

CBM Data Submission

Bulk file transfers can be sent via ftp to <ftp://env.gov.ab.ca/pub/in.coming>

Please notify Alberta Environment with a message to CBMBaseline.Testing@gov.ab.ca to let us know the name of the file you have submitted.

If you have problems or questions, please let us know through the same email, or the contact information from the spreadsheet template.

CBM Text File

For the CBM Importing tool to function properly the text file must follow the formatting rules below. It consists of a header and a body containing the data.

Text File Format

The Header:

Every text file begins with a header that starts with a date and descriptive information about the file. It must specify the version of CBM template that was used to build the CBM Text File. The example text file below indicates that it's compatible with CBM template version 1.3. The header information is not imported into the CMB database but the header is used to verify the version of the template.

The Body:

This contains the information to be imported into the database. The body of a text file starts with the word START and stops with the word END. Every line between the Start and the End, begins with a label that correspond to the label found in the MS Excel Template version you are using. The label is followed by the data that corresponds to the data cells in the row of the MS Excel Template. A comma must separate the data items. The label, text data, and date & time data are to be placed in double quotes, numeric data does not require quotes. To add an empty field (or null value) add a comma with nothing before it. Example,, is an empty field.

Since the delimiter is the coma, commas should be removed from any numeric values. For example use 1000 instead of 1,000 because with the comma, the number is now seen as two fields of 1 and 000.

Text Fields:

Within quotes with **no embedded carriage returns**, so the text is all on one line (e.g. "Using the Oak Gas Collection flow has been completed")

The CBM Importing tool uses quotation marks as start and end points for text fields.

Using quotation marks within the body of the text field will cause the importing tool to stop loading the data. Do not use quotation marks within the text fields.

Data Type Specific Formatting:

Date Format:

“CCYY-mmm-DD” (e.g. “1957-Feb-01”)

A complete text file example follows:

1/28/2009

CBM Text File for Alberta Environment.

CBM Template Version: 2.0

Start

"A-01", "CBM Development"

"A-02", "Above"

"A-03", "Pre-Test"

"A-04", "No"

"A-05", "Hockey Resources Ltd."

"A-06", "12/8/2009"

"A-07", "Martin", "Brodeur"

"A-08", "PO Box 34"

"A-09", "12345 - 23 Avenue"

"A-10", "Hockeyville"

"A-11", "New Jersey"

"A-12", "USA"

"A-13", "90210"

"A-14", "7805554040"

"A-15", "Dwayne", "Roloson"

"A-16", "PO Box 21"

"A-17", "RR 21"

"A-18", "Redwater"

"A-19", "H0H0H0"

"A-20", "7805553131"

"A-21",

"B-01", "1112525"

"B-02", "ttt666"

"B-03", "NW25-52-22-W4"

"B-04", "52.006665,-113.222656,1256.00"

"B-05", "200m north of house on west side of barn"

"B-06", "Domestic and Agricultural (stock, irrigation)"

"B-07", "2008"

"B-08", "52, "metres"

"B-09", "Yes"

"C-01", "Jimi", "Hendrix"

"C-02", "E525555"

"C-03", "Guitar Consulting Inc."

"C-04", "7805552522"

"C-05", "Steven", "Tyler"

"C-06", "BSc EM"

"C-07", "Aerosmith Consulting Ltd."
"C-08", 7805551313
"C-09", "Steve", "Vai"
"C-10", "BSc"
"C-11", "Aerosmith Consulting Ltd."
"C-12", 7805559999
"D-01", "Yes"
"D-02", "Well inaccessible", 15.25
"D-03", -2.5
"D-04", "TOC"
"D-05", "11.5"
"D-06", "No"
"D-07", "No"
"D-08", "Could not disconnect"
"D-09", 15, "L/min"
"D-10", "The well was dirty and had lots of gas."
"E-01", "Yes"
"E-02", 15.15
"E-03", 200.50
"E-04", 2.5
"E-05", "at tap on north side of house"
"E-06", "Yes"
"F-001", 0, 11.5, 15, 0, 2
"F-002", 0.5, 11.5, 15, 0.5, 23.5
"F-003", 1.5, 11.5, 15, 1.5, 23.5
"F-004", 2.5, 11.5, 15, 2.5, 23.1
"F-005", 3.5, 11.5, 15, 3.5, 22.9
"F-006", 4.5, 11.5, 15, 4.5, 22.8
"F-007", 5.5, 11.5, 15, 5.5, 22.5
"F-008", 6.5, 11.5, 15, 6.5, 21.5
"F-009", 7.5, 11.5, 15, 7.5, 20.8

.
<Continuing on down to F-400. Only put in the actual number of rows required for dataset.>

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"F-400", 225.5, 23.5, 15, 225.5, 11.5
"G-01", ">2555", "µS/cm"
"G-02", 99, "%"
"G-03", 8.41, "pH"
"G-04", 9.35, "°C"
"G-05", "Clear with slight reddish tinge."
"G-06", "Smells slightly of hydrogen sulfide (Rotten egg odour)"
"G-07", "Small amount of black sediment in bottom of sample."
"G-08", "Does not appear to be turbid. Looks clear."
"G-09", "None"
"H-01", "Environmental Lab", "Calgary"

"H-02", "GG4484584"
"H-03", "12/9/2009"
"H-04", "at tap"
"H-05", "Sample taken after 30 minutes of pumping "
"I-01", "Bicarbonate ",22,"mg/L",99,
"I-02", "Calcium ",12,"mg/L",6,
"I-03", "Carbonate ",3,"mg/L",6,
"I-04", "Chloride ",3,"mg/L",6,
"I-05", "Colour",3,"CU",6,
"I-06", "Electrical Conductivity",55,"µS/cm",6,
"I-07", "Fluoride", "<7", "mg/L",6,
"I-08", "Hydroxide", "<7", "mg/L",6,
"I-09", "Ionic Balance", "95", "%",6,
"I-10", "Iron",4,"mg/L",6,
"I-11", "Iron (Total)",4,"mg/L",6,
"I-12", "Magnesium ",4,"mg/L",6,
"I-13", "Manganese ",4,"mg/L",6,
"I-14", "Manganese (total)",4,"mg/L",6,
"I-15", "Nitrate as Nitrogen",<.025,"mg/L",6,
"I-16", "Nitrite + Nitrate as Nitrogen",4,"mg/L",6,
"I-17", "Nitrite as Nitrogen",4,"mg/L",6,
"I-18", "pH",4,"pH units",6,
"I-19", "Potassium ",4,"mg/L",6,
"I-20", "Sodium ",4,"mg/L",6,
"I-21", "Sulphate ",4,"mg/L",6,
"I-22", "Temperature of sample upon receipt by lab",4,"oC",6,
"I-23", "Total alkalinity",4,"mg/L",6,
"I-24", "Total dissolved solids",4,"mg/L",6,
"I-25", "Total hardness",4,"mg/L",6,
"I-26", "Turbidity",4,"NTU",6,
"I-27", "Methane (Dissolved),5,"mg/L",6,
"I-28" ,,,, ,
"I-29" ,,,, ,
"I-30" ,,,, ,
"I-31", "The sample was leaking when received at the lab. There are lots of exceedances."
"J-01", "ee225556564"
"J-02", "Environmental Lab", "Calgary"
"K-01", "Iron Related Bacteria:", "250000", "cfu/mL", "BART TEST KIT"
"K-02", "Sulphate Reducing Bacteria:", "110200", "cfu/mL", "BART TEST KIT"
"K-03", "Total Coliforms:", "24", "mpn/100mL", "BART TEST KIT"
"K-04", "Eschereria coli:", "<1", "cfu/100mL", "BART TEST KIT"
"K-05", "Fecal Coliforms", <1, "cfu/100mL", "BART TEST KIT"
"K-06", "Slime Bacteria", 25000, cfu/mL, "BART TEST KIT"
"K-07" ,,,, ,
"K-08" ,,,, ,

"K-09", "Sample was received at room temperature. Bacterial colonies were Estimated. The well was dirty and had lots of gas."

"L-01", "65775747"

"L-02", "Environmental Lab", "Calgary"

"L-03", "Nitrogen:", "500,100,

"L-04", "Oxygen:", "500,100,

"L-05", "Carbon Dioxide:", "500,100,

"L-06", "Methane:", "85000,10,

"L-07", "Ethane:", "<100,100,

"L-08", "Propane (total):", "<100,100,

"L-09", "Iso-Butane:", "not detected,100,

"L-10", "Normal Butane:", "not detected,100,

"L-11", "Butane (Total)", "not detected", "100,

"L-12", "Hydrogen:", "not detected,100,

"L-13", "Helium:", "not detected", "100,

"L-14", "Hydrogen Sulphide:", "350,100,

"L-15", ".,.,.

"L-16", ".,.,.

"L-17", ".,.,.

"L-18", ".,.,.

"M-01", "AB552689"

"M-02", "University of Victoria", "Victoria"

"M-03", "VPDB"

"M-04", "Carbon Dioxide:", "23.6", "Gas Chromatograph"

"M-05", "Methane:", "-76.9",

"M-06", "Ethane:", "not detected",

"M-07", "Propane:", "not detected",

"M-08", "Iso-Butane:", "not detected",

"M-09", "Normal Butane:", "not detected",

"M-10", ".,.,

"M-11", ".,.,

"M-12", ".,.,

"M-13", "Very high Methane content in the free gas analysis. Sample was sent to University of Victoria for Isotope analysis on Feb 22, 2010."

"N-01", "Yes"

"N-02", "23-Jan-2010", "A combination of the above"

"N-03", "Carbonate "

"N-04", "Chloride "

"N-05", "Colour"

"N-06", "Electrical Conductivity"

"N-07", "Fluoride"

"N-08", "Hydroxide"

"N-09", "Ionic Balance"

"N-10", "Iron"

"N-11", "Iron (Total)"

"N-12", "Magnesium"

"N-13", "Manganese"

"N-14", "Manganese (total)"

"N-15", "Nitrate as Nitrogen"

"N-16", "Nitrite + Nitrate as Nitrogen"

End