	STOCKER POND-CULVERT 14	2005-6281	SAMPLE	10/09/2005				213			222			140 19
STOGTMC16	STOCKER POND-CULVERT 16	2005-6282	SAMPLE	10/09/2005				894			28.7			590 212
STOGTMC20	STOCKER POND-CULVERT 20	2005-6283	SAMPLE	10/09/2005				130.3			3.82			86 20
STOGTMD	STOCKER POND-DEEP SPOT	2005-2988	SAMPLE	07/14/2005	COMP		3.84							
		2005-2981	SAMPLE	07/14/2005	EPI	11.1		169.8	7.06	.01	1.03	2.4		
		2005-2982	SAMPLE	07/14/2005	HYPO			170.7	6.54	.011	1.13			
		2005-2983	DUPLICATE					180.5	6.37		1.16			
		2005-2984	SAMPLE	07/14/2005				195.2	6.57	.026	1.17		30	
STOGTMI	STOCKER POND-INLET	2005-2985	DUPLICATE					193.9	6.57		1.02			
STOGTMU	STOCKER POND-INLET UPSTREAM	2005-2986	SAMPLE	07/14/2005				208	7.25	.014	2.23			
STOGTMO	STOCKER POND-OUTLET	2005-2987	SAMPLE	07/14/2005				169.7	7.21	.011	1.04		240	

TDS = Total Dissolved Solids (mg/L)

Please Note: pH (units), TP (mg/L), Cond (UMHOS/cm), Transparency (M), EC = E. coli (cts/100mL), Turbidity (NTU), ANC (mg/L), Chloride (mg/L), Chl-A (mg/M3)