

## NB Lakes Program Data

### ELG15

#### - Variable List -

*Disclaimer: This variable list is not a final product but is intended to provide information about the variables in this data set while a codebook is being developed. Due to the ongoing nature of this work, NB-IRDT makes no guarantee that the information herein is complete.*

| name         | type | length | label                        |
|--------------|------|--------|------------------------------|
| DATE_TIME    | char | 19     | SAMPLE DATE                  |
| STATION_ID   | num  | 8      | STATION ID                   |
| STATION_NAME | char | 46     | STATION NAME                 |
| LATITUDE     | num  | 8      | LATITUDE OF THE STATION      |
| LONGITUDE    | num  | 8      | LONGITUDE OF THE STATION     |
| YEAR         | num  | 8      | YEAR OF SAMPLE               |
| DEPTH_M      | num  | 8      | DEPTH AT SAMPLE TAKEN        |
| AG           | num  | 8      | SILVER                       |
| AG_FLAG      | char | 1      | SILVER DATA FLAG             |
| AG_SOURCE    | char | 7      | SILVER SOURCE                |
| AL           | num  | 8      | ALUMINUM                     |
| AL_SOURCE    | char | 7      | ALUMINUM SOURCE              |
| ALK_G        | num  | 8      | ALKALINITY - GRANS           |
| ALK_G_SOURCE | char | 7      | SOURCE OF ALKALINITY - GRANS |
| ALK_T        | num  | 8      | ALKALINITY - TOTAL           |
| ALK_T_SOURCE | char | 7      | ALKALINITY - TOTAL SOURCE    |
| AS           | num  | 8      | ARSENIC                      |
| AS_FLAG      | char | 1      | ARSENIC DATA FLAG            |
| AS_SOURCE    | char | 7      | ARSENIC SOURCE               |
| B            | num  | 8      | BORON                        |
| B_FLAG       | char | 1      | BORON DATA FLAG              |
| B_SOURCE     | char | 7      | BORON SOURCE                 |
| BA           | num  | 8      | BARIUM                       |
| BA_FLAG      | char | 1      | BARIUM DATA FLAG             |
| BA_SOURCE    | char | 7      | BARIUM SOURCE                |
| BE_X         | num  | 8      | BERYLLIUM                    |
| BE_X_FLAG    | char | 1      | BERYLLIUM DATA FLAG          |
| BE_X_SOURCE  | char | 7      | BERYLLIUM SOURCE             |
| BI           | num  | 8      | BISMUTH                      |

|                   |      |   |                                 |
|-------------------|------|---|---------------------------------|
| BI_FLAG           | char | 1 | BISMUTH DATA FLAG               |
| BI_SOURCE         | char | 7 | BISMUTH SOURCE                  |
| BR                | num  | 8 | BROMIDE                         |
| BR_FLAG           | char | 1 | BROMIDE DATA FLAG               |
| BR_SOURCE         | char | 7 | BROMIDE SOURCE                  |
| BR2               | num  | 8 | BROMINE                         |
| BR2_FLAG          | char | 1 | BROMINE DATA FLAG               |
| BR2_SOURCE        | char | 7 | BROMINE SOURCE                  |
| CA                | num  | 8 | CALCIUM                         |
| CA_SOURCE         | char | 7 | CALCIUM SOURCE                  |
| CD                | num  | 8 | CADMIUM                         |
| CD_FLAG           | char | 1 | CADMIUM DATA FLAG               |
| CD_SOURCE         | char | 7 | CADMIUM SOURCE                  |
| CHL_A             | num  | 8 | CHLOROPHYLL - A                 |
| CHL_A_FLAG        | char | 1 | CHLOROPHYLL - A DATA FLAG       |
| CHL_A_SOURCE      | char | 7 | CHLOROPHYLL - A SOURCE          |
| CL                | num  | 8 | CHLORIDE                        |
| CL_FLAG           | char | 1 | CHLORIDE DATA FLAG              |
| CL_SOURCE         | char | 7 | CHLORIDE SOURCE                 |
| CLRA              | num  | 8 | COLOUR                          |
| CLRA_FLAG         | char | 1 | COLOUR DATA FLAG                |
| CLRA_SOURCE       | char | 7 | COLOUR SOURCE                   |
| CLRT              | num  | 8 | COLOUR (TCU)                    |
| CLRT_FLAG         | char | 1 | COLOUR (TCU) DATA FLAG          |
| CLRT_SOURCE       | char | 7 | COLOUR (TCU) SOURCE             |
| CO                | num  | 8 | COBALT                          |
| CO_FLAG           | char | 1 | COBALT DATA FLAG                |
| CO_SOURCE         | char | 7 | COBALT SOURCE                   |
| COND_FIELD        | num  | 8 | CONDUCTIVITY FIELD              |
| COND_LAB          | num  | 8 | CONDUCTIVITY LAB                |
| COND_LAB_SOURCE   | char | 7 | CONDUCTIVITY LAB SOURCE         |
| CR                | num  | 8 | CHROMIUM                        |
| CR_FLAG           | char | 1 | CHROMIUM DATA FLAG              |
| CR_SOURCE         | char | 7 | CHROMIUM SOURCE                 |
| CU                | num  | 8 | COPPER                          |
| CU_FLAG           | char | 1 | COPPER DATA FLAG                |
| CU_SOURCE         | char | 7 | COPPER SOURCE                   |
| DOC               | num  | 8 | DISSOLVED ORGANIC CARBON        |
| DOC_SOURCE        | char | 7 | DISSOLVED ORGANIC CARBON SOURCE |
| DO_FIELD          | num  | 8 | DISSOLVED OXYGEN FIELD          |
| E_COLI_MPN        | num  | 8 | E.COLI MPN                      |
| E_COLI_MPN_FLAG   | char | 1 | E.COLI MPN DATA FLAG            |
| E_COLI_MPN_SOURCE | char | 7 | E.COLI MPN SOURCE               |

|                   |      |   |                              |
|-------------------|------|---|------------------------------|
| F                 | num  | 8 | FLUORIDE                     |
| F_FLAG            | char | 1 | FLUORIDE DATA FLAG           |
| F_SOURCE          | char | 7 | FLUORIDE SOURCE              |
| FE                | num  | 8 | IRON                         |
| FE_FLAG           | char | 1 | IRON DATA FLAG               |
| FE_SOURCE         | char | 7 | IRON SOURCE                  |
| HARD              | num  | 8 | HARDNESS                     |
| HARD_SOURCE       | char | 7 | HARDNESS SOURCE              |
| HG                | num  | 8 | MERCURY                      |
| HG_FLAG           | char | 1 | MERCURY DATA FLAG            |
| HG_SOURCE         | char | 7 | MERCURY SOURCE               |
| K                 | num  | 8 | POTASSIUM                    |
| K_SOURCE          | char | 7 | POTASSIUM SOURCE             |
| LI                | num  | 8 | LITIUM                       |
| LI_SOURCE         | char | 7 | LITIUM SOURCE                |
| MG                | num  | 8 | MAGNESIUM                    |
| MG_SOURCE         | char | 7 | MAGNESIUM SOURCE             |
| MN                | num  | 8 | MANGANESE                    |
| MN_FLAG           | char | 1 | MANGANESE DATA FLAG          |
| MN_SOURCE         | char | 7 | MANGANESE SOURCE             |
| MO                | num  | 8 | MOLYBDENUM                   |
| MO_FLAG           | char | 1 | MOLYBDENUM DATA FLAG         |
| MO_SOURCE         | char | 7 | MOLYBDENUM SOURCE            |
| NA                | num  | 8 | SODIUM                       |
| NA_SOURCE         | char | 7 | SODIUM SOURCE                |
| NH3T              | num  | 8 | AMMONIA - TOTAL              |
| NH3T_FLAG         | char | 1 | AMMONIA - TOTAL DATA FLAG    |
| NH3T_SOURCE       | char | 7 | AMMONIA - TOTAL SOURCE       |
| NH3_UN_ION        | num  | 8 | UN-IONIZED AMMONIA           |
| NH3_UN_ION_FLAG   | char | 1 | UN-IONIZED AMMONIA DATA FLAG |
| NH3_UN_ION_SOURCE | char | 7 | UN-IONIZED AMMONIA SOURCE    |
| NI                | num  | 8 | NICKEL                       |
| NI_FLAG           | char | 1 | NICKEL DATA FLAG             |
| NI_SOURCE         | char | 7 | NICKEL SOURCE                |
| NO2               | num  | 8 | NITROGEN DIOXIDE             |
| NO2_FLAG          | char | 1 | NITROGEN DIOXIDE DATA FLAG   |
| NO2_SOURCE        | char | 7 | NITROGEN DIOXIDE SOURCE      |
| NO3               | num  | 8 | NITRATE                      |
| NO3_FLAG          | char | 1 | NITRATE DATA FLAG            |
| NO3_SOURCE        | char | 7 | NITRATE SOURCE               |
| PB                | num  | 8 | LEAD                         |
| PB_FLAG           | char | 1 | LEAD DATA FLAG               |
| PB_SOURCE         | char | 7 | LEAD SOURCE                  |

|                 |      |   |                                   |
|-----------------|------|---|-----------------------------------|
| PH_FIELD        | num  | 8 | PH FIELD DATA                     |
| PH_LAB          | num  | 8 | PH LAB DATA                       |
| PH_LAB_SOURCE   | char | 7 | PH LAB SOURCE                     |
| RB              | num  | 8 | RUBIDIUM                          |
| RB_SOURCE       | char | 7 | RUBIDIUM SOURCE                   |
| SB              | num  | 8 | ANTIMONY                          |
| SB_FLAG         | char | 1 | ANTIMONY DATA FLAG                |
| SB_SOURCE       | char | 7 | ANTIMONY SOURCE                   |
| SE              | num  | 8 | SELENIUM                          |
| SE_FLAG         | char | 1 | SELENIUM DATA FLAG                |
| SE_SOURCE       | char | 7 | SELENIUM SOURCE                   |
| SECCHIDEP_FIELD | num  | 8 |                                   |
| SN              | num  | 8 | TIN                               |
| SN_FLAG         | char | 1 | TIN DATA FLAG                     |
| SN_SOURCE       | char | 7 | TIN SOURCE                        |
| SO4             | num  | 8 | SULPHATE                          |
| SO4_FLAG        | char | 1 | SULPHATE DATA FLAG                |
| SO4_SOURCE      | char | 7 | SULPHATE SOURCE                   |
| SR              | num  | 8 | STRONTIUM                         |
| SR_SOURCE       | char | 7 | STRONTIUM SOURCE                  |
| SS              | num  | 8 | SUSPENDED SOLIDS                  |
| SS_FLAG         | char | 1 | SUSPENDED SOLIDS DATA FLAG        |
| SS_SOURCE       | char | 7 | SUSPENDED SOLIDS SOURCE           |
| TC_MPN          | num  | 8 | TOTAL COLIFORMS - MPN             |
| TC_MPN_SOURCE   | char | 1 | TOTAL COLIFORMS - MPN SOURCE      |
| TDS_FIELD       | char | 7 | TOTAL DISSOLVED SOLIDS FIELD DATA |
| TE              | num  | 8 | TELLURIUM                         |
| TE_FLAG         | char | 1 | TELLURIUM DATA FLAG               |
| TE_SOURCE       | char | 7 | TELLURIUM SOURCE                  |
| TEMP_FIELD      | num  | 8 | WATER TEMPERATURE DATA            |
| TKN             | num  | 8 | TOTAL KJELDAHL NITROGEN           |
| TKN_FLAG        | char | 1 | TOTAL KJELDAHL NITROGEN DATA FLAG |
| TKN_SOURCE      | char | 7 | TOTAL KJELDAHL NITROGEN SOURCE    |
| TL              | num  | 8 | THALLIUM                          |
| TL_FLAG         | char | 1 | THALLIUM DATA FLAG                |
| TL_SOURCE       | char | 7 | THALLIUM SOURCE                   |
| TN              | num  | 8 | TOTAL NITROGEN                    |
| TN_FLAG         | char | 1 | TOTAL NITROGEN DATA FLAG          |
| TN_SOURCE       | char | 7 | TOTAL NITROGEN SOURCE             |
| TOC             | num  | 8 | TOTAL ORGANIC CARBON              |

|             |      |   |                                  |
|-------------|------|---|----------------------------------|
| TOC_FLAG    | char | 1 | TOTAL ORGANIC CARBON DATA FLAG   |
| TOC_SOURCE  | char | 7 | TOTAL ORGANIC CARBON SOURCE      |
| TP_L        | num  | 8 | TOTAL PHOSPHORUS - LOW           |
| TP_L_FLAG   | char | 1 | TOTAL PHOSPHORUS - LOW DATA FLAG |
| TP_L_SOURCE | char | 7 | TOTAL PHOSPHORUS - LOW SOURCE    |
| TURB        | num  | 8 | TURBIDITY                        |
| TURB_FLAG   | char | 1 | TURBIDITY DATA FLAG              |
| TURB_SOURCE | char | 7 | TURBIDITY SOURCE                 |
| U           | num  | 8 | URANIUM                          |
| U_FLAG      | char | 1 | URANIUM DATA FLAG                |
| U_SOURCE    | char | 7 | URANIUM SOURCE                   |
| V           | num  | 8 | VANADIUM                         |
| V_FLAG      | char | 1 | VANADIUM DATA FLAG               |
| V_SOURCE    | char | 7 | VANADIUM SOURCE                  |
| ZN          | num  | 8 | ZINC                             |
| ZN_FLAG     | char | 1 | ZINC DATA FLAG                   |
| ZN_SOURCE   | char | 7 | ZINC SOURCE                      |

## Document History

| Version | Author        | Nature of Change     | Date       |
|---------|---------------|----------------------|------------|
| 1.0     | NB-IRDT Staff | Creation of Document | April 2025 |