



## Hannacrois Creek – Hudson River (0202000604)

### Water Index Number

H-207 thru 218, EOH  
 H-208  
 H-208- 4-P152b  
 H-208- 6  
 H-208- 6-P155  
 H-209  
 H-212  
 H-212  
 H-212  
 H-212-P185  
 H-214  
 H-214-10  
 H-214-10- 3-P262a  
 H-214-10- 4-P207  
 H-214-10-P207a  
 H-216 thru 220, WOH (selected)  
 H-217  
 H-217  
 H-218

### Waterbody Name

Minor Tribs to East of Hudson (1301-0226)  
 Cossackie Creek and minor tribs (1301-0092)  
 Cossackie Reservoir (1301-0227)  
 Bronx Lake Outlet, Upper and tribs (1301-0228)  
 Bronks Lake (1301-0229)  
 Mill Creek and tribs (1301-0093)  
 Hannacrois Creek, Lower, and tribs (1301-0230)  
 Hannacrois Creek, Middle, and tribs(1301-0020)  
 Hannacrois Creek, Upper, and tribs (1301-0231)  
 Alcove Reservoir (1301-0232)  
 Coeymans Creek and minor tribs (1301-0095)  
 Onesquethaw Creek and tribs (1301-0233)  
 Vly Creek Reservoir (1301-0234)  
 Lawsons Lake (1301-0235)  
 Helderberg Lake (1301-0029)  
 Minor Tribs to West of Hudson (1301-0238)  
 VlomanKill, Lower, and tribs (1301-0239)  
 Vloman Kill, Upper, and tribs (1301-0240)  
 Vlockie Kill, Upper, and tribs (1301-0241)

### Category

UnAssessed  
 MinorImpacts  
 UnAssessed  
 UnAssessed  
 UnAssessed  
 MinorImpacts  
 NoKnownImpact  
 Need Verific  
 UnAssessed  
 NoKnownImpact  
 Minor Impact  
 NoKnownImpact  
 UnAssessed  
 Impaired  
 Need Verific  
 UnAssessed  
 Need Verific  
 NoKnownImpact  
 UnAssessed

H-215	Schodack Creek/Muitzes Kill and tribs (1301-0236)	UnAssessed
H-215- 3- 4-P211	Knickerbocker Lake (1301-0237)	UnAssessed
H-219	Papscanee Creek and minor tribs (1301-0242)	UnAssessed
H-219- 1	<a href="#">Moordener Kill and minor tribs (1301-0243)</a>	<b>NoKnownImpct</b>
H-219- 1- 4	North Branch Moordener Kill and tribs (1301-0244)	UnAssessed

# Coxsackie Creek and minor tribs ( 1301-0092)

MinorImpacts

## Waterbody Location Information

Revised: 05/29/2008

**Water Index No:** H-208  
**Hydro Unit Code:** 02020006/130      **Str Class:** C  
**Waterbody Type:** River  
**Waterbody Size:** 55.0 Miles  
**Seg Description:** entire stream and select tribs

**Drain Basin:** Lower Hudson River  
Middle Hudson River  
**Reg/County:** 4/Greene Co. (20)  
**Quad Map:** RAVENA (L-25-2)

## Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Recreation	Stressed	Suspected

### Type of Pollutant(s)

Known: ---  
Suspected: ALGAL/WEED GROWTH (odors, aquatic vegetation), Nutrients  
Possible: Pathogens

### Source(s) of Pollutant(s)

Known: ---  
Suspected: PRIVATE/COMM/INST (trailer park), On-Site/Septic Syst, Urban/Storm Runoff  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** 1 (Needs Verification/Study (see STATUS))  
**Verification Status:** 3 (Cause Identified, Source Unknown)  
**Lead Agency/Office:** DOW/Reg4  
**TMDL/303d Status:** n/a

**Resolution Potential:** Medium

## Further Details

### Overview

Recreational uses in Coxsackie Creek are thought to experience minor impacts/threats due to aquatic weed growth, nutrient loadings and other pollutants from small private treatment facilities.

### Water Quality Sampling

A biological (macroinvertebrate) assessment of Coxsackie Creek in Otter Hook (near Route 61) was conducted in 1998. Sampling results indicated slightly impacted water quality conditions. The fauna was heavily dominated by filter-feeding caddisflies, however the stream substrate was primarily bedrock, suggesting that habitat factors may have influenced the results to some degree. Nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream. (DEC/DOW, BWAM/SBU, June 2005)

### Previous Assessment

Aesthetics in Coxsackie Creek and a tributary, Climax Creek (Trib -4), were previously (1999) reported to be impacted by odors and excessive aquatic weed growth. The suspected cause/source of the problem at the time was a private wastewater system (adsorption bed) serving a trailer park along Climax Creek just above its confluence with Coxsackie Creek. However the extent of the impact on Coxsackie Creek is undetermined and requires further investigation. There have been no recent indications of problems or complaints regarding conditions in the creek. Other on-site and/or private systems may also be affecting water quality in the creek. (DEC/DOW, Region 4, May 2008)

### Segment Description

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C. Tribs to this reach/segment, including Sickles Creek (-1), Climax Creek (-4), Cocksackie Reservoir Outlet/Inlet (-4) and Bronks Lake Outlet (-6), are primarily Class C,C(T), with a short trib to Cocksackie Reservoir designated Class A. A short reach of Bronks Lake Outlet (-6) is listed separately. Lower tidal portions of this trib is included with the Hudson Main Stem.

# Mill Creek and tribs (1301-0093)

# MinorImpacts

## Waterbody Location Information

Revised: 10/05/1999

**Water Index No:** H-209  
**Hydro Unit Code:** 02020006/080      **Str Class:** C  
**Waterbody Type:** River  
**Waterbody Size:** 22.8 Miles  
**Seg Description:** entire stream and tribs

**Drain Basin:** Lower Hudson River  
Middle Hudson River  
**Reg/County:** 4/Columbia Co. (11)  
**Quad Map:** HUDSON NORTH (L-25-3)

## Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Aquatic Life	Stressed	Suspected
Aesthetics	Stressed	Known

### Type of Pollutant(s)

Known: NUTRIENTS, Aesthetics, Silt/Sediment  
Suspected: D.O./Oxygen Demand, Pathogens  
Possible: ---

### Source(s) of Pollutant(s)

Known: AGRICULTURE  
Suspected: ---  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** ()  
**Verification Status:** (Not Applicable for Selected RESOLVABILITY)  
**Lead Agency/Office:** ext/SWCD  
**TMDL/303d Status:** n/a

**Resolution Potential:** n/a

## Further Details

### Overview

The fishery as well as aesthetics of Mill Creek are thought to be affected by agricultural runoff in the watershed. Visual impairment of the creek has been reported by regional staff. The "J and J" dairy farm in Stuyvesant has been identified through the NYS Ag & Markets and the Statewide Soil and Water Conservation Committee's AEM program as needing implementation of agricultural BMPs to protect water quality. (DEC\DOW, Region 4, June 1998)

### Segment Description

This segment includes the entire stream and all tribs. The waters of the stream are Class C,C(T). Tribs to this reach/segment, including Stuyvesant Brook (-1), are also Class C. Lower tidal portions of these tribs are included with the Hudson Main Stem.



# Hannacrois Creek, Middle, and tribs ( 1301-0020)

Need Verific

## Waterbody Location Information

Revised: 05/30/2008

**Water Index No:** H-212  
**Hydro Unit Code:** 02020006/070      **Str Class:** A(TS)  
**Waterbody Type:** River  
**Waterbody Size:** 74.0 Miles  
**Seg Description:** stream and tribs, from Deans Mill to Alcove

**Drain Basin:** Lower Hudson River  
Middle Hudson River  
**Reg/County:** 4/Albany Co. ( 1)  
**Quad Map:** RAVENA (L-25-2)

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Habitat/Hydrology	Stressed	Possible

### Type of Pollutant(s)

Known: ---  
Suspected: WATER LEVEL/FLOW  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: HYDRO MODIFICATION  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** 1 (Needs Verification/Study (see STATUS))  
**Verification Status:** 1 (Waterbody Nominated, Problem Not Verified)  
**Lead Agency/Office:** DOW/Reg4  
**TMDL/303d Status:** n/a

**Resolution Potential:** Medium

## Further Details

### Water Quality Sampling

A biological (macroinvertebrate) assessment of Hannacrois Creek in Ravena (at New Baltimore Road) was conducted in 1998. Sampling results indicated slightly impacted water quality conditions, although the results were very close to the non-impacted range. The fauna was diverse and well-balanced and had highest affinity to natural communities. Nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAM/SBU, December 2004)

### Hydrologic Issues

Hydrologic modification in the stream below the Alcove Reservoir has been raised as a concern in previous (1996) assessments. Limited reservoir releases impact flow in the creek during dry weather. In light of the increasing growth in the surrounding Towns of Guilderland and Bethlehem, water demands on the reservoir are expected to increase. (DEC/DOW, Region 4, 1996)

### Segment Description

This segment includes the portion of the stream and all tribs from the Ravena water supply dam in Deans Mill to Alcove Reservoir in Alcove. The waters of this portion of the stream are Class A(T),A(TS). Tribs to this reach/segment are Class C,C(T),C(TS). Lower/Upper Hannacrois Creek are listed separately.



# Coeymans Creek and minor tribs ( 1301-0095)

# Minor Impact

## Waterbody Location Information

Revised: 06/03/2008

**Water Index No:** H-214  
**Hydro Unit Code:** 02020006/060      **Str Class:** C(T)  
**Waterbody Type:** River  
**Waterbody Size:** 69.6 Miles  
**Seg Description:** entire stream and select tribs

**Drain Basin:** Lower Hudson River  
Middle Hudson River  
**Reg/County:** 4/Albany Co. ( 1)  
**Quad Map:** RAVENA (L-25-2)

## Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Aquatic Life	Stressed	Known

### Type of Pollutant(s)

Known: NUTRIENTS (phosphorus), SILT/SEDIMENT  
Suspected: Metals  
Possible: Unknown Toxicity

### Source(s) of Pollutant(s)

Known: - - -  
Suspected: AGRICULTURE, URBAN/STORM RUNOFF  
Possible: Industrial, Municipal

## Resolution/Management Information

**Issue Resolvability:** 1 (Needs Verification/Study (see STATUS))  
**Verification Status:** 1 (Waterbody Nominated, Problem Not Verified)  
**Lead Agency/Office:** DOW/Reg4  
**TMDL/303d Status:** n/a

**Resolution Potential:** Medium

## Further Details

### Overview

Aquatic life support in Coeymans Creek is known to experience minor impacts due to nutrient enrichment, siltation and other pollutants from agricultural and other nonpoint sources. More complex municipal/industrial sources are indicated in the upper creek.

### Water Quality Sampling

NYSDEC Rotating Intensive Basin Studies (RIBS) Intensive Network monitoring of Coeymans Creek in Coeymans, Albany County, (at Route 144) was conducted in 2003. Intensive Network sampling typically includes macroinvertebrate community analysis, water column chemistry, sediment and invertebrate tissues analysis and toxicity evaluation. During this sampling the biological (macroinvertebrate) sampling results indicated slightly impacted water quality conditions. Water column sampling revealed nutrients (nitrate), total dissolved solids and iron to be parameters of concern. However, iron is considered to be naturally occurring and not a source of water quality impacts. Bottom sediment sampling results revealed several metals to be exceeding the Threshold Effects level - levels at which adverse impacts occasionally occur. Toxicity testing of the water column showed no significant mortality or reproductive impacts. Based on the consensus of these established assessment methods, overall water quality at this site has minor impacts, but is generally supportive of aquatic life support and recreational uses. (DEC/DOW, BWAM/RIBS, January 2005)

A biological (macroinvertebrate) assessment of Coeymans Creek at this site was also conducted in 2002 during the

Biological Screening effort in the basin. Sampling results at that time indicated moderately slightly impacted water quality conditions. Nonpoint source nutrient enrichment was indicated as the primary source of impacts to the stream. Although aquatic life is supported in the stream, nutrient biotic evaluation indicates the level of eutrophication is sufficient to stress aquatic life support. (DEC/DOW, BWAM/SBU, September 2005)

#### Previous Sampling

A biological (macroinvertebrate) survey of Coeymans and Onesquethaw Creeks conducted in 1998 also revealed slightly impacted water quality at most sites. Though slight impact is generally reflective of good water quality, the sampling sites along Coeymans Creek showed signs of nutrient enrichment from nonpoint source runoff, municipal/industrial inputs and siltation effects. Sites on Onesquethaw Creek, though slightly impacted, had invertebrate communities reflecting natural conditions. (Onesquethaw/Coeymans Creek Biological Assessment, Bode et al, DEC/DOW, BWAM, SBU, November 1998)

#### Segment Description

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C,C(TS). Tribs to this reach/segment, including Mosher Brook (-4) and Feuri Spruyt (-8), are Class C,C(T),C(TS). Onesquethaw Creek (-10) is listed separately. Lower tidal portions of these tribs are included with the Hudson Main Stem.

# Onesquethaw Creek and tribs ( 1301-0233)

NoKnownImpct

## Waterbody Location Information

Revised: 11/05/2007

**Water Index No:** H-214-10  
**Hydro Unit Code:** Str Class: C(TS)  
**Waterbody Type:** River  
**Waterbody Size:** 25.1 Miles  
**Seg Description:** entire stream and tribs  
**Drain Basin:** Lower Hudson River  
**Reg/County:** 4/Albany Co. ( 1)  
**Quad Map:** CLARKSVILLE (K-25-4)

## Water Quality Problem/Issue Information (CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** 8 (No Known Use Impairment)  
**Verification Status:** (Not Applicable for Selected RESOLVABILITY)  
**Lead Agency/Office:** n/a  
**TMDL/303d Status:** n/a  
**Resolution Potential:** n/a

## Further Details

### Overview

Aquatic life support in Onesquethaw Creek is thought to experience minor impacts due to nutrient enrichment, siltation and other pollutants from agricultural and other nonpoint sources. The habitat, particularly the loss of stream flow through fractures in limestone stream bed, may influence the sample results.

### Water Quality Sampling

A biological (macroinvertebrate) survey of Coeymans and Onesquethaw Creeks conducted in 1998 revealed slightly impacted water quality at most sites. Nonpoint source nutrient enrichment was considered to be the primary sources of impacts. The Onesquethaw/Coeymans Creek Biological Assessment (Bode et al, DEC/DOW, BWAM, SBU, November 1998) noted that the sites on Onesquethaw Creek, though slightly impacted, had invertebrate communities reflecting natural conditions. Nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. (DEC/DOW, BWAM/SBU, June 2005)

### Segment Description

This segment includes the portion of the stream and all tribs. The waters of this portion of the stream are Class C,C(T),C(TS). Tribs to this reach/segment, including Vly Creek (-3), are Class C,C(T).

# Lawsons Lake (1301-0235)

# Impaired

## Waterbody Location Information

Revised: 07/21/2016

<b>Water Index No:</b>	H-214-10- 4-P207	<b>Water Class:</b>	B
<b>Hydro Unit Code:</b>	Hannacrois Creek-Hudson River (0202000604)	<b>Drainage Basin:</b>	Lower Hudson River
<b>Water Type/Size:</b>	Lake/Reservoir      28 Acres	<b>Reg/County:</b>	4/Albany (1)
<b>Description:</b>	entire lake		

## Water Quality Problem/Issue Information

(CAPS indicate MAJOR Pollutants/Sources)

Uses Evaluated	Severity	Confidence
Water Supply	N/A	-
Public Bathing	Stressed	Known
Recreation	Impaired	Known
Aquatic Life	Threatened	Suspected
Fish Consumption	Unassessed	-
<b>Conditions Evaluated</b>		
Habitat/Hydrology	Unassessed	
Aesthetics	Poor	

### Type of Pollutant(s)

Known:            NUTRIENTS (phosphorus), HARMFUL ALGAL BLOOMS (HABs), Low D.O./Oxygen Demand, Algal/Plant growth, Aquatic Invasive Species

Suspected:      ---

Unconfirmed:    ---

### Source(s) of Pollutant(s)

Known:            ---

Suspected:      AGRICULTURE

Unconfirmed:    ---

## Management Information

**Management Status:** Restoration/Protection Strategy Needed

**Lead Agency/Office:** DOW/Reg4

**IR/305(b) Code:** Impaired Water Requiring a TMDL (IR Category 5), PROPOSED

## Further Details

### Overview

Lawsons Lake is assessed as an impaired waterbody due to recreational uses that are impaired by algal toxins, elevated nutrients, high algal levels and poor water clarity. No specific sources of pollutants have been identified, but agriculture activities are possible sources of nutrients.

### Use Assessment

Lawsons Lake is a Class B waterbody, suitable for public bathing, general recreation use and support of aquatic life, but not as a water supply.

Recreational uses are considered to be impaired due to elevated nutrients, excessive algae, poor water clarity, and shoreline harmful algal blooms. Additional bacteriological sampling is needed to more fully evaluate swimming use.

There are no health advisories in place limiting the consumption of fish from this waterbody (beyond the general advice for all waters). Fish consumption is considered to be fully supported based on the absence of any waterbody-specific advisory, but is noted as unconfirmed since routine monitoring of contaminants in fish is limited. (NYS DOH Health

Advisories and DEC/DOW, BWAM, July 2016)

#### Water Quality Information

Monthly water quality sampling of Lawsons Lake was conducted through the NYSDEC Lake Classification and Inventory (LCI) Program in 2014 & 2015. Results of this sampling indicated that the lake is best characterized as eutrophic, or highly productive. Chlorophyll/algal levels were consistently above criteria corresponding to impaired recreational uses, while phosphorus concentrations were all above the DEC guidance value for phosphorus. Lake clarity measurements indicated that water transparency typically failed to meet the recommended minimum criteria for swimming beaches.

Harmful algae blooms (HABs) have been documented on the lake, with the occurrence of HABs on multiple days and verified over more than a two week period, at multiple locations covering significant spatial extent. The blooms were documented over multiple years, indicating a high likelihood of annual recurrence. Several of the blooms exhibited blue green chlorophyll *a* levels that greatly exceed the DEC “Confirmed Bloom” threshold and exhibited microcystin levels well above the DEC “Confirmed Bloom with High Toxins” threshold.

#### Source Assessment

Based on the surrounding land use and other knowledge of the waterbody, agriculture is the most likely source of impacts to the waterbody.

#### Management Actions

A range of general best management practices and other recommendations to restore and protect water quality in all lakes is outlined in the NYSDEC manual Diet for a Small Lake (NYSDEC/FOLA, 2009).

#### Section 303(d) Listing

Lawsons Lake is not included on the current (2016) NYS Section 303(d) List of Impaired/TMDL Waters. However this updated assessment suggests it is appropriate to include this waterbody on the next List. It is recommended that this waterbody be added to Part 1 of the List as an impaired waterbody requiring development of a TMDL to address phosphorus. (DEC/DOW, BWAM/WQAS, July 2016).

#### Segment Description

This segment includes the entire portion of the Lake.

# Helderberg Lake (1301-0029)

Need Verific

## Waterbody Location Information

Revised: 05/28/2008

<b>Water Index No:</b>	H-214-10-P207a	<b>Drain Basin:</b>	Lower Hudson River
<b>Hydro Unit Code:</b>	02020006/060	<b>Str Class:</b>	B
<b>Waterbody Type:</b>	Lake	<b>Reg/County:</b>	Middle Hudson River
<b>Waterbody Size:</b>	29.2 Acres	<b>Reg/County:</b>	4/Albany Co. ( 1)
<b>Seg Description:</b>	entire lake	<b>Quad Map:</b>	WESTERLO (K-24-3)

## Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
Recreation	Stressed	Possible
Recreation	Stressed	Possible

### Type of Pollutant(s)

Known: - - -  
Suspected: ALGAL/WEED GROWTH  
Possible: Nutrients

### Source(s) of Pollutant(s)

Known: - - -  
Suspected: HABITAT MODIFICATION, HABITAT MODIFICATION  
Possible: Agriculture

## Resolution/Management Information

<b>Issue Resolvability:</b>	1 (Needs Verification/Study (see STATUS))	
<b>Verification Status:</b>	1 (Waterbody Nominated, Problem Not Verified)	
<b>Lead Agency/Office:</b>	DOW/BWAM	<b>Resolution Potential:</b> Medium
<b>TMDL/303d Status:</b>	n/a	

## Further Details

### Overview

Recreational uses in Helderburg Lake may experience minor impacts due to aquatic weed growth. Due to the lack of any current information, conditions in the lake need to be verified.

### Previous Assessment

Recreational uses (swimming, fishing, boating) were previously thought to be restricted by excessive weed growth. Weed control chemicals have been used in the lake. The local lake association conducts regular monitoring of the lake for dissolved oxygen and pH. Nutrients are also sampled occasionally. (Albany County WQCC, 1996)





# Moordener Kill and minor tribs ( 1301-0243)

NoKnownImpct

## Waterbody Location Information

Revised: 11/05/2007

**Water Index No:** H-219- 1  
**Hydro Unit Code:** Str Class: C(TS)  
**Waterbody Type:** River  
**Waterbody Size:** 33.0 Miles  
**Seg Description:** entire stream and select tribs  
**Drain Basin:** Lower Hudson River  
**Reg/County:** 4/Rensselaer Co. (42)  
**Quad Map:** EAST GREENBUSH (K-26-4)

## Water Quality Problem/Issue Information

(CAPS indicate MAJOR Use Impacts/Pollutants/Sources)

Use(s) Impacted	Severity	Problem Documentation
NO USE IMPAIRMNT		

### Type of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

### Source(s) of Pollutant(s)

Known: ---  
Suspected: ---  
Possible: ---

## Resolution/Management Information

**Issue Resolvability:** 8 (No Known Use Impairment)  
**Verification Status:** (Not Applicable for Selected RESOLVABILITY)  
**Lead Agency/Office:** n/a  
**TMDL/303d Status:** n/a  
**Resolution Potential:** n/a

## Further Details

### Water Quality Sampling

A biological (macroinvertebrate) assessment of Moordener Kill in Brookview (at Brookview Station Road) was conducted in 2002. Sampling results indicated slightly impacted water quality conditions. Nonpoint source nutrient enrichment and siltation were identified as primary sources of the impact. However, nutrient biotic evaluation determined these effects on the fauna to be minor. Aquatic life support is considered to be fully supported in the stream, and there are no other apparent water quality impacts to designated uses. A biological survey of the stream conducted in 1999 found mostly non-impacted water quality at 8 sites on the stream and tribs. A concurrent fish survey also found excellent water quality at most sites, and a healthy population of brown trout was documented. (DEC/DOW, BWAM/SBU, June 2005)

### Segment Description

This segment includes the entire stream and selected/smaller tribs. The waters of the stream are Class C,C(T),C(TS). Tribs to this reach/segment are Class C,C(T). North Branch Moordener Kill (-4) is listed separately.