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#  
# Begin METADATA documentation  
#  
# METADATA Date:      August 1, 2008  
# METADATA Contact:  Jeffrey D. Martin  
#                   U.S. Geological Survey  
#                   NAWQA Pesticide Synthesis Project  
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# -----  
#  
# METADATA Data Description:  
#  
#   Filename: Appendix3.txt  
#  
#   The data provided herein are the water-quality data discussed in  
#  
#   U.S. Geological Survey Scientific Investigations Report 2008-5189, Adjustment of Pesticide  
#   Concentrations for Temporal Changes in Analytical Recovery, 1992-2006  
#   URL http://pubs.usgs.gov/sir/2009/5189/  
#  
#   Concentrations and recoveries of as many as 44 pesticides and 8 degradates in matrix spikes are  
#   provided in this tab-delimited ASCII file.  
#  
#   NOTE: This is a "row" format data file. Each row contains information about 1 pesticide measured  
#         in 1 matrix spike.  
#  
#   This data file contains 94,749 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:  
#  
#           pstaid          15S  
#           suid            4S
```

#	dates	8D
#	sdectime	9N
#	year	9N
#	month	9N
#	day	9N
#	pcode	5S
#	plname	25S
#	stimes	4S
#	smedim	1S
#	sremrk	1S
#	svalue	9N
#	ssched	9S
#	etimes	4S
#	emedim	1S
#	eremrk	1S
#	evalue	9N
#	esched	9S
#	lotno	5S
#	sch	14S
#	ugml	9N
#	spivol	9N
#	samvol	9N
#	recov	9N
#	sname	50S

#  
#

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: pstaidd

#  
#

Attribute description: USGS site identification number.

#  
#

Note: pstaidd is the "parent" site identification number. At some sites, the actual location of sample collection (at the "child" site identification number) may have changed during the period of sample collection, but the sites are considered equivalent.

#



```

#           SOFL   Southern Florida
#           SPLT   South Platte River Basin
#           TENN   Tennessee River Basin
#           TRIN   Trinity River Basin
#           UCOL   Upper Colorado River Basin
#           UIRB   Upper Illinois River Basin
#           UMIS   Upper Mississippi River Basin
#           USNK   Upper Snake River Basin
#           WHMI   White, Great Miami, and Little Miami River Basins
#           WILL   Willamette Basin
#           WMIC   Western Lake Michigan Drainages
#           YELL   Yellowstone River Basin
#
# Attribute label: dates
#
# Attribute description: Date of matrix spike and environmental background sample, YYYYMMDD.
#
# Attribute label: sdectime
#
# Attribute description: Decimal date/time of matrix spike.
#
# Attribute label: year
#
# Attribute description: Year of matrix spike and environmental background sample.
#
# Attribute label: month
#
# Attribute description: Month of matrix spike and environmental background sample.
#
# Attribute label: day
#
# Attribute description: Day of matrix spike and environmental background sample.
#
# Attribute label: pcode
#
# Attribute description: Parameter code. The 5-digit number used to identify variables
#                       in the USGS National Water Information System.

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#  
# Attribute label: plname  
#  
# Attribute description: Common name of the pesticide or degradate.  
#

# Attribute label: stimes  
#  
# Attribute description: Time of matrix spike.  
#

# Attribute label: smedim  
#  
# Attribute description: Medium of matrix spike.  
#

Code	Description
R	Surface water
S	Ground water

# Attribute label: sremrk  
#  
# Attribute description: Remark code for the measured pesticide concentration in the  
# matrix spike (svalue).  
#

Code	Description
<	Not Detected. Concentration reported as less than svalue.
(blank)	Detected. Concentration reported as svalue.
E	Detected. Concentration is estimated as svalue. Estimated concentration may result from any of the following reasons: 1. The compound is characterized as a "poor performer" in the method on the basis of laboratory QC samples. In general compounds with less than 60 % recovery, greater than 120 % recovery, or greater than 25 % relative standard deviation of recovery are considered poor performers. All detections of these compounds are remarked E. 2. The compound was detected at a concentration less than the reporting level or less than the lowest calibration standard. 3. The sample was diluted to bring the concentration into the calibration range.

# Attribute label: svalue

#  
# Attribute description: Measured pesticide concentration in the matrix spike, in  
# micrograms per liter.  
#  
# Attribute label: ssched  
#  
# Attribute description: Analytical schedule used to measure pesticides in the matrix spike.  
#

Code	Description
-----	-----
NWQL2001	NWQL schedule 2001
NWQL2003	NWQL schedule 2003
NWQL2010	NWQL schedule 2010
NWQL2033	NWQL schedule 2033

#  
# Attribute label: etimes  
#  
# Attribute description: Time of environmental background sample.  
#

#  
# Attribute label: emedim  
#  
# Attribute description: Medium of environmental background sample.  
#

Code	Description
-----	-----
6	Ground water
9	Surface water

#  
# Attribute label: eremrk  
#  
# Attribute description: Remark code for the measured pesticide concentration in the  
# environmental background sample (evaluate).  
#

Code	Description
-----	-----
<	Not Detected. Concentration reported as less than evaluate.
(blank)	Detected. Concentration reported as evaluate.
E	Detected. Concentration is estimated as evaluate. Estimated concentration may result from any of the following reasons:

- #
- # 1. The compound is characterized as a "poor performer" in the method on the
  - # basis of laboratory QC samples. In general compounds with less than 60 %
  - # recovery, greater than 120 % recovery, or greater than 25 % relative standard
  - # deviation of recovery are considered poor performers. All detections of
  - # these compounds are remarked E.
  - # 2. The compound was detected at a concentration less than the reporting level
  - # or less than the lowest calibration standard.
  - # 3. The sample was diluted to bring the concentration into the calibration range.

# Attribute label: evaluate

# Attribute description: Measured pesticide concentration in the environmental background sample, in  
# micrograms per liter.

# Attribute label: esched

# Attribute description: Analytical schedule used to measure pesticides in the environmental  
# background sample.

Code	Description
NWQL2001	NWQL schedule 2001
NWQL2003	NWQL schedule 2003
NWQL2010	NWQL schedule 2010
NWQL2033	NWQL schedule 2033

# Attribute label: lotno

# Attribute description: Spike solution lot number

# Note: This is the NWIS lot number NOT the manufacturer's lot number.  
# see <http://www.nwql.cr.usgs.gov/USGS/spike/spike.html> for more information.

# Attribute label: sch

# Attribute description: USGS National Water Quality Laboratory (NWQL) analytical schedules  
# appropriate for spike solution

Code	Description
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# -----
# 2001/2010      NWQL schedules 2001 and 2010
# 2003          NWQL schedule 2003
# 2003/2032/2033 NWQL schedules 2003, 2032, and 2033
#
# Attribute label: ugml
#
# Attribute description: Concentration of pesticide or degradate in spike solution in
#                       micrograms per milliliter.
#
# Attribute label: spivol
#
# Attribute description: Volume of spike solution added to the matrix spike, in milliliters.
#
# Attribute label: samvol
#
# Attribute description: Volume of the matrix spike, in milliliters.
#
# Attribute label: recov
#
# Attribute description: Recovery of pesticide in the matrix spike, in percent.
#
# Attribute label: sname
#
# Attribute description: Name of the stream-water site where the matrix spike and the
#                       environmental background sample were collected (pstaidd).
#
# End METADATA documentation
```