Begin METADATA documentation

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 METADATA Data Description:

   Filename: modeled.gw.recov.txt

   Source: U.S. Geological Survey Data Series 630, appendix 4.

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

   The modeled recovery 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/

Modeled recovery for 44 pesticides and 8 degradates in groundwater matrix spikes are

provided in this tab-delimited ASCII file.

NOTE: This is a "row" format data file. Each row contains information about modeled recovery

for one pesticide for one day (Jan 1, 1992 to Dec 31, 2010 inclusive).

This data file contains 360,880 rows of data (excludes rows of METADATA comments, 1 row of

attribute labels, and 1 row of field descriptions).

METADATA Basic documentation of data set elements:

Data Attributes:

spiketype   9s

pcode   5S

plname   25S

period   6S

sp   9N

predict   9N

dates   8D

dectime   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: spiketype

Attribute description: Type of spikes used for modeling recovery.

Code	Description
gw	Groundwater matrix spikes

Attribute label: pcode

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

Attribute label: plname

Attribute description: Common name of the pesticide or degradate.

Attribute label: period

Attribute description: Modeling period and technique.

      Code   Desciption

    before Recovery for the time period before spikes. Recovery modeled by assigning
           the lowess-modeled recovery on the date of the first spike to all previous dates.

    during Recovery for the time period of spikes (date of first spike through date
           of last spike). Recovery modeled by lowess.

    after   Recovery for the time period after spikes. Recovery modeled by assigning
           the lowess-modeled recovery on the date of the last spike to all subsequent dates.

Attribute label: sp

Attribute description: Lowess smoothing window. A smoothing window of 0.1 (10 percent) was used
                to model recovery for all pesticides except fipronil, fipronil sulfide,
                fipronil sulfone, desulfinylfipronil amide, and desulfinylfipronil. A
                smoothing window of 0.25 (25 percent) was used to model recovery for these
                five pesticides or degradates.

Attribute label: predict

Attribute description: Modeled recovery, in percent.

Attribute label: dates

Attribute description: Date of modeled recovery, YYYYMMDD. 19920101 through 20101231.

Attribute label: dectime

Attribute description: Decimal date of modeled recovery.

End METADATA documentation