

CHAPTER 25

TABLES OF CODES

This chapter presents a description of each code used within the data warehouse. They are presented in no particular order.

Numerical and alphabetical listings of all the code tables are provided on the next page to assist in referencing a table of interest.

NUMERICAL REFERENCE

TABLE NO.	CODE TABLE
1	1 st Level Drainage Basins
2	Water Body Types
3	Water Body Status Codes
4	Ownership Codes
5	Water Body Complex Types
6	Data Collection Agencies
7	Stream Types
8	Stream Channel Types
9	Stream Channel Positions
10	Water Sample Sources
11	Embeddedness Categories
12	Stream Survey Comments
13	DNRE Regions
14	NAQUADAT Drainage Units
15	Water Chemistry Data Qualifiers
16	Fish Trapping Facility ID's
17	Fish Species
18	Fish Strains
19	Fish Marking Techniques
20	Gender
21	Maturity
22	Classes of Parasites
23	Stomach Contents
24	Fish Sampling Methods
25	Crown Reserve ID's
26	County
27	Parish

ALPHABETICAL REFERENCE

CODE TABLE	TABLE NO.
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Classes of Parasites	2
County	26
Crown Reserve ID's	25
Data Collection Agencies	6
DNRE Regions	13
Embeddedness Categories	11
Fish Marking Techniques	19
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Fish Trapping Facility ID's	16
Fish Species	17
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Gender	20
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NAQUADAT Drainage Units	14
Ownership Codes	4
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Stream Channel Types	8
Stream Survey Comments	12
Stream Channel Positions	9
Stream Types	7
Water Chemistry Data Qualifiers	15
Water Body Status Codes	3
Water Sample Sources	10
Water Body Complex Types	5
Water Body Types	2

CODE	BASIN
01	Saint John
02	Miramichi
03	Restigouche
04	St. Croix
05	Nepisiguit
06	Petitcodiac Composite
07	Northumberland Strait Composite
08	West Fundy Composite
09	Acadian Peninsula Composite
10	Chaleur Bay Composite
11	East Fundy Composite
12	Fundy Isles Composite

2 - WATER BODY TYPES

CODE	WATER BODY TYPE
LAKE	Lake
RESV	Reservoir
STRM	Stream (Includes rivers, brooks, and intermittent streams)
WETL	Wetland

3 - WATER BODY STATUS

CODE	STATUS
DESG	Designated Watershed
OUTS	Outstanding Water

4 - WATER BODY OWNERS

CODE	OWNER
BOWR	Bowater Pulp and Paper Canada Inc.
DNRE	NB Dept. of Natural Resources & Energy
FRAS	Fraser Papers
IRVG	J.D. Irving Limited

5 - WATER BODY COMPLEX TYPES

CODE	WATER BODY COMPLEX TYPE
LAKE	Lake
WETL	Wetland

6 - AGENCIES

CODE	AGENCY
BOWR	Bowater Pulp and Paper Canada Inc.
DFO	Fisheries and Oceans Canada
DNRE	NB Dept. of Natural Resources & Energy
DOE	NB Dept. of the Environment
ENV	Environment Canada
FRAS	Fraser Papers
GRPS	Gaspereau River Enhancement Society
HRAA	Hammond River Anglers Association
IRVG	J.D. Irving Limited
KCAS	Kent County Anglers Society
MHSF	Miramichi Headwaters Salmon Federation
REPA	Repap
SFGA	Sussex Fish & Game Association
SREA	Shepody Rivers Enhancement Association
TRIV	Tri-Rivers
UNB	University of New Brunswick
ASF	Atlantic Salmon Federation
HBRI	Hill Bros. Realty & Investments Ltd.
<u>KRS</u>	Keswick River Society

7 - STREAM TYPES

STREAM TYPE CODE	STREAM TYPE	STREAM TYPE GROUP
01	Fall	Other
02	Cascade	Other
03	Gravel/Rubble Riffle	Riffle
04	Rock/Boulder Riffle	Riffle
05	Sand Riffle	Riffle
06	Sheet (Ledge)	Other
07	Chute	Other
08	Run	Run
09	Rapid	Rapid
10	Midchannel Pool	Pool
11	Convergence Pool	Pool
12	Lateral Pool	Pool
13	Beaver Dam Pool	Pool
14	Trench Pool	Pool
15	Plunge Pool	Pool
17	Bogan	Pool
18	Eddy	Pool
19	Gabion Pool	Pool
20	Log Structure Pool	Pool
21	Road Crossing	Pool
22	Wood Debris Pool	Pool
23	Manmade Dam	Pool
24	Natural Deadwater	Pool
25	Dry Streambed	Other
26	Intermittent Wet & Dry	Other

8 - STREAM CHANNEL TYPES

CODE	CHANNEL TYPE
1	Main Channel
2	Side Channel - Around Islands
3	Split - Multiple Channels
4	Bogan

10 - WATER SOURCES FOR TEMPERATURE

CODE	WATER SOURCE
1	Lake or stream being surveyed
2	Spring
3	Incoming Tributary
4	Spring Seep
5	Outlet Stream

9 - STREAM CHANNEL POSITIONS

CODE	CHANNEL POSITION
L	Left
R	Right
M	Middle

11 - EMBEDDEDNESS

CODE	EMBEDDEDNESS CATEGORY
1	<= 20%
2	20% - 35%
3	35% - 50%
4	>= 50%

12 - STREAM SURVEY COMMENT CODES

CODE	COMMENT
1	Active Beaver Dam
2	Inactive Beaver Dam
3	Woody Debris Obstruction
4	Man-made Dam Obstruction
5	Rock Dam (Swimming Pool)
6	Braided Stream Channels
7	Obstruction in Stream
8	Road Ford
9	Food Processing Industry
10	Forest Industry
11	Campsites or Residential
12	Mining
13	Litter
14	Oil
15	Agriculture Waste
16	Health Hazard
17	Clear Cut to Stream Edge
18	Selective Cut
19	Buffer Strip Present
20	Cattle Crossing
21	Erosion from Agriculture
22	Suspended Silt
23	Unusual Stream Scouring
24	Large Bedload Deposit
25	Bank Erosion - Moderate
26	Bank Erosion - Excessive
27	Stream Dredging / Bulldozing
28	Gravel Removal
29	Channelization (Riprap, etc)
30	Stream Diversion
31	Water Withdrawal
32	Regulated Stream Flow

33	Camp/Cottage Present
34	Residential Area
35	Access - ATV
36	Access - Trails
37	Access - Truck/Car
38	Access - Boat
39	Road Crossing - Bridge
40	Road Crossing - Culvert
41	Boat Landing
42	Organic Litter
43	Aquatic Plants Abundant
44	Good Spawning Area
45	Good Nursery Area

13 - NATURAL RESOURCES and ENERGY REGIONS

CODE	REGION
1	Bathurst
2	Miramichi
3	Hampton
4	Kingsclear
5	Edmundston

14 - ENVIRODAT DRAINAGE CODES

CODE	ENVIRODAT DRAINAGE UNIT
AD	
AF	
AG	
AH	
AJ	
AK	
AL	
AM	
AN	
AO	
AP	
AQ	
AR	
BA	
BB	
BC	
BE	
BJ	
BK	
BL	
BM	
BN	
BO	
BP	
BQ	
BR	
BS	
BT	
BU	
BV	

15 - WATER CHEMISTRY DATA QUALIFIERS

CODE	QUALIFIER
A	Approximate value
B	Lab error/ blunder
C	Calculated value
F	Result to follow
G	Greater than detection limit
I	Interferences present
L	Detected at a level below method detection limit
M	Missing result
N	No sample bottle received
S	Sample received in inappropriate condition
T	Trace - Estimate of value between zero and detection limit
U	Undefined
V	Insufficient volume to perform analysis

16 - FISH COUNTING FACILITIES

FACILITY ID	FISH COUNTING FACILITY
1	Dungarvon Barrier (DNRE)
2	NW Miramichi Barrier (DNRE)
3	N Br SW Miramichi (Juniper) Barrier (DNRE)
4	Bartholomew Counting Fence (DNRE)
5	Miramichi River (Millerton) Trap Net (DFO)
6	SW Miramichi Trap Net (FRO)
7	NW Miramichi Trap Net (DFO)
8	Clearwater Brook Counting Fence (IRVG)
9	Tobique Barrier (DNRE)
10	NW Upsalquitch Barrier (DNRE)
11	Jacquet River Barrier (DNRE)
12	Mactaquac Dam Lift Station (DFO)
13	Tinker Dam Fishway (DFO)
14	Nashwaak River Counting Fence (DFO)
15	St. George Fishway (DFO)
16	Kennebecasis Counting Fence (DNRE)
17	Little Main Restigouche Counting Fence (IRVG)
18	Nepisiguit River Counting Fence (DFO)
19	Rocky Brook Counting Fence (BOWR)
20	Rocky Brook Counting Fence (BOWR)
21	Hammond River Trap Net
	Catamaran Brook Counting Fence (UNB / DFO)
	Milltown Fishway (DFO)

17 - FISH SPECIES

CODE	SPECIES
01	Atlantic Salmon
02	Brook Trout
03	Arctic Char
04	Lake Trout
05	Rainbow Trout
06	Brown Trout
07	Sockeye Salmon *
08	Chinook Salmon *
09	Smallmouth Bass
10	White Perch
11	Striped Bass
12	Yellow Perch
13	Chain Pickerel
14	Brown Bullhead
15	American Smelt
16	Alewife (Gaspereau)
17	Shad
18	Lake Whitefish
19	Round Whitefish
20	American Eel
21	Burbot
22	White Sucker
23	Longnose Sucker
24	Blacknose Dace
25	Lake Chub
26	Fallfish
27	Creek Chub
28	Pearl Dace
29	Northern Redbelly Dace
30	Golden Shiner
31	Fathead Minnow
32	Common Shiner
33	Blacknose Shiner
34	Redbreast Sunfish

35	Pumpkinseed Sunfish
36	Three Spine Stickleback
37	Brook Stickleback
38	Four Spine Stickleback
39	Nine Spine Stickleback
40	Slimy Sculpin
41	Banded Killifish
42	Mummichog
43	Finescale Dace
44	Sea Lamprey
45	Atlantic Sturgeon
46	Shortnose Sturgeon
47	Muskellunge
48	Splake
49	Char-Brook Trout
50	Tiger Trout
51	Coho Salmon *
98	Other
99	Unknown

* Previously reported in New Brunswick waters as strays from other stocking programs

18 - FISH STRAINS

Atlantic Salmon (01)

CODE	STRAIN	WILD / DOMESTIC
11	Skiff Lake (Landlocked)	Wild
12	Saint John River	Wild
27	Maine	Wild
29	Chamcook Lake	Wild
30	Chamcook x Skiff	Wild
33	Landlock x Sea Run (t)	Wild
35	Rocky Brook	Wild
36	Clearwater Brook	Wild

Brook Trout (02)

CODE	STRAIN	WILD / DOMESTIC
01	Phillips	Domestic
02	Assenica	Wild
03	Tabusintac	Wild
04	Moose lake	Wild
05	Assenica x Phillips	Cross
06	Moose Lake x Phillips	Cross
22	Riley Brook	Wild
23	Northwest Miramichi	Wild
24	Nepisiquit River	Wild
25	Tabusintac x Phillips	Cross
26	NW Miramichi x Phillips	Cross
28	Peaked Mountain	Wild
34	Costigan Lake	Wild
37	Rocky Lake	Wild

Arctic Char (03)

CODE	STRAIN	WILD / DOMESTIC
15	Walton Lake	Pure Wild
16	Walton Lake	Wild

Lake Trout (04)

CODE	STRAIN	WILD / DOMESTIC
07	Clear Lake	Wild
08	Lake Superior	Domestic

Brown Trout (06)

STRAIN CODE	STRAIN	WILD / DOMESTIC
13	Loch Lomond	Wild
32	Loch Lomond (t)	Triploid

American Smelt (15)

STRAIN CODE	STRAIN	WILD / DOMESTIC
18	Skiff Lake	Wild
19	North Lake	Wild
20	Lake Utopia	Wild
21	Harvey Lake	Wild

Splake (48)

STRAIN CODE	STRAIN	WILD / DOMESTIC
09	Clear Lake x Phillips	Domestic
10	Lake Superior x Phillips	Domestic

Char-Brook Trout (49)

Strain Code	Strain	Wild / Domestic
17	Walton Lake x Phillips	Domestic

Tiger Trout (50)

Strain Code	Strain	Wild / Domestic
31	Brook Trout x Brown Trout	Domestic

19 - FISH MARKING

CODE	MARK
1	Adipose Fin Clip
2	Left Pectoral Fin Clip
3	Right Pectoral Fin Clip
4	Left Ventral Fin Clip
5	Right Ventral Fin Clip
6	Anal Fin Clip
7	Caudal Fin Clip
8	Dorsal Fin Clip
9	Carlin Tag
10	Jaw Tag
11	Spaghetti Tag
12	Strap Tag
13	Vinyl Tubing Tag
14	Anchor Tag
15	Dart Tag
16	Petersen Disc Tag
17	Brand
18	Adipose Punch
19	Caudal Punch
20	Fin Erosion
99	Other

20 - GENDER

CODE	GENDER
M	Male
F	Female
U	Unknown

21 - MATURITY

CODE	MATURITY
MAT	Mature
IMM	Immature
UNK	Unknown

24 - SAMPLING GEAR

CODE	SAMPLING GEAR
1	Fly
2	Bait
3	Lure
4	Rod (angled)
5	Gill Net
6	Trap Net
7	Barrier
8	Found Dead
9	Seine
10	Net
11	Fall Net
12	Other
13	Unknown

22 - CLASSES OF PARASITES

CODE	PARASITE CLASS	INTERNAL / EXTERNAL
TREM	Trematode	Internal or External
TAPE	Tapeworm	Internal
RNDW	Roundworm	Internal
COPE	Copepods	External
GLOC	Glochidia	External
PROT	Protozoa	External
OTHR	Other	Internal or External
UNKN	Unknown	Internal or External
NONE	None	Internal or External

23 - STOMACH CONTENTS

CODE	STOMACH CONTENTS
1	Empty
2	Insects
3	Fish
4	Fish and Insects
5	Smelts
6	Unknown
7	Other

25 - CROWN RESERVES

ID	CROWN RESERVE
1	Charlie's Rock
2	Adam's Pool
3	Squirrel Falls
4	The Narrows
5	Groundhog Landing
6	Crawford Pool
7	Sullivan Stretch
8	Depot
9	Stony Brook
10	Elbow Stretch
11	Palisades
12	Sinclair Stretch
13	Little Southwest Hook & Release
14	Lwr N Br LSW Miramichi Hook & Release
15	Cains River Hook & Release
16	Peaked Mountain Lakes
17	Kedgwick Forks
18	Lower Kedgwick
19	Lower Patapedia
20	Patapedia
21	Devil's Half Acre
22	Red Bank
23	Three Sisters
24	Larry's Gulch
25	Berry Brook
26	Crooked Rapids
27	Forks Pool
28	Northwest Upsalquitch
29	Southeast Upsalquitch
30	Jardine Brook
31	Caribou Lake
32	Craven's Gulch
33	Catt Pool

34	North Branch Kedgwick
35	Walton Lake
36	California Lake
37	Nepisiguit River

26 - COUNTY CODES

CODE	COUNTY
06	Albert
11	Carleton
02	Charlotte
15	Gloucester
08	Kent
05	Kings
13	Madawaska
09	Northumberland
04	Queens
14	Restigouche
01	Saint John
03	Sunbury
12	Victoria
07	Westmorland
10	York

27 - PARISH CODES

Albert County (06)

CODE	PARISH
001	Hopewell
004	Harvey
007	Alma
008	Elgin
011	Hillsborough
014	Coverdale

Carleton County (11)

CODE	PARISH
001	Richmond
004	Woodstock
008	Northampton
011	Brighton
014	Wakefield
018	Wilmot
021	Simonds
024	Peel
026	Aberdeen
028	Kent
031	Wicklow

Charlotte County (02)

CODE	PARISH
001	Grand Manan
004	Campobello
006	West Isles
008	Lepreau
011	Pennfield
014	Clarendon
016	Saint George
021	Saint Patrick
024	Saint Andrews
028	Saint Croix
031	Dufferin
034	Saint Stephen
039	Saint James
042	Saint David
044	Dumbarton

Gloucester County (15)

CODE	PARISH
001	Saumarez
006	Allardville
008	Bathurst
012	Beresford
016	New Bandon
019	Paquetville
021	Saint-Isidore
024	Inkerman
026	Caraquet
029	Shippagan

Kent County (08)

CODE	PARISH
001	Dundas
004	Wellington
006	Saint Mary
008	Saint-Paul
011	Harcourt
011*	Huskisson
014	Weldford
016	Richibucto
019	Saint-Charles
021	Saint-Louis
024	Acadieville
026	Carleton

Madawaska County (13)

CODE	PARISH
001	Saint-Andre
004	Saint-Leonard
008	Notre-Dame-de-Lourdes
011	Saine-Anne
015	Riviere-Verte
018	Saint-Basile
022	Sainte-Joseph
024	Saint-Jacques
028	Madawaska
032	Saint-Hilaire
034	Baker Brook
036	Lac-Baker
038	Clair
041	Saint-Francois

Kings County (05)

CODE	PARISH
001	Hammond
004	Upham
006	Hampton
008	Rothsay
011	Westfield
014	Kingston
016	Norton
021	Sussex
024	Waterford
026	Cardwell
028	Havelock
031	Studholm
034	Springfield
036	Kars
038	Greenwich

Northumberland County (09)

CODE	PARISH
001	Hardwicke
004	Glenelg
006	Chatham
011	Derby
014	Nelson
016	Rogersville
018	Blackville
021	Blissfield
024	Ludlow
026	Southesk
028	Northesk
031	Newcastle
036	Alnwick

Queens County (04)

CODE	PARISH
001	Petersville
004	Gagetown
006	Hampstead
008	Wickham
011	Cambridge
014	Johnston
016	Brunswick
018	Waterborough
021	Canning
024	Chipman

Restigouche County (14)

CODE	PARISH
001	Durham
003	Colborne
005	Balmoral
008	Dalhousie
012	Addington
016	Eldon
018	Grimmer
021	Saint-Quentin

Saint John County (01)

CODE	PARISH
001	Saint Martins
004	Simonds
016	Musquash

Sunbury County (03)

CODE	PARISH
001	Blissville
004	Gladstone
008	Lincoln
011	Burton
014	Sheffield
016	Maugerville
018	Northfield

Victoria County (12)

CODE	PARISH
001	Andover
004	Perth
008	Gordon
011	Lorne
014	Denmark
016	Grand Falls
021	Drummond

Westmorland County (07)

CODE	PARISH
001	Westmorland
004	Botsford
008	Sackville
011	Dorchester
016	Shediac
019	Moncton
024	Salisbury

York County (10)

CODE	PARISH
001	New Maryland
004	Manners Sutton
007	McAdam
008	North Lake
011	Canterbury
014	Dumfries
016	Prince William
018	Kingsclear
021	Queensbury
024	Southampton
026	Bright
028	Douglas
031	Saint Marys
036	Stanley
