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How to Use the Water Quality Database

Fernald Community Health Effects Committee

How to Use the Water Quality Database

The F-CHEC Water Quality Database is a collection of existing information related to the water quality in the five-mile exposure domain. The Research Team conducted a comprehensive literature search to identify these reference materials. No attempt was made to verify the accuracy of the data contained in these documents.

The Research Team designed the database layout/structure; the database platform is Microsoft Office Access 2003. The file layout, including variable names with descriptions/definitions, is presented here. The database is searchable on all variables. Use the sort function to find serial documents that may vary in title.

F-CHEC Water Quality Database Variables with Descriptions

Variable Group	Variable	Description
Document ID Number	THREE-DIGIT NUMBER	The three-digit consecutive number was assigned by the Research Team, chosen only in the order in which the document was identified for inclusion in the Water Quality Database; there is no other significance to these first three digits.
	TWO-DIGIT PUBLISH YEAR	The two-digit publication year was often not the year being discussed in the report. (This is especially true for annual reports.) Two documents did not have a publication year; this is noted as "ND" in the two-digit publication year field. The database included a field for the complete PUBLICATION DATE.
	THREE-LETTER KEY CODE	The three-letter key code was developed by the Research Team to describe the type of document. Additionally, the database includes a field for the entire DOCUMENT TYPE wording.
Document Identifiers	TITLE	The Document Title was entered exactly as it appears on the document. However, if a document title began with a preposition such as the, a, etc., the preposition was entered at the end of the document title. For example "The Monitoring Program" would be entered as "Monitoring Program, The". (This was done for SORT functions.)
	SUBTITLE	Document subtitles are included in the database. Appendices, task numbers, and report numbers are referenced in the Subtitles.
	PROJECT NAME	As applicable.
	BOOK/JOURNAL TITLE	As applicable.
	DOCUMENT NUMBER	Document Number of Company/Agency as applicable.
	CONTRACT NUMBER	Contract Number of Company/Agency as applicable.
	DOCUMENT TYPE/OTHER	DOCUMENT TYPE field is a description for the THREE-LETTER KEY CODE. OTHER field provides any additional information.
	TABLES/APPENDICES	Checkbox to indicate whether document includes TABLES/APPENDICES.
	PUBLICATION DATE	Complete date for TWO-DIGIT PUBLISH YEAR.
	NUMBER OF PAGES	Number of pages.
Author, Publisher	AUTHOR LAST NAME	Last name of author.
	AUTHOR FIRST NAME	First name of author.
	COMPANY OF AUTHOR	Company of author.
	MORE THAN ONE AUTHOR	Checkbox to indicate more than one author.
	PUBLISHER	Publisher.
	SPONSORING AGENCY	Sponsoring agency.
Data Information	DATA TYPE	Written description of DATA TYPE.
	GENERAL REFERENCE	Indicates a source of general reference information.
	CISTERN, GROUND, SURFACE, WELL	Checkboxes in any of these fields indicate data is available in the document for the water source.
	CHEMICAL, RADIOACTIVE, BIO, RISK MOD, RISK ASSES	Checkboxes in any of these fields indicate the nature of the data for the water source.
Notes	NOTES	