

**Connecticut Water Company**  
93 West Main Street  
Clinton, CT 06413-1600

Office: 860.669.8636  
Fax: 860.669.9326  
Customer Service: 800.286.5700



June 1, 2017

Via Electronic Mail

Ms. Corinne Fitting  
Department of Energy and Environmental Protection  
Bureau of Water Protection and Land Reuse  
79 Elm Street  
Hartford, CT 06106-5127

**Re: Stream Flow Classifications  
Connecticut River Basin**

Dear Ms. Fitting:

Connecticut Water is a regulated public water utility that is committed to providing high quality water and world-class service to families and communities while being good stewards of the environment. We serve over 90,000 customers, or approximately 300,000 people, in 56 towns in Connecticut. Our supplies come from a mix of surface water, wells completed in bedrock and stratified drift aquifers, and water purchased from neighboring utilities. Like all water companies, our ability to adequately provide for our customers' current and future needs depends upon us having ready access to an uninterrupted supply of water.

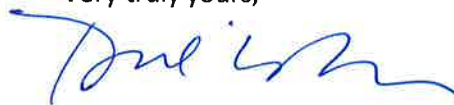
As a water company with a significant presence in the Connecticut River basin, we recently reviewed the basin's proposed stream segment classifications. With a handful of exceptions, we find the preliminary classification to be accurate with regard to those river and stream segments adjacent to the Company's larger registered and/or permitted public water supply sources. Inaccuracies appear limited to segments adjacent to the Northern Western System's Vernon, Woodland Park, Pine Knob, Ellington Acres, Farnham Estates and Mapleton wells, and the Unionville System's Pondwood well. These sources are identified on the enclosed table, along with the adjacent stream segment and the wells' registered capacity.

Connecticut Water also owns and operates a significant number of smaller community water systems in the Connecticut River basin. While a few of these are permitted (the Hebron Center Wells, Amston Lake Wells, and Church Street Well), most currently operate under the diversion permitting threshold.

In spite of their lower withdrawal rates, the majority of groundwater supplies serving these satellite systems do not appear to be properly accounted for when diversions are assessed under the hydrologic stressor indexing step. By not fully reflecting the presence of active, public water supply wells many stream segments appear to be improperly classified as a Class 1 or 2, when a lessor classification is likely warranted under the streamflow regulations. These active public water supply sources are similarly identified on the enclosed table, along with the adjacent stream segment and the wells' permitted and/or available supply capacity.

If you require additional information, please do not hesitate to contact me.

Very truly yours,



David L. Radka

Director of Water Resources and Planning

Enc: Table 1

Cc: Lori Mathieu, DPH

Table 1

Source of Supply	Stream Segment	Preliminary Classification	Comments [1]
<b>Vernon Wells 1,2 &amp;4</b>	106,003,524	Class I	Existing, registered stratified drift public water supply wells; each 0.1728 mgd
	106,003,525	Class II	"
	106,003,542	Class I	"
	106,003,416	Class I	"
	106,004,415	Class I	"
	106,004,411	Class II	"
<b>Woodland Park &amp; Pine Knob Wells</b>	106,000,272	Class II	Existing, registered bedrock public water supply wells; Woodland Park 0.252 mgd, Pine Knob 0.648 mgd
<b>Ellington Acres (Egypt) Road Wells</b>	106,003,871	Class I	Existing, registered and permitted public water supply wells; 4 wells permitted: #3 – 0.118 mgd, #4 – 0.197 mgd, #1 - #4 combined 0.43 mgd, #1 - #3 combined 0.359 mgd
<b>Farnham Estates Well</b>	106,003,600	Class II	Existing, registered bedrock public water supply well; 0.504 mgd
<b>Mapleton Wells</b>	106,004,255	Class II	Existing, registered bedrock public water supply wells; 2 wells, #1 – 0.2405 mgd, #2 – 0.3384 mgd
<b>Pondwood Well</b>	105,001,172	Class II	Existing, registered bedrock public water supply well; 0.144 mgd
<b>Hebron Center Wells</b>	106,002,829	Class I	Existing, permitted bedrock public water supply wells; 3 wells 0.105 mgd combined
<b>Amston Lake Wells</b>	106,002,692	Class I	Existing, permitted bedrock public water supply wells; 2 wells 0.075 mgd combined
	106,002,705	Class I	"
<b>Church St Well</b>	106,002,699	Class I	Existing, permitted bedrock public water supply well; 0.0576 mgd

Source of Supply	Stream Segment	Preliminary Classification	Comments
<b>Westchester Village Wells</b>	106,002,380	Class I	Exempt, 6 bedrock public water supply wells; available supply 28,300 gpd combined
<b>Ponemah Village Wells</b>	106,002,250	Class I	Exempt, 2 bedrock public water supply wells; available supply 21,600 gpd combined
<b>Lake Hayward Wells</b>	106,002,102	Class I	Exempt, 4 bedrock public water supply wells; available supply 50,000 gpd combined
<b>Banner Village Wells</b>	106,002,046	Class I	Exempt, 2 bedrock public water supply wells; available supply 50,000 gpd combined
	106,001,861	Class I	"
<b>Laurel Ridge Wells</b>	106,002,530	Class I	Exempt, 3 bedrock public water supply wells; available supply 40,500 gpd combined
<b>Baker Hill Wells</b>	106,002,425	Class I	Exempt, 3 bedrock public water supply wells; available supply 20,300 gpd combined
<b>Spice Hill Wells</b>	106,002,383	Class I	Exempt, 10 bedrock public water supply wells; available supply 50,000 gpd combined
<b>Stage Coach Farm Wells</b>	106,001,183	Class I	Exempt, 2 bedrock public water supply wells; available supply 20,300 gpd combined
<b>Rivercrest Wells</b>	106,001,171	Class I	Exempt, 5 (2 dug, 3 bedrock) public water supply wells; available supply 12,500 gpd combined
<b>Mill @ Stonecroft Wells</b>	106,002,764	Class I	Exempt, 2 bedrock public water supply wells; available supply 24,300 gpd combined
<b>Wellswood Wells</b>	106,002,765	Class I	Exempt, 2 bedrock public water supply wells; available supply 21,600 gpd combined
<b>Country Manor Well</b>	106,002,829	Class I	Exempt, 1 bedrock public water supply wells; available supply 12,100 gpd combined
<b>Redwood Farms Wells</b>	106,003,110	Class II	Exempt, 2 bedrock public water supply wells; available supply 50,000 gpd combined

Source of Supply	Stream Segment	Preliminary Classification	Comments
<b>MASH Wells</b>	106,002,638	Class I	Exempt, 2 bedrock public water supply wells; available supply 35,000 gpd combined
<b>Sachem Village Wells</b>	106,002,744	Class I	Exempt, 2 bedrock public water supply wells; available supply 50,000 gpd combined
<b>Marlborough Gardens Well</b>	106,001,954	Class I	Exempt, 2 bedrock public water supply wells; available supply 13,500 gpd combined
<b>Forest Homes Wells</b>	106,001,954	Class I	Exempt, 2 bedrock public water supply wells; available supply 22,900 gpd combined

[1] For non-registered or permitted sources, available supply is calculated using current pumping rates over a 24 hour period.