

Begin METADATA documentation

METADATA Date: August 18, 2011

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METADATA Data Description:

Filename: spike.solutions.txt

Source: U.S. Geological Survey Data Series 630, appendix 1.

URL <http://pubs.usgs.gov/ds/630/>

The spike-solution data provided herein are an UPDATED data set processed similarly to that provided in--

U.S. Geological Survey Scientific Investigations Report 2009-5189, Adjustment of Pesticide Concentrations for Temporal Changes in Analytical Recovery, 1992-2006

URL <http://pubs.usgs.gov/sir/2009/5189//>

Concentrations of as many as 44 pesticides and 8 degradates in 53 spike solutions are provided in this tab-delimited ASCII file.

NOTE: This is a "row" format data file. Each row contains information about one pesticide in one spike solution.

This data file contains 2,247 rows of data (excludes rows of METADATA comments, 1 row of attribute labels, and 1 row of field descriptions).

METADATA Basic documentation of dataset elements:

Data Attributes:

lotno	9N
sch	14s
pcode	5s
plname	25s
ugml	9n

Note: The row in the data file that follows the row of attribute labels describes the width of the field and the data type. S or s indicates a text attribute, D or d indicates a date attribute, and N or n indicates a numeric attribute. For example: 15s indicates a 0- to 15-character text attribute, whereas 9N indicates a 0- to 9-digit numeric attribute. Attribute labels may be longer than the width of the field.

Attribute label: lotno

Attribute description: Spike solution lot number

Note: This is the National Water Information System (NWIS) lot number, NOT the manufacturer's lot number.

see <http://www.nwql.cr.usgs.gov/USGS/spike/spike.html> for more information.

Note: lotno 11110 and 11112 are NWIS lot numbers assigned by jdmartin for custom spike solutions used in 1992 and 1994. Information for these lotno are not available at the previously mentioned web site.

Attribute label: sch

Attribute description: U.S. Geological Survey (USGS) National Water Quality Laboratory (NWQL) analytical schedules (method and suite of pesticides) appropriate for spike solution

Code	Description
2001/2010	NWQL schedules 2001 and 2010
2003	NWQL schedule 2003
2003/2032/2033	NWQL schedules 2003, 2032, and 2033

Attribute label: pcode

Attribute description: Parameter code. The 5-digit number used to identify variables in the USGS National Water Information System (NWIS).

Attribute label: plname

Attribute description: Common name of the pesticide or degradate.

Attribute label: ugml

Attribute description: Concentration of pesticide or degradate in spike solution in  
micrograms per milliliter (ug/mL).

End METADATA documentation