

Regulated Drinking Water Data

ELG12

- 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.

Table 1: Station Information and Metadata

Variable Name	Variable Description	Variable Type
STATION_ID	ID assigned to a station	STATION_ID
STATION_NAME	Name of the station	STATION_NAME
STATION_CWA_SID	Clean Water Act ID assigned to a station	STATION_CWA_SID
STATION_PID	Property ID of the station	STATION_PID
LATITUDE	Latitude of the station	LATITUDE
LONGITUDE	Longitude of the station	LONGITUDE
STATION_TYPE	Ground or surface water (distribution/source)	STATION_TYPE
STATION_CATEGORY	Distribution System Sites, Water Treatment Facilities, Raw Water etc.	STATION_CATEGORY
STATION_GROUP	Municipality/Crown/School/Other	STATION_GROUP
LAB_NAME	Lab where sample tested	LAB_NAME
SITE_NAME	Name of the site	SITE_NAME
SAMPLE_DATE	Sample date	SAMPLE_DATE
SAMPLE_ID	ID assigned to a sample	SAMPLE_ID
YEAR	Year from Sample date column	YEAR
SAMPLE_LOCATION	Zone information	SAMPLE_LOCATION
SAMPLE_ADDRESS	Address where sample taken	SAMPLE_ADDRESS
GUDI_WELL	If groundwater under the direct influence of surface water	GUDI_WELL

Table 2: Parameters that are a Sampling Plan Requirement for Municipalities/Crowns Systems:

Variable Name	Variable Description	Variable Type
1_2_DCBENZ	1,2-Dichlorobenzene	1_2_DCBENZ
1_2_DCE	1,2-Dichloroethane	1_2_DCE
1_4_DCBENZ	1,4-Dichlorobenzene	1_4_DCBENZ
5CL_PHENOL	Pentachlorophenol	5CL_PHENOL
AL	Aluminum	AL

AS	Arsenic	AS
B	Boron	B
B_A_P	Benzo(a)pyrene	B_A_P
BA	Barium	BA
BENZENE	Benzene	BENZENE
BROMOFORM	Bromoform	BROMOFORM
CARBONTET	Carbon tetrachloride	CARBONTET
CD	Cadmium	CD
CHLOROFORM	Chloroform	CHLOROFORM
CR	Chromium	CR
CU	Copper	CU
DCM	Dichloromethane	DCM
DIBROMOCHL	Dibromochloromethane	DIBROMOCHL
DICHLOROBR	Bromodichloromethane	DICHLOROBR
E_COLI_MPN	E. coli - MPN	E_COLI_MPN
E_COLI_P_A	E. coli - P/A	E_COLI_P_A
EC_MF	E. coli - counts	EC_MF
ETHYLBENZ	Ethylbenzene	ETHYLBENZ
F	Fluoride	F
FE	Iron	FE
HG	Mercury	HG
MN	Manganese	MN
NO3	Nitrate	NO3
PB	Lead	PB
PCE	Tetrachloroethylene	PCE
SB	Antimony	SB
SE	Selenium	SE
SPC_HPC	Standard/Heterotrophic Plate	SPC_HPC
T_XYLENE	Total Xylenes	T_XYLENE
TC_MF	Total Coliform - MF	TC_MF
TC_MPN	Total Coliforms - MPN	TC_MPN
TC_P_A	Total Coliform - P/A	TC_P_A
TCE	Trichloroethylene	TCE
THMS	Total Trihalomethanes	THMS
TL	Thallium	TL
TOLUENE	Toluene	TOLUENE
TURB	Turbidity	TURB
U	Uranium	U
VINYL_CHLO	Vinyl Chloride	VINYL_CHLO

Table 3: Parameters outside the sampling requirements and not categorized (tagged as Other) in the dataset:

Variable Name	Variable Description	Variable Type
ALK_G	Alkalinity - grans	ALK_G
ALK_T	Alkalinity - total	ALK_T
BR	Bromide	BR
CA	Calcium	CA

CALC_SIN	Saturation Index	CALC_SIN
CL	Chloride	CL
COND	Conductivity	COND
FC_MF	Faecal Coliform - MF	FC_MF
HARD	Hardness	HARD
K	Potassium	K
LSI	Langelier Index (@ 5 C)	LSI
MG	Magnesium	MG
NA	Sodium	NA
NO2	Nitrite	NO2
NO3_N	Nitrate as N	NO3_N
NOX	Nitrite/Nitrate	NOX
PH	pH	PH
SO4	Sulphate	SO4
ZN	Zinc	ZN

Table 4: Paraments outside the sampling requirements and not categorized (tagged as Other) in the dataset:

Variable Name	Variable Description	Variable Type
1_1_DCETHY	1,1-Dichloroethylene	1_1_DCETHY
1_2_DICHLO	1,2-Dichlorobenzene-D4	1_2_DICHLO
1234678CDD	1,2,3,4,6,7,8-HpCDD	1234678CDD
1234678CDF	1,2,3,4,6,7,8-HpCDF	1234678CDF
123478CDD	1,2,3,4,7,8-HxCDD	123478CDD
123478CDF	1,2,3,4,7,8-HxCDF	123478CDF
123678CDD	1,2,3,6,7,8-HxCDD	123678CDD
123678CDF	1,2,3,6,7,8-HxCDF	123678CDF
123789CDD	1,2,3,7,8,9-HxCDD	123789CDD
123789CDF	1,2,3,7,8,9-HxCDF	123789CDF
12378CDD	1,2,3,7,8-PeCDD	12378CDD
12378CDF	1,2,3,7,8-PeCDF	12378CDF
2_4_DDD	2,4-DDD	2_4_DDD
2_4_DDE	2,4-DDE	2_4_DDE
2_4_DDT	2,4-DDT	2_4_DDT
234678CDF	2,3,4,6,7,8-HxCDF	234678CDF
23478CDF	2,3,4,7,8-PeCDF	23478CDF
2378CDD	2,3,7,8-TCDD	2378CDD
2378CDF	2,3,7,8-TCDF	2378CDF
4_4_DDD	4,4-DDD	4_4_DDD
4_4_DDE	4,4-DDE	4_4_DDE
4_4_DDT	4,4-DDT	4_4_DDT
4_BFBZHCFC	4-Bromofluorobenzene-HCFC	4_BFBZHCFC
4_BFBZMTBE	4-Bromofluorobenzene-MTBE	4_BFBZMTBE
ACD	Acidity	ACD
ACD_G	Acidity - grans (old)	ACD_G
ACENAPHTH	Acenaphthene	ACENAPHTH
ACENAPHTHY	Acenaphthylene	ACENAPHTHY

AG	Silver	AG
ALK_P	Alkalinity - phenol	ALK_P
ANTHRACENE	Anthracene	ANTHRACENE
BE_X	Beryllium	BE_X
BENZO_A	Benzo(a)anthracene	BENZO_A
BENZO_K	Benzo(k)fluoranthene	BENZO_K
BGB	Background Bacteria	BGB
BI	Bismuth	BI
BOD	Biological Oxygen Demand	BOD
BR2	Bromine	BR2
BRCAA	Bromochloroacetic acid	BRCAA
C03	Alkalinity (carbonate, as CaCO3)	C03
CALC_4_BFBENZ	z4-Bromofluorobenzene	CALC_4_BFBENZ
CALC_AN	Total Anions	CALC_AN
CALC_B	@B	CALC_B
CALC_C	@C	CALC_C
CALC_C13_5CLPH	zPentachlorophenol-C13	CALC_C13_5CLPH
CALC_CAT	Total Cations	CALC_CAT
CALC_CO3	Carbonate	CALC_CO3
CALC_COND	Conductivity - calculated	CALC_COND
CALC_D12_B_A_P	zBenzo(a)pyrene-D12	CALC_D12_B_A_P
CALC_D4_12DCB	z1,2-Dichlorobenzene	CALC_D4_12DCB
CALC_DIFB	% Difference Cation/Anion Bal	CALC_DIFB
CALC_DIFC	% difference Calc-TDS and TDS	CALC_DIFC
CALC_DIFTDS	% difference Calc-COND & COND	CALC_DIFTDS
CALC_DOTRIACON	Dotriacontane - Extractable	CALC_DOTRIACON
CALC_HCO3	Bicarbonate	CALC_HCO3
CALC_IB	Ion Balance	CALC_IB
CALC_ISOB_EXT	Isobutylbenzene - Extractable	CALC_ISOB_EXT
CALC_ISOB_VOL	Isobutylbenzene - Volatile	CALC_ISOB_VOL
CALC_OH	Hydroxide	CALC_OH
CALC_TDS	Total Dissolved Solids - calcu	CALC_TDS
CHRYSENE	Chrysene	CHRYSENE
CIO3	Chlorate	CIO3
CL2_FREE	Chlorine, Free	CL2_FREE
CL2_RES	Chlorine, Residual	CL2_RES
CLRA	Colour	CLRA
CLRT	Colour (TCU)	CLRT
CN	Cyanide	CN
CO	Cobalt	CO
D10_PHENAN	Phenanthrene-D10	D10_PHENAN
D412DCBHCF	1,2-Dichlorobenzene-D4-HCFC	D412DCBHCF
D412DCBMTB	1,2-Dichlorobenzene-D4-MTBE	D412DCBMTB
D8_NAPTH	Naphthalene-D8	D8_NAPTH
DIBRAA	Dibromoacetic acid	DIBRAA
DICAA	Dichloroacetic acid	DICAA

DIFF_DIFFCOND	Conductivity % difference	DIFF_DIFFCOND
DOC	Dissolved Organic Carbon	DOC
ENT_MPN	Enterococcus (Streptococcus)	ENT_MPN
FLUORANTH	Fluoranthene	FLUORANTH
FLUORENE	Fluorene	FLUORENE
GEOSMIN	Geosmin	GEOSMIN
HAA5	Haloacetic acids 5 / HAA5	HAA5
HAA6	Haloacetic acids 6 / HAA6	HAA6
HC_C10_C21	Middle Range - HC (C10 - <C21)	HC_C10_C21
HC_C21_C28	Heavy Range - HC (C21 - C28)	HC_C21_C28
HC_C6_C10	Light Range - HC (C6 - <C10)	HC_C6_C10
HCFC	1-Chloro-1,1-Difluoroethane	HCFC
HCO3	Alkalinity (bicarbonate, as CaCO3)	HCO3
LI	Lithium	LI
LSI20	Langelier Index (@ 20 C)	LSI20
M&P_XYLENE	M&P-Xylenes	M&P_XYLENE
MIB_2_METH	MIB - 2-Methylisoborneol	MIB_2_METH
MO	Molybdenum	MO
MONOBRAA	Monobromoacetic acid	MONOBRAA
MONOCOA	Monochloroacetic acid	MONOCOA
MTBE	Methyl tert-Butyl Ether	MTBE
NAPHTHAL	Naphthalene	NAPHTHAL
NH3T	Ammonia - Total (as N)	NH3T
NI	Nickel	NI
O_P	Ortho-Phosphate as P	O_P
O_PO4	Ortho-Phosphate	O_PO4
O_XYLENE	O-Xylene	O_XYLENE
OCDD	OCDD	OCDD
OCDF	OCDF	OCDF
OH	Alkalinity (hydroxide, as CaCO3)	OH
PCB	PCBs	PCB
PHENANTH	Phenanthrene	PHENANTH
PHS	Saturation pH (@ 5 C)	PHS
PHS20	Saturation pH (@ 20 C)	PHS20
PHS4	Saturation pH (@ 4 C)	PHS4
PM	Particulate Matter	PM
PSEUDO	Pseudomonas	PSEUDO
PYRENE	Pyrene	PYRENE
RB	Rubidium	RB
RN	Radon	RN
SI	Silicon	SI
SI_R	Reactive Silica	SI_R
SILICADIS	Silicon (dissolved, as SiO2)	SILICADIS
SIMAZINE	Simazine	SIMAZINE
SN	Tin	SN
SR	Strontium	SR

SS	Suspended Solids, Total	SS
SULPHIDE	Sulphide	SULPHIDE
T&L	Tannins & Lignins(Tannic Acid)	T&L
T1_C10_C21	Middle Range - T1 (>C10 - C21)	T1_C10_C21
T1_C21_C32	Heavy Range - T1 (>C21 - <C32)	T1_C21_C32
T1_C6_C10	Light Range - T1 (C6 - C10)	T1_C6_C10
T1_TPH_MOD	Modified Total Petroleum Hydrocarbons - Tier 1	T1_TPH_MOD
TDS	Total Dissolved Solids	TDS
TE	Tellurium	TE
TI	Titanium	TI
TKN	Total Kjeldahl Nitrogen	TKN
TKNDIS	Dissolved Kjeldahl Nitrogen	TKNDIS
TN	Total Nitrogen	TN
TOC	Total Organic Carbon	TOC
TP	Total Phosphorus	TP
TP_L	Total Phosphorus - Low	TP_L
TPH	Total Petroleum Hydrocarbons	TPH
TPH_BTEX	Modified Petroleum Hydrocarbon	TPH_BTEX
TRICAA	Trichloroacetic acid	TRICAA
TS	Total Solids	TS
UVT254	UV Transmittance @ 254 nm	UVT254
V	Vanadium	V

Document History

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