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Technical Support Documentation for Part I of the National Sewage Sludge Survey Notice of Availability

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PREFACE

The Environmental Protection Agency (EPA) announced the availability of information and data from the National Sewage Sludge Survey (NSSS) in a Federal Register notice titled "National Sewage Sludge Survey: Availability of Information and Data, and Anticipated Impacts on 40 CFR Part 503." The Agency conducted the NSSS in 1988 and 1989 to collect current and reliable data to support the development of 40 CFR Part 503 Standards for the Use and Disposal of Sewage Sludge. Development of these standards is required under Section 405(d) of the Clean Water Act (CWA) of 1977, as amended by the Water Quality Act of 1987. Statutory authority to conduct the survey is provided by CWA Section 308.

This document provides a summary of the survey's objective and design and develops the technical background for the preliminary statistical analyses reported in the NSSS notice of availability.

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1. INTRODUCTION

Pursuant to Section 405(d) of the Clean Water Act (CWA) of 1977, as amended by the Water Quality Act of 1987, the Environmental Protection Agency (EPA) proposed a regulation for the final use and disposal of sewage sludge. For the purpose of the proposed 40 CFR Part 503 Standards for the Use and Disposal of Sewage Sludge (54 Federal Register 5746-5902; February 6, 1989), the Agency used 1979-1980 pollutant concentration data obtained from the "40 City Study." Although the "40 City Study" provided a reasonable data source for proposing the Part 503 regulation, the EPA believed that a current and reliable data base was required to support the final regulation. The Agency conducted the National Sewage Sludge Survey (NSSS) to fulfill this requirement.

The NSSS data collection effort began in August 1988 and was completed in September 1989. Samples of final process sewage sludge were collected just prior to use or disposal from 180 publicly owned treatment works (POTWs) practicing at least secondary treatment of wastewater. These samples were analyzed for over 400 pollutants according to analytical protocols adapted specifically for the sewage sludge matrix. In addition, through the use of a detailed questionnaire, information on sewage sludge use and disposal and operational practices was collected from 462 secondary treatment POTWs. The availability of data and information resulting from the NSSS was announced by the Agency in a Federal Register notice titled "National Sewage Sludge Survey: Availability of Information and Data, and Anticipated Impacts on 40 CFR Part 503." Preliminary statistics estimated from NSSS data concerning the number of POTWs in the Nation using each of nine sewage sludge use and disposal practices in 1988 are reported in the notice of NSSS data availability. Also reported in the notice are concentration estimates from the NSSS analytical survey for the 28 pollutants of concern listed in the proposed Part 503 regulation.

This document provides the technical background that supports the production of the preliminary NSSS estimates reported in the notice of availability. As an introduction to the technical portion of this document, this section provides a description of the NSSS and its design.

1.1 DESCRIPTION OF THE NATIONAL SEWAGE SLUDGE SURVEY

The 1988 NSSS was conducted to collect sludge quality and pollutant occurrence data that describe sewage sludge just prior to use and disposal. Sludge quality data were augmented with 1988 information concerning sewage sludge generation and treatment processes, current and alternate sludge use and disposal practices, and treatment and disposal cost data. These data, which resulted from a national probability sample of POTWs practicing secondary or advanced treatment of wastewater, provide reliable and current data that can be used to evaluate risk-based pollutant limitations; to conduct regulatory impact analysis (RIA); and to develop the aggregate risk analysis (ARA) for the final regulation. These data will also be used to identify pollutants that will be controlled in the subsequent amendments to Part 503.

1.2 NSSS DESIGN

Because the proposed 40 CFR Part 503 Standards for the Use and Disposal of Sewage Sludge establishes requirements for the final use and disposal of sewage sludge and applies to publicly and privately owned treatment works that treat domestic sewage and to any person who uses or disposes of sewage sludge from such treatment works, the target population for the NSSS was POTWs in the Nation that practice at least secondary wastewater treatment. Operationally, secondary treatment was defined as a primary clarification process followed by biological treatment and secondary clarification. The sampling frame for the NSSS effort was defined by excluding POTWs with "Present Effluent Characteristics" codes of "No Discharge," "Raw Discharge," and "Advance Primary" from the EPA Office of Municipal Pollution Control's 1986 NEEDS Survey. These exclusions resulted in a sampling frame of 11,407 secondary treatment POTWs in the 50 States, Puerto Rico, and the District of Columbia.

The NSSS effort consisted of a questionnaire and an analytical survey component. Each component survey had its own probability sample of POTWs selected from the sampling frame of 11,407 secondary treatment POTWs identified by the Agency. The two probability samples are related in that a POTW included in the probability sample for the analytical survey was also included in the questionnaire survey.

The sampling plan for the questionnaire survey was designed to allow survey results to be analyzed separately by flow rate group and by sewage sludge use and disposal practice. The sampling frame was partitioned into 24 strata. These strata, created by joint stratification across four categories of wastewater flow rate and six use and disposal practices created from data in the 1986 NEEDS Survey, are defined as follows:

- POTW average daily flow rate categories:
  - Flow greater than 100 million gallons per day (MGD)
  - Flow more than 10 MGD but less than or equal to 100 MGD
  - Flow more than 1 MGD but less than or equal to 10 MGD
  - Flow less than or equal to 1 MGD.
- POTW sewage sludge use and disposal practice groups:
  - Land application
  - Distribution and marketing
  - Incineration
  - Monofill (sewage sludge only landfill)
  - Co-disposal landfill and other
  - Ocean disposal.

The sample size for each of the 24 strata was statistically determined to minimize marginal coefficients of variation for estimating attributes under the assumption that a particular attribute is distributed hypergeometricly. A total of 479 POTWs was selected randomly from the sampling frame to comprise the questionnaire survey sample. Each POTW in the sample was sent a 50-page questionnaire containing general operation and disposal practice specific questions. General information gathered by the questionnaire concerned the following: service area, POTW operating information, general sewage sludge use and disposal practices, pretreatment activities, wastewater and sewage sludge testing frequencies, and POTW financial information. POTWs also supplied disposal practice specific information and indicated which practice(s) would be likely alternatives. The data base created from returned questionnaires contains responses from 462 POTWs.

POTWs in the analytical survey were restricted to the contiguous States and the District of Columbia. All POTWs in the analytical survey also were included in the questionnaire survey. A total of 208 POTWs from the four flow rate categories was selected for sampling and analysis. EPA contract personnel collected sewage sludge samples just prior to disposal from each POTW according to sampling and preservation protocols. Contract laboratories analyzed each sample for 412 analytes. The list of tested organics, pesticides, metals, dibenzofurans, dioxins, and PCBs was compiled from the CWA Section 307(a) priority pollutants, toxic compounds highlighted in the Domestic Sewage Study, RCRA Appendix VIII pollutants, and contaminants of suspected concern in municipal sludge. Analytical methods 1624 and 1625 were adapted from standard methods to allow volatile and semi-volatile organic analytes to be quantified from the sludge matrix. Pesticides and PCBs were analyzed by method 1618; dibenzofurans and dioxins were quantified using method 1613; and metals, other inorganics, and classicals were analyzed by standard EPA methods. All analytical methods were either developed, chosen, or adapted for the sewage sludge matrix to provide the most reliable and accurate measurement of the 412 analytes. Analytical data from 180 POTWs are recorded in the NSSS data base.

Printed or computer copies (nine-track tape) of the questionnaire survey data base are available from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia, 22161. When ordering printed copies of the questionnaire data (PB 90-107509; cost $97.95) or the analytical data (PB 90-107491; cost $139.95), specify the PB number. Computer tapes, written under the OS operating system in SAS transportable code at 1600 bpi with logical record lengths of 80 and block sizes of 8000, should be readable by CMS, VSE, AOS/VS, PRIMOS, and VMS. The NTIS order number for the NSSS data tape is PB 90-501834 and the current price is $220. A data element dictionary containing definitions and specifications for all NSSS variables is also available (PB 90-198961; cost $23.)

1.3 ORGANIZATION OF THIS DOCUMENT

Sections 2 and 3 of this technical support document report estimates of the number of POTWs in the Nation in 1988 by use and disposal practice and by flow rate group, respectively. Each of these sections records data conventions, assumptions, and the statistical methods used to produce these estimates from the

stratified questionnaire survey data. Procedures and assumptions used to estimate pollutant concentrations from the NSSS analytical survey data are presented in section 4. Tabulated concentration estimates for the 28 pollutants of concern for which limitations are proposed in Part 503 are augmented by graphical presentations of results in section 4. A listing of concentration data for these 28 pollutants can be found in appendix A. Finally, program listings of computer algorithms used to produce reported estimates are located in appendix B.

2. ESTIMATION OF THE NUMBER OF POTWs IN THE NATION USING EACH OF NINE DISPOSAL PRACTICES IN 1988

Point and interval estimates of the number of secondary treatment POTWs in the Nation using each of nine disposal practices in 1988 are included in the National Sewage Sludge Survey (NSSS) notice of availability. This section provides the technical background for the production of the reported estimates. Data conventions and definitions of key variables are provided in section 2.1. The statistical formulae defining the point estimator of the total number of POTWs in the Nation from the NSSS stratified random sample data and the variance of the total estimate are cited in section 2.2. Resulting estimates and confidence intervals are also presented in section 2.2. The computer algorithm developed to incorporate these formulae is found in exhibit B-1, appendix B. Finally, comments concerning a specific result are provided in section 2.3.

2.1 DATA CONVENTIONS

Prior to defining survey strata for sampling design purposes, the disposal practice used by each of the 11,407 secondary treatment POTWs identified by the Agency was determined from information reported in the 1986 NEEDS Survey. Six disposal practices were identified. These practices, referred to as **survey disposal practices**, are (1) land application, (2) distribution and marketing, (3) incineration, (4) monofill, (5) co-disposal landfill, and (6) ocean disposal. The cross-classification of these six disposal practices, along with the four levels of average daily flow rate, were used to partition the sampling frame into 24 mutually exclusive strata. From these 24 strata, a total of 479 POTWs was randomly selected to comprise the questionnaire survey sample. Survey stratum identifications for each POTW in the sample are important to data analyses because (1) the stratum number indicates the sampling fraction to be assigned to the POTW's data for statistical estimation procedures, and (2) the disposal practice component of the stratum number indicates the POTW's disposal practice option reported in the 1986 NEEDS Survey.

POTWs in the questionnaire survey reported the practice(s) used to dispose of sewage sludge in 1988 in question 24 of the survey document. This question instructed the participant to record the wet weight of sewage sludge disposed of by each of nine disposal practices. The first six of these nine practices are the same as the survey disposal practices listed above. The remaining three are (7) co-incineration, (8) surface disposal, and (9) other. These nine disposal practices are referred to as **reported disposal practices.** Sewage sludge disposal options for 1988 were expanded to include the three additional practices listed in question 24 because not all of the POTWs responding to the survey used one of the six 1986 NEEDS Survey based disposal options. Definitions of the first eight reported disposal practices, as defined in the questionnaire, are provided in table 2-1.

The 1988 reported disposal practice for each of the 462 respondent POTWs was determined from question 24. If a POTW used multiple disposal practices, the practice used to dispose of the largest percentage of sewage sludge was assigned as the major disposal practice. Of the 17 POTWs that did not return a completed

TABLE 2-1.

DEFINITIONS OF SEWAGE SLUDGE USE AND DISPOSAL PRACTICES

Land Application - The application of liquid, dewatered, dried, or composted sewage sludge to the land by surface spraying, surface spreading, or subsurface injection. Sludge may be applied to land intended for a number of end uses including, but not limited to, cropland, pasture, commercially grown turf, silviculture, land for reclamation, and dedicated sites. The sludge may be applied by the POTW or by a distributor or end user under a contract or similar control mechanism with the POTW. Note that in this definition, the POTW has direct control over the application of sewage sludge.

Distribution and Marketing - The give-away, transfer, or sale of sewage sludge or sewage sludge product (e.g., composted sludge product) in either bagged or bulk form. The POTW does not apply the sludge and the end-user applying the sludge is not under the direct control of the POTW. Note that a label or notice provided with the sewage sludge does not constitute direct control.

Sewage Sludge Incineration - The treatment of sewage sludge exclusively in an enclosed device using controlled flame combustion. Includes all sewage sludge incinerators on site and also, those facilities transporting sewage sludge to another facility that operates sewage sludge incinerators.

Monofill - A controlled area of land that contains one or more sewage sludge units. A sewage sludge unit is defined as a controlled area of land where only sewage sludge is placed. The sludge is covered with a cover material at the end of each operating day or at more frequent intervals.

Co-Disposal Landfill - An area of land or an excavation that is used for the permanent disposal of solid waste, residuals, and sewage sludges. These include, but are not limited to, municipal landfills that accept sewage sludge for disposal in conjunction with other waste materials.

Ocean Disposal - Dumping or controlled release of sewage sludge from a barge or other vessel into marine water.

Co-Incineration - The combined treatment of sewage sludge and combustible waste materials (e.g., trash and other municipal solid waste) in an enclosed device using controlled flame combustion.

Surface Disposal - A controlled area of land where only sewage sludge is placed for a period of one year or longer. Sludge placed in this area is not provided with a daily or final cover. (Surface disposal areas may become naturally covered with vegetation as a result of seed drift). Surface disposal does not include areas where sludge has formed or is currently being formed and being deposited as a result of ongoing treatment (e.g., finishing ponds). Surface disposal can be a natural topographical depression, man-made excavation or diked area formed primarily of earthen material designed to store (not treat) sewage sludge for a period of one year or longer. Surface disposal also includes placement of sludge in piles for a period of one year or more, as a means of disposal.

questionnaire, 4 POTWs were determined to be out of business. Another three POTWs were classified as being ineligible because they did not perform secondary treatment of wastewater. No responses were obtained from 11 POTWs despite several followup contacts. The reported disposal practice for the 11 nonrespondent POTWs was assumed to be the survey disposal practice reported in the 1986 NEEDS Survey. That is, for the purpose of estimating the total number of POTWs in the Nation using each of the nine disposal practices in 1988, it was assumed that no change in disposal practice occurred between 1986 and 1988 for survey nonrespondents.

Some POTWs that disposed of sewage sludge in lagoons indicated in question 24 that their major disposal practice in 1988 was surface disposal. Other POTWs listed "sludge lagoon" under the "other" disposal practice category of question 24. For the purpose of this analysis, POTWs recording "sludge lagoon" under the "other" option have been classified as using surface disposal as their major disposal practice for 1988. Copies of the data and POTW schematics from these facilities currently are being reviewed by the EPA to determine if sewage sludge was disposed of in lagoons after secondary treatment or whether sewage sludge was lagooned as a form of wastewater treatment.

The number of POTWs for each of the six survey disposal practices in the NSSS sample is recorded by reported major disposal practice in table 2-2. Cells on the diagonal in table 2-2 indicate the number of POTWs in the sample that did not change practices from 1986 to 1988.

Twenty-four POTWs in the questionnaire survey indicated that they used "other" disposal practices. The disposal practices listed by these POTWs are presented in table 2-3. Nine of the 24 POTWs that indicated "other" disposal practices were also in the analytical survey. Trip reports completed by the EPA contractor who obtained sewage sludge samples for the analytical survey indicated that all nine POTWs used one of the first six major disposal practices listed in table 2-1. The Agency is currently reviewing copies of the data and schematics from the 24 POTWs to determine if a more definitive 1988 disposal practice can be assigned. Since the currently available information for these POTWs indicates "other " disposal practices, the "other" category was retained for estimating the number of POTWs in the Nation by disposal practices.

2.2 ESTIMATION OF NATIONAL TOTALS AND VARIANCES OF THE ESTIMATES

Estimates of the total number of POTWs in the Nation in 1988 using each of the nine disposal options and the variances of these total estimates were generated based on methods listed in Cochran (1977, p. 143, equations 5A.67 and 5A.68) for estimating totals over subpopulations. For a given reported disposal practice, the number of POTWs in the Nation was first estimated from NSSS data for each of the 24 design strata. Strata estimates were then summed to produce national estimates. Before the equations from which these estimates were generated are defined, some notational conventions are first established on the pages 10 and 11.

TABLE 2-2.

POTWS IN THE QUESTIONNAIRE SURVEY

1986 NEEDS DISPOSAL CLASSIFICATION VS 1988 REPORTED DISPOSAL PRACTICE FREQUENCIES

POTWS REPORTING SEVERAL DISPOSAL PRACTICES ARE CLASSIFIED
ACCORDING TO THE PRACTICE USED TO DISPOSE OF THE MAJORITY OF SLUDGE

	Frequency Percent Row Pct Col Pct	Reported Major Disposal Practices												
		1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1986 NEEDS Based Survey Disposal Practice	1	65 13.57 56.03 40.37	1 0.21 0.86 3.70	0 0.00 0.00 0.00	1 0.21 0.86 3.57	21 4.38 18.10 27.63	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18 3.76 15.52 30.51	4 0.84 3.45 16.67	2 0.42 1.72 50.00	0 0.00 0.00 0.00	4 0.84 3.45 36.36	116 24.22
	2	26 5.43 46.43 16.15	16 3.34 28.57 59.26	1 0.21 1.79 1.59	2 0.42 3.57 7.14	9 1.88 16.07 11.84	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.21 1.79 1.69	1 0.21 1.79 4.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	56 11.69
	3	3 0.63 4.41 1.86	0 0.00 0.00 0.00	55 11.48 80.88 87.30	0 0.00 0.00 0.00	6 1.25 8.82 7.89	1 0.21 1.47 4.76	3 0.63 4.41 100.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	68 14.20
	4	4 0.84 11.43 2.48	2 0.42 5.71 7.41	1 0.21 2.86 1.59	21 4.38 60.00 75.00	5 1.04 14.29 6.58	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.42 5.71 3.39	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35 7.31
	5	63 13.15 34.05 39.13	8 1.67 4.32 29.63	6 1.25 3.24 9.52	4 0.84 2.16 14.29	35 7.31 18.92 46.05	1 0.21 0.54 4.76	0 0.00 0.00 0.00	38 7.93 20.54 64.41	19 3.97 10.27 79.17	2 0.42 1.08 50.00	2 0.42 1.08 100.00	7 1.46 3.78 63.64	185 38.62
	6	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19 3.97 100.00 90.48	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19 3.97
	TOTAL	161 33.61	27 5.64	63 13.15	28 5.85	76 15.87	21 4.38	3 0.63	59 12.32	24 5.01	4 0.84	2 0.42	11 2.30	479 100.00

Disposal Practices:

1 = Land Application
2 = Distribution and Marketing
3 = Incineration
4 = Monofill
5 = Co-Disposal Landfill
6 = Ocean Disposal
7 = Co-Incineration
8 = Surface Disposal
9 = Other
10 = Out of Business
11 = Ineligible
12 = Non-Respondents

TABLE 2-3.

LISTING OF SURVEY RESPONSES REPORTED IN DISPOSAL PRACTICE CATEGORY "OTHER"

Response	Number of POTWs
Composting	1
Discharged	11
Drying Bed	1
New Facility	1
Private Contractor	1
Storage	1
Stored Off-Site	1
To Other POTW	1
To Regional Plant	1
Transferred	5
Total	24

Subscript notation:

i = Design flow rate group based on average daily flow rate reported in 1986 NEEDS Survey where {i = 1, 2, 3, 4} is defined as

1 = FLOW > 100 million gallons per day (MGD)

2 = 10 < FLOW ≤ 100 MGD

3 = 1 < FLOW ≤ 10 MGD

4 = FLOW ≤ 1 MGD.

j = Design disposal practice group based on 1986 NEEDS Survey responses where {j = 1, 2, 3, 4, 5, 6} is defined as

1 = land application

2 = distribution and marketing

3 = incineration

4 = monofill

5 = co-disposal landfill

6 = ocean disposal.

ij = Survey design stratum created by crossing the four levels of flow rate group with the six disposal practices. Thus, ij = 23 implies that the POTW was classified based on 1986 NEEDS Survey data as having an average daily flow rate less than or equal to 100 MGD but more than 10 MGD and incinerating its sludge
{ij = 11, 12, 13,...,16, 21, 22,...,26,...,41,...,44, 45, 46}.

k = Designates the kth POTW in the ij^{th} design stratum
$\{k = 1, 2, 3, \ldots, n_{ij}\}$

r = Major disposal practice determined form the 1988 NSSS where {r = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11} are defined as

1 = land application

2 = distribution and marketing

3 = incineration

4 = monofill

5 = co-disposal landfill

6 = ocean disposal

Continuation of the definition of the subscript r where

r = Major disposal practice determined form the 1988 NSSS

7 = co-incineration

8 = surface disposal

9 = other

10 = out of business

11 = ineligible.

Define

y_{ijkr} = 1 if the kth POTW in the ij^{th} design stratum reported the rth practice as its major disposal practice
= 0 otherwise

N_{ij} = the number of POTWs in the ij^{th} stratum of the sampling frame

n_{ij} = the number of POTWs in the ij^{th} stratum of the sample

f_{ij} = the sampling fraction for the ij^{th} stratum where

$$f_{ij} = \frac{n_{ij}}{N_{ij}}.$$

Sampling fraction values for the 24 survey strata are listed in table 2-4.

To estimate the total number of POTWs in 1988 using each of the nine disposal practices, the number of POTWs using a given disposal practice was estimated for each survey stratum. The national estimate was then obtained by summing the strata estimates. That is,

$$\hat{Y}_r = \sum_{ij=11}^{46} \sum_{k=1}^{n_{ij}} \frac{Y_{ijkr}}{f_{ij}}.$$

Since y_{ijkr} equals 1 if the kth POTW in the ij^{th} survey stratum reported the rth disposal practice in 1988 and is 0 otherwise, then the sum of y_{ijkr} over the index k determines the number of POTWs in the cell where the ij^{th} row intersects the rth column in a cross tabulation of the survey stratum versus reported disposal practice. Denote the number of POTWs in this cell as n_{ijr} where $n_{ijr} \leq n_{ij}$.

TABLE 2-4.

SAMPLING FRACTIONS FOR THE QUESTIONNAIRE SURVEY STRATA (f_{ij})

Flow Rate Group (MGD)	Use Or Disposal Practice					
	Land Application (1)	Distribution & Marketing (2)	Incineration (3)	Monofill (4)	Landfill & Other (5)	Ocean Dumping (6)
1: > 100	2/2	8/8	7/7	0	7/7	4/4
2: 10 - 100	13/61	10/18	33/74	9/11	31/148	11/12
3: 1 - 10	26/524	23/41	27/61	13/17	67/1295	3/3
4: 0 - 1	75/1646	15/27	1/2	13/17	80/7421	1/1

Therefore, the equation for estimating the national total for the rth disposal practice in 1988 can be written as

$$\hat{Y}_r = \sum_{ij=11}^{46} N_{ij} \frac{n_{ijr}}{n_{ij}} .$$

The variance for the rth disposal practice estimated total is

$$V(\hat{Y}_r) = \sum_{ij=11}^{46} \frac{N^2{}_{ij}}{n_{ij}(n_{ij}-1)} (1-f_{ij}) \left[\sum_{k=1}^{n_{ij}} y^2{}_{ijk} - \frac{\left(\sum_{k=1}^{n_{ij}} y_{ijkr} \right)^2}{n_{ij}} \right] .$$

The value $(1 - f_{ij})$ is the finite population correction factor. Again, since y_{ijkr} takes on the values of 1 or 0 to designate the use of the rth disposal practice, then the sum of $Y_{ijkr}{}^2$ over the index k is equal to n_{ijr}, which is also equal to the sum of Y_{ijkr} over the index k. Therefore, the variance estimator can be expressed as

$$V(\hat{Y}_r) = \sum_{ij=11}^{46} \frac{N_{ij}{}^2}{n_{ij}} (n_{ij}-1) (1-f_{ij}) \left(n_{ijr} - \frac{(n_{ijr})^2}{n_{ij}} \right) .$$

For computational simplicity, define

$$\hat{p}_{ijr} = \frac{n_{ijr}}{n_{ij}}$$

and

$$\hat{q}_{ijr} = (1-\hat{p}_{ijr}) .$$

The variance of the total estimate can now be written as

$$V(\hat{Y}_r) = \sum_{ij=11}^{46} N^2{}_{ij} (1-f_{ij}) \frac{(\hat{p}_{ijr}\hat{q}_{ijr})}{n_{ij}-1} .$$

This final expression of the variance of the estimate of the total was used for estimate computation (Appendix B).

Ninety-five percent confidence intervals were produced for the estimated total number of POTWs in the Nation using each of the nine disposal practices in 1988 from the following formula:

$$\hat{Y}_r \pm 1.96 * V(\hat{Y}_r)^{1/2}.$$

Table 2-5 records resulting point and interval estimates.

2.3 COMMENTS

Nineteen out of 20 POTWs reporting ocean disposal in the 1986 NEEDS Survey were sampled for the NSSS. In view of this, the estimated total number of POTWs in the Nation using ocean disposal in 1988 appears excessive. The reason the estimate is excessive can be attributed primarily to one POTW. Table 2-2 shows that there are two POTWs that reported using ocean disposal in 1988 that were not identified as using ocean disposal from 1986 NEEDS Survey information. One POTW that reported using ocean disposal in 1988 was classified as using incineration from 1986 NEEDS Survey information. Since the 1986 NEEDS Survey classification determines the sampling fraction assigned to the POTW, the sampling fraction for this facility is f_{33} = 27/61. Therefore, this POTW added $1/f_{33}$ or 2 to the estimated total number of POTWs using ocean disposal in 1988. However, the other POTW that reported using ocean disposal in 1988 was classified from the 1986 NEEDS Survey as using co-disposal landfill. The sampling fraction for the survey stratum to which this POTW belonged was f_{45} = 80/7421. This POTW added $1/f_{45}$ or 93 POTWs to the estimated total of POTWs using ocean disposal in 1988. This change in disposal practice was noted while the questionnaire data base was being developed. Followup contact with the POTW indicated that ocean disposal was indeed used in 1988.

TABLE 2-5.

NATIONAL ESTIMATES OF DISPOSAL PRACTICE FREQUENCIES

Disposal Practice	1986 NEEDS Classification	1988 Estimated	Change 1988 Estimate -1986 NEEDS	Variance of the Estimate	Lower 95% CI on Estimate	Upper 95% CI on Estimate
Land Application	2,233	3,542	1,309	127,440	2,842.30	4,241.70
Dist. and Marketing	94	308	214	18,292	42.91	573.09
Incineration	144	294	150	9,912	98.86	489.14
Monofill	45	203	158	10,009	6.92	399.08
Co-disposal Landfill	8,871	1,851	-7,020	92,793	1,253.94	2,448.06
Ocean Disposal	20	115	95	8,515	-65.86	295.86
Co-incineration	.	6	6	8	0.37	11.63
Surface Disposal	.	3,147	3,147	166,884	2,345.31	3,946.69
Other	.	1,526	1,526	107,536	883.26	2,168.74
Out of Business	.	229	229	17,716	-31.88	489.88
Ineligible	.	186	186	16,809	-68.11	440.11
	======	======	=====			
	11,407	11,407	0			

3. ESTIMATION OF THE NUMBER OF POTWs IN THE NATION IN EACH OF FOUR FLOW RATE GROUPS

Point and interval estimates of the number of secondary treatment POTWs in the Nation in each of four flow rate groups in 1988 are reported in the notice of availability. This section provides a basis for the production of the reported estimates. Data conventions and definitions of key variables are provided in section 3.1. The statistical formulae defining the point estimator of the total number of POTWs from the stratified NSSS random sample and the variance of the total estimate are cited in section 3.2. Resulting estimates and confidence intervals are also presented in section 3.2. The computer algorithm developed to incorporate these formulae is found in exhibit B-2, appendix B.

3.1 DATA CONVENTIONS

For sampling purposes, each secondary treatment POTW in the NSSS sampling frame of 11,407 POTWs was categorized into one of four flow rate groups based on information reported in the 1986 NEEDS Survey. These flow rate groups are referred to as survey design groups and are defined as

1 = FLOW > 100 million gallons per day (MGD)

2 = 10 < FLOW ≤ 100 MGD

3 = 1 < FLOW ≤ 10 MGD

4 = FLOW ≤ 1 MGD.

The cross-classification of these four levels of average daily flow rate with the six disposal practices were used to partition the sampling frame into 24 mutually exclusive strata. From these 24 strata, a total of 479 POTWs was randomly selected to comprise the questionnaire survey sample.

The average daily flow rate in 1988 for each of the 462 respondent POTWs in the questionnaire survey was extracted from question 9B. These data were then categorized into one of four flow rate groups. The categories for 1988 reported flow rate groups are the same ones that were used to categorize the 1986 NEEDS Survey flow rate groups. As mentioned in section 2, four of the 17 POTWs that did not return a completed questionnaire were determined to be out of business. Another three POTWs were classified as being ineligible because they did not perform secondary treatment of wastewater. No responses were obtained from 11 POTWs despite several followup contacts. The reported flow rate group for these 11 nonrespondents was assumed to be the flow rate group determined from 1986 NEEDS Survey data. That is, for the purpose of estimating the total number of POTWs in each flow rate group during 1988, it was assumed that the average daily flow rate classification did not change between 1986 and 1988 for survey nonrespondents.

The number of POTWs in the NSSS sample in each 1988 based flow rate group is recorded by 1986 NEEDS Survey based flow rate group in table 3-1. Cells on the diagonal in table 3-1 indicate the number of POTWs in the sample that did not change average daily flow rate categories from 1986 to 1988.

3.2 ESTIMATION OF NATIONAL TOTALS AND VARIANCES OF THE TOTAL ESTIMATES

Estimates of the total number of POTWs in the Nation in each of the four reported flow rate groups and the variances of these total estimates were generated based on methods listed in Cochran (1977, p. 143, equations 5A.67 and 5A.68) for estimating totals over subpopulations. For a given reported flow rate group, the number of POTWs in the Nation was first estimated for each of the 24 strata. Strata estimates were then summed to produce national estimates. The equations from which these estimates were generated are defined below; however, some notational conventions are established first.

Subscript notation:

i = Design flow rate group based on average daily flow rate reported in 1986 NEEDS Survey where {i = 1, 2, 3, 4} is defined as

1 = FLOW > 100 million gallons per day (MGD)

2 = 10 < FLOW ≤ 100 MGD

3 = 1 < FLOW ≤ 10 MGD

4 = FLOW ≤ 1 MGD.

j = Design disposal practice group based on 1986 NEEDS Survey responses where {j = 1, 2, 3, 4, 5, 6} is defined as

1 = land application

2 = distribution and marketing

3 = incineration

4 = monofill

5 = co-disposal landfill

6 = ocean disposal.

ij = Survey design stratum created by crossing the four levels of flow rate group with the six disposal practices. Thus, ij = 23 implies that the POTW was classified based on 1986 NEEDS Survey data as having an average daily flow rate less than or equal to 100 MGD but more than 10 MGD and incinerated its sludge {ij = 11, 12, 13,...,16, 21, 22,...,26,...,41,...,44, 45, 46}.

TABLE 3-1.

POTWS IN THE QUESTIONNAIRE SURVEY
1986 NEEDS FLOW RATE CLASSIFICATION VS. 1988 REPORTED FLOW RATE GROUP FREQUENCIES

1986 NEEDS Based Flow Rate Group	Frequency / Percent / Row Pct / Col Pct	1988 Reported Flow Rate Group: 1	2	3	4	5	6	7	total
	1	24	2	2	0	0	0	0	28
		5.01	0.42	0.42	0.00	0.00	0.00	0.00	5.85
		85.71	7.14	7.14	0.00	0.00	0.00	0.00	
		96.00	1.87	1.17	0.00	0.00	0.00	0.00	
	2	1	97	7	0	0	0	2	107
		0.21	20.25	1.46	0.00	0.00	0.00	0.42	22.34
		0.93	90.65	6.54	0.00	0.00	0.00	1.87	
		4.00	90.65	4.09	0.00	0.00	0.00	18.18	
	3	0	7	139	11	0	0	2	159
		0.00	1.46	29.02	2.30	0.00	0.00	0.42	33.19
		0.00	4.40	87.42	6.92	0.00	0.00	1.26	
		0.00	6.54	81.29	6.92	0.00	0.00	18.18	
	4	0	1	23	148	4	2	7	185
		0.00	0.21	4.80	30.90	0.84	0.42	1.46	38.62
		0.00	0.54	12.43	80.00	2.16	1.08	3.78	
		0.00	0.93	13.45	93.08	100.00	100.00	63.64	
	TOTAL	25	107	171	159	4	2	11	479
		5.22	22.34	35.70	33.19	0.84	0.42	2.30	100.00

Average Daily Flow Rate Groups:
1 = Greater than 100 MGD
2 = 10 < FLOW <= 100
3 = 1 < FLOW <= 10
4 = FLOW <= 1
5 = Out of Business
6 = Ineligible
7 = Nonrespondents

Subscript notation (continued):

k = Designates the kth POTW in the ij^{th} design stratum $\{k = 1, 2, 3, \ldots, n_{ij}\}$.

r = Reported flow rate group determined form the 1988 NSSS where $\{r = 1, 2, 3, 4, 5, 6\}$ are defined as

1 = FLOW > 100 million gallons per day (MGD)

2 = 10 < FLOW ≤ 100 MGD

3 = 1 < FLOW ≤ 10 MGD

4 = FLOW ≤ 1 MGD

5 = out of business

6 = ineligible

Define

y_{ijkr} = 1 if the kth POTW in the ij^{th} design stratum reported the rth flow rate group
= 0 otherwise.

N_{ij} = the number of POTWs in the ij^{th} stratum of the sampling frame.

n_{ij} = the number of POTWs in the ij^{th} stratum of the sample.

f_{ij} = the sampling fraction for the ij^{th} stratum where

$$f_{ij} = \frac{n_{ij}}{N_{ij}}.$$

Sampling fraction values for each survey stratum are listed in table 2-4.

To estimate the total number of POTWs in 1988 using each flow rate group, the number of POTWs used in a given flow rate group was first estimated for each survey stratum. The national estimate was then obtained by summing the strata estimates. That is,

$$\hat{Y}_r = \sum_{ij=11}^{46} \sum_{k=1}^{n_{ij}} \frac{Y_{ijkr}}{f_{ij}}.$$

Since y_{ijkr} equals 1 if the kth POTW in the ij^{th} survey stratum was classified in the rth flow rate group based 1988 average daily flow and is valued 0 otherwise, then the sum of y_{ijkr} over the index k determines the number of POTWs in the cell where the ij^{th} row intersects the rth column in a cross tabulation of the survey stratum versus reported flow rate group. Denote the number of POTWs in this cell as n_{ijr} where $n_{ijr} \le n_{ij}$. Therefore, the equation for estimating the national total for the rth flow rate group in 1988 becomes

$$\hat{Y}_r = \sum_{ij=11}^{46} N_{ij} \frac{n_{ijr}}{n_{ij}} .$$

The estimated variance for the rth flow rate group total is

$$V(\hat{Y}_r) = \sum_{ij=11}^{46} \frac{N^2{}_{ij}}{n_{ij}(n_{ij}-1)} (1-f_{ij}) \left[\sum_{k=1}^{n_{ij}} y^2{}_{ijk} - \frac{\left(\sum_{k=1}^{n_{ij}} y_{ijkr} \right)^2}{n_{ij}} \right] .$$

The value $(1 - f_{ij})$ is the finite population correction factor. Again, since y_{ijkr} takes on the values of 1 or 0 to designate 1988 classification in the rth flow rate group, then the sum of $Y_{ijkr}{}^2$ over the index k is equal to n_{ijr}, which is also equal to the sum of Y_{ijkr} over the index k. Therefore,

$$V(\hat{Y}_r) = \sum_{ij=11}^{46} \frac{N_{ij}{}^2}{n_{ij}} (n_{ij}-1) (1-f_{ij}) \left(n_{ijr} - \frac{(n_{ijr})^2}{n_{ij}} \right) .$$

For computational simplicity, define

$$\hat{p}_{ijr} = \frac{n_{ijr}}{n_{ij}}$$

and

$$\hat{q}_{ijr} = (1-\hat{p}_{ijr}) .$$

The variance of the total estimate can now be expressed as

$$V(\hat{Y}_r) = \sum_{ij=11}^{46} N^2{}_{ij} (1-f_{ij}) \frac{(\hat{p}_{ijr}\hat{q}_{ijr})}{n_{ij}-1} .$$

The final expression of the variance of the estimate of the total was used for estimate computation (appendix B).

Ninety-five percent confidence intervals were produced for the 1988 estimated total number of POTWs in the Nation in each of the four flow rate groups using the following formula:

$$\hat{Y}_r \pm 1.96 * V(\hat{Y}_r)^{1/2}.$$

Resulting point and interval estimates are recorded in table 3-2.

TABLE 3-2.

NATIONAL ESTIMATES OF POTWs BY AVERAGE DAILY FLOW GROUP

Reported Flow Group	1986 NEEDS Classification	1988 Estimated	Change 1988 Estimate -1986 NEEDS	Variance of the Estimate	Lower 95% CI on Estimate	Upper 95% CI on Estimate
> 100 MGD	28	26	-2	2.8	22.73	29.27
10 < FLOW <= 100	324	420	96	8,968.3	234.39	605.61
1 < FLOW <= 10	1,941	2,456	515	47,198.8	2,030.18	2,881.82
FLOW <= 1	9,114	8,090	-1,024	82,511.3	7,526.99	8,653.01
Out of Business	.	229	229	70,796.0	-292.51	750.51
Ineligible	.	186	186	16,808.7	-68.11	440.11
	======	======	=====			
	11,407	11,407	0			

4. CONCENTRATION ESTIMATES FOR THE TWENTY-EIGHT POLLUTANTS OF CONCERN

Pollutant concentration expected values and standard deviations for 28 pollutants of concern are reported in the Federal Register notice titled "National Sewage Sludge Survey: Availability of Information and Data, and Anticipates Impacts on 40 CFR Part 503." Concentration estimates are reported for these pollutants because these are the pollutants that the Agency proposed to regulate, in the February 6, 1989 Federal Register, based on toxicity, persistence, and health and environmental risk. Reported estimates were produced from National Sewage Sludge Survey (NSSS) pollutant concentration data using a modified maximum likelihood estimation technique with the assumption that pollutant concentrations follow a lognormal distribution. Procedures used to quantify and report pollutant concentrations from NSSS samples and the techniques used to estimate flow rate group and national pollutant concentrations from the data are discussed in this section.

Chemical analysis methods were adapted specifically for the NSSS to facilitate reliable measurement of pollutants from the sludge matrix (US EPA, 1989B). These methods and the procedure for reporting results are discussed in section 4.1. Because some pollutants were not detected in concentrations above the minimum level of detection, NSSS analytical data contains censored observations. An evaluation of the statistical methods available for analyzing data that contain quantitative and censored observations is presented in section 4.2. A discussion of the statistical procedures and assumptions used to estimate pollutant concentrations from NSSS data is provided in section 4.3. Finally, tabulated pollutant concentration estimates for the 28 pollutants of concern and graphical presentations of results are found in section 4.4.

4.1 CHEMICAL ANALYSIS METHODS AND REPORTING PROCEDURES

Samples of final process sewage sludge, collected prior to disposal from the 180 secondary treatment POTWs in the stratified NSSS analytical survey, were tested by EPA contract laboratories for 412 analytes. The list of tested analytes, which includes volatile and semi-volatile organics, metals, pesticides, dibenzofurans, dioxins, and PCBs, was formed from the CWA Section 307(a) priority pollutants, toxic compounds highlighted in the Domestic Sewage Sludge Study, RCRA Appendix VIII pollutants, and contaminants of suspected concern in municipal sludge. Specific analytical protocols were developed for the NSSS to facilitate reliable measurement of pollutant concentrations from the sludge matrix. Methods 1624 and 1625 for quantifying volatile and semi-volatile organic analytes, respectively, were augmented with gel permeation procedures for sample cleanup. Likewise, ultrasonic techniques in conjunction with extraction procedures increased the precision and accuracy of pesticides, PCBs, dibenzofurans, and dioxin concentration determinations. Each analyte was assigned a minimum level, a form of "detection limit" used by the Agency, in the analytical method protocol.

If an analyte was quantified above the minimum level, as adjusted for interferences, the measured concentration in dry weight units is reported under

the variable "AMOUNT" in the NSSS data base. However, if analytical testing did not yield a concentration above the minimum level, the dry weight value of the minimum level is recorded for the sample in the variable "DETLIMIT." Minimum level, as applied to the determination of pollutants by gas chromatography combined with mass spectrometry (GCMS), is defined by the EPA's Industrial Technology Division as the level at which the entire analytical system shall give recognizable mass spectra and acceptable calibration points. In the NSSS, the minimum level is roughly equivalent to the minimum concentration or amount of pollutant that could be measured.

NSSS pollutant concentrations and minimum levels were reported in dry weight units due to differences in the solids contents of sludge samples. A pollutant concentration reported in dry weight units is a function of the sample's percent solids. Percent solids range from less than 1 percent to 100 percent in NSSS samples. A standardized reporting unit allows all sludges to be evaluated on the same basis with respect to pollutant loads. Implicit in this form of reporting is that pollutants are associated with the solid phase of sludge.

Dry weight and wet weight NSSS pollutant concentrations are plotted against percent solids for each of the pollutants of concern in figures 4-1 through 4-68. These graphics are located at the end of section 4. A density of 1 is assumed for conversions. Dry weight pollutant concentrations against sample percent solids are displayed by the odd-numbered figures. Even-numbered figures present wet weight pollutant concentrations plotted against sample percent solids. For a given pollutant, the wet weight plot generally illustrates that pollutant concentrations detected above the minimum level tend to increase with increasing percent solids. However, when dry weight concentrations for the same pollutant are plotted against percent solids, this increasing trend is no longer evident. That is, dry weight pollutant concentrations appear to be randomly dispersed with respect to percent solids. Since the conversion from wet to dry weight concentration takes into account percent solids, this random dispersion of detected pollutant concentrations reinforces the assertion that differing percent solids sludge samples can be evaluated on the same basis with respect to pollutant load if dry weight measurements are used in the analyses.

For any given analyte, the values recorded under the variable "DETLIMIT" are not constant. A constant value would imply that a fixed volume or amount was tested for all samples with no dilution of the sample or extract and that there was no matrix effect (ie., interference from the sludge sample). This was not the case. All analytical protocols specified the volume or amount of sludge to be tested. However, when matrix interferences prevented accurate determination of pollutant concentration, samples were diluted with reagent water and analyzed. The purpose of dilution was to negate matrix effects. The minimum level for a diluted sample was raised by the dilution factor, however. For example, if a sample was diluted by a factor of 10, then the minimal level was raised by a factor of 10. Analytical protocols provided explicit guidance as to the limits of dilution.

Likewise, the reporting of analytical results in units per kilogram influences the values reported in the data base. As mentioned previously, the percent solids of NSSS samples range from 1 to 100 percent. Because the dry weight pollutant concentrations and minimum levels are a function of the percent

solids in a sample, the range in percent solids also is reflected in reported pollutant concentrations or minimum levels. For example, assuming that there was no dilution of samples and that the same quantity of sludge was tested, the value recorded under "DETLIMIT" for a sample with 1 percent solids would be 10 times higher than that reported for a sample with 10 percent solids. This is because it would take 10 times the quantity of the 1 percent solids sample to produce the same amount of solids in the 10 percent solids sample.

Figure 4-34 illustrates the wet weight of mercury for NSSS samples. Mercury concentrations detected above the minimum level are distinguished by the triangle symbol and defined in the exhibit key as "Above Minimum Level." This contrasts the samples that were not measured above the minimum level that are identified by the symbol 'x' and are listed in the exhibit key as minimum levels. Notice that the majority of "nondetect" samples have 0.01 mg/l as the minimum level. The effect of sample percent solids on the dry weight reporting of mercury minimum levels is illustrated by the plot of dry weight mercury concentrations in figure 4-33.

Because POTWs in the NSSS were sampled according to flow rate strata, a test was performed to determine if there was a statistical association between flow rate group and a categorical variable created from percent solids data. The levels of the percent solids categorical variable were greater than 30 percent solids, between 1 and 30 percent solids, and less than 1 percent solids. These three percent solids categories were selected to parallel the percent solids categories that differentiate sample preparation procedures in the analytical protocols. The cross-tabulation of these two variables is listed in table 4-1.

The statistical test of association incorporated the ordinal nature of both variables. Specifically, a Chi-square statistic with one degree of freedom was calculated by squaring the z-score determined from the difference in the number of concordant and discordant pairs. The number of concordant and discordant pairs was determined according to the method listed in a monograph by B.S. Everitt titled The Analysis of Contingency Tables (1977). Standard error for the estimate of the difference in concordant and discordant pairs was derived using the delta method under the assumption that the difference between concordant and discordant pairs is 0. This Chi-square test with one degree of freedom is a consistent test against monotonic departures from the null hypothesis that the two variables are distributed independently.

The calculated z-score from this test was 0.5675 and the Chi-square value is 0.3221. The attained significance value for this statistic is more than 0.5 but less than 0.9. Therefore, there is insufficient evidence to reject the null hypothesis that the distribution of percent solids and flow rate group are independent.

4.2 PARAMETER ESTIMATION WITH CENSORED DATA

When an analyte is not measured above the minimum level, the data point recording the dry weight minimum level for that sample is considered "left censored." Left censoring implies that the analyte concentration in a sample falls within a restricted range. That is, the concentration in the sample is less

TABLE 4-1.

FREQUENCY OF PERCENT SOLIDS IN NATIONAL SEWAGE SLUDGE SURVEY SAMPLES BY FLOW RATE GROUP

	Frequency Percent Row Pct Col Pct	Percent Solids >30%	1%-30%	<1%	total
1986 NEEDS based Flow Rate Group	>100 MGD	9 4.50 34.62 14.52	17 8.50 65.38 13.28	0 0.00 0.00 0.00	26 13.00
	10-100 MGD	16 8.00 26.23 25.81	45 22.50 73.77 35.16	0 0.00 0.00 0.00	61 30.50
	1-10 MGD	22 11.00 31.43 35.48	44 22.00 62.86 34.38	4 2.00 5.71 40.00	70 35.00
	≤1 MGD	15 7.50 34.88 24.19	22 11.00 51.16 17.19	6 3.00 13.95 60.00	43 21.50
	TOTAL	62 31.00	128 64.00	10 5.00	200 100.00

than or "to the left of" the minimum level value. When the censoring points (ie., dry weight minimum levels) differ because of differences in the sludge matrix, the data are considered to be multicensored.

Several statistical methods are available for estimating pollutant concentration descriptive statistics when the data contain multiple censor points. The most commonly applied methods include (1) ignoring the censored observations, (2) setting all censored observations equal to 0, and (3) setting the censored observation to either the minimum limit of detection or some fraction of the limit of detection. Ignoring censored data will usually result in descriptive statistics that overestimate true pollutant concentration values. Setting censored data points to 0 will underestimate true pollutant concentration values. Equating censored points to the minimum level of detection will overestimate pollutant concentrations.

Other methods for estimating multicensored data exist but are used less frequently. Generally, these methods consist of "fill-in" and maximum likelihood procedures. "Fill-in" procedures replace censored data points with pollutant concentrations that have been estimated from the measured or noncensored data points. In maximum likelihood procedures developed by Cohen (1959), pollutant concentrations are estimated by maximizing likelihood equations that incorporate both the data measured above the minimum level and censored data point values.

Eight procedures for calculating descriptive statistics from data with a single censor point value were evaluated by Gilliom and Helsel of the U.S. Geological Survey (USGS) in 1986. These procedures included simple substitution, "fill-in," and maximum likelihood techniques. Monte Carlo experiments with singularly censored data from distributions that mimic the distribution of water quality measures were used to evaluate the accuracy and reliability of the eight methods. Simulation results indicated that simple substitution methods produce biased and highly variable estimates. The maximum likelihood procedure and a probability plotting "fill-in " procedure, performed on natural logarithm transformed data, produced the lowest errors of estimation. That is, estimated statistics were the closest to the known population values. The most reliable estimates of the mean and standard deviation were produced by the probability plotting procedure, while the maximum likelihood technique produced the best median and percentile estimates. Application of these techniques to actual water quality data confirmed these conclusions.

In 1988, Helsel and Cohn of the USGS extended their study to include multiple censor points. Two approaches to producing estimates were used in this later study. In the first approach, the maximum value of the multiple censor points was determined, and single censor techniques were applied using this maximum value. In the second approach, methods were evaluated using multiple censor points. The methods using multiple censor points were shown to be better than the application of single censor methods. Conclusions in the presence of multiple censor points were the same as those drawn from the studies with single censor points. Although the "fill-in" procedure is more robust to departures from lognormality, the maximum likelihood technique is more desirable when lognormality of the distribution of pollutants can be assumed. In their 1988 publication, Helsel and Cohn state, "When utilized correctly, 'less than' values

frequently contain nearly as much information for estimating population moments and quantiles as would the same observation had the detection limit been below them."

4.3 POLLUTANT CONCENTRATION ESTIMATION PROCEDURES

Pollutant concentration descriptive statistics for the NSSS were estimated as weighted functions of estimates from each of the four flow rate strata in the survey design. Stratum estimates were produced using the multiple censor point maximum likelihood technique. This technique, which requires the assumption that pollutant concentrations follow a lognormal distribution, was the method of choice for two reasons: (1) the lognormal distribution is commonly used because it generally provides a good approximation to the distribution of pollutant concentrations, and (2) there was an insufficient number of samples detected above the minimum level to use the "fill-in" technique for some strata.

For the ith flow rate stratum, maximum likelihood estimates (MLE) of the mean (μ_i) and variance (σ^2_i) of pollutant concentration were obtained by minimizing the following loss function:

$$LOSS_i = -\prod_{i=1}^{n_i}\left[I(X_{ij}>ML)\frac{1}{X_{ij}\sqrt{2\pi\sigma^2_i}}\exp\left\{-\frac{1}{2}\left(\frac{lnX_{ij}-\mu_i}{\sigma_i}\right)^2\right\} + I(X_{ij}\le ML)\,\Phi\left(\frac{lnX_{ij}-\mu_i}{\sigma_i}\right)\right].$$

Note that minimizing this loss function is tantamount to maximizing the likelihood function. In the loss function expression, $\ln(X_{ij})$ is the natural logarithm transform of the pollutant concentration for the jth sample from the ith stratum. The first indicator function $I(X_{ij} > ML)$ takes on the value 1 if the pollutant concentration from the jth sample from the ith flow rate stratum is greater than the minimum level and 0 if otherwise. The second indicator function, $I(X_{ij} \le ML)$, has a value of 1 if the pollutant concentration in the ij^{th} sample is not measured above the minimum level and 0 if it is. Therefore, observations above the minimum level enter the loss function in the standard fashion. On the other hand, censored observations contribute to the loss function through the lognormal cumulative distribution function.

Iterative techniques were used to determine values of the mean (μ_i) and variance (σ^2_i) that minimize the loss function for pollutant concentrations from the ith stratum. The first technique, known as the Simplex algorithm, employs direct search techniques and does not require a Hessian matrix of second derivatives to determine the step direction of each iteration. The second technique, the Quasi-Newton algorithm, makes use of information in the Hessian matrix. Quasi-Newton algorithms approximate the Hessian matrix at each iteration. A singular or nondefined Hessian matrix precludes parameter estimation.

Several runs were made using both minimization techniques to estimate the MLE concentrations for each stratum. The runs differed in the values of the mean and variance supplied to the algorithms as starting points. Regardless of the starting points, the same MLEs were produced from each run provided that the stratum had at least one noncensored data point. That is, for a given pollutant*stratum, the same MLEs resulted from both minimization techniques from each series of starting values. These estimates are listed in exhibit B-9 of appendix B. When all data points were censored, the resulting MLEs were not unique. These estimates are listed as missing in exhibit B-9.

Functions of the maximum likelihood mean and variance estimates for each pollutant*stratum were exponentiated to determine the mean, or expected concentration value of X_i, and the variance of X_i. The variable X_i designates pollutant concentration from the ith flow rate stratum from the survey design. Again, X_i is assumed to be distributed lognormally. For a given pollutant, the expected pollutant concentration $E(X_i)$ and variance $V(X_i)$ for each stratum were estimated as follows:

$$E(X_i) = \exp(\hat{\mu}_i + \frac{1}{2}\hat{\sigma}^2{}_i)$$

$$V(X_i) = \exp(2\hat{\mu}_i + \hat{\sigma}^2{}_i)(\exp(\hat{\sigma}^2{}_i) - 1).$$

In this expression, $\hat{\mu}_i$ is the MLE of the ith stratum mean, and $\hat{\sigma}^2{}_i$ is the adjusted MLE of the variance for the ith stratum. The MLE of the variance ($\sigma^2{}_i$) was multiplied by a factor of $n_i/(n_i-1)$ where n_i is the number of independent samples in the ith stratum. This adjustment was made to correct for bias in the MLE estimate of the variance.

National pollutant concentration estimates were calculated as weighted estimates of the expected pollutant concentrations and variances of each stratum. These estimates were only produced for the 17 pollutants having all four strata estimates. The stratum weights, denoted w_i, are determined from N_i/N where N_i is the number of secondary POTWs in the ith flow rate stratum in the analytical sampling frame, and N is the total number of POTWs in the sampling frame.

Stratum weights for the analytical survey are listed below.

Stratum	N_i/N	Weight
1 = FLOW > 100 MGD	28/11,346	w_1 = 0.002
2 = 10 < FLOW ≤ 100 MGD	324/11,346	w_2 = 0.029
3 = 1 < FLOW ≤ 10 MGD	1,927/11,346	w_3 = 0.170
4 = FLOW ≤ 1 MGD	9,067/11,346	w_4 = 0.799

National expected pollutant concentrations E(X) were calculated as

$$E(X) = \sum_{i=1}^{4} w_i E(X_i) .$$

Pollutant concentration variance V(X) was estimated as a function of within and between strata variance components. The estimator used for NSSS pollutants will first be motivated by an expression of the unbiased estimate of population variance based on proportional stratified sampling. This expression, listed in Sampling Survey Methods and Theory, Volume II (Hansen, Hurwitz, and Madow, 1953, page 138), is

$$V(X) = \frac{1}{n}\sum_{h}^{L}\sum_{i}^{n_h} (x_{hi}-\bar{x})^2 + \frac{1-f}{n} S^2{}_{wX}$$

where

$$S^2{}_{wX} = \frac{1}{n}\sum_{h}^{L} n_h S^2{}_{hX}.$$

The subscript h designates the stratum while the subscript i indicates the ith observation in the stratum. $S^2{}_{wX}$ defines the weighted sum of within-stratum variances for the random variable X.

Under proportional stratified sampling

$$\frac{n_h}{n} = \frac{N_h}{N}$$

where n_h is the sample size for stratum h and n is the sum of sample sizes over all strata. Likewise, N_h is the number of elements in the sampling frame stratum and N is the total number of elements in the sampling frame. N is obtained by summing N_h over all strata.

The sampling fraction, f_h, is the same for all strata under proportional stratification since for every stratum

$$\frac{n_h}{n} = \frac{N_h}{N} \Rightarrow \frac{n_h}{N_h} = \frac{n}{N} \Rightarrow f_h = f.$$

Therefore,

$$\frac{1}{n} = \frac{N_h}{N}\frac{1}{n_h}$$

can be expressed as

$$\frac{1}{n} = \frac{w_h}{n_h}.$$

The variance, V(X), for a stratified sample becomes

$$V(X) = \sum_{h}^{L}\sum_{i=1}^{n_h} \frac{w_h}{n_h}(x_{hi}-\bar{x})^2 + \sum_{h}^{L}(1-f_h)\frac{w_h^2}{n_h}S^2{}_{hX}.$$

The first term in this variance expression can be written as

$$\sum_{h}^{L}\sum_{i=1}^{n_h} \frac{w_h}{n_h}(x_{hi}-\bar{x}_h+\bar{x}_h-\bar{x})^2$$

which equals

$$\sum_{h}^{L}\sum_{i=1}^{n_h} \frac{w_h}{n_h}(x_{hi}-\bar{x}_h)^2 + \sum_{h}^{L} w_h(\bar{x}_h-\bar{x})^2.$$

After combining like terms, the variance estimate is written as

$$V(X) = \sum_{h}^{L} S^2{}_{hX}\frac{w_h}{n_h}(n_h-1+w_h(1-f_h)) + \sum_{h}^{L} w_h(\bar{x}_h-\bar{x})^2.$$

where

$$S^2{}_{hX} = \sum_{i=1}^{n_h} \frac{(x_{hi}-\bar{x}_h)^2}{n_h-1}$$

defines the within-stratum variance component. The second term in the expression for the variance estimator is the between strata sums of squares.

Therefore, pollutant concentration variance was estimated from the NSSS as

$$V(X) = \sum_{i=1}^{4} V(X_i)\frac{w_i}{n_i}(n_i-1+w_i(1-f_i)) + \sum_{i=1}^{4} w_i(E(X_i)-E(X))^2.$$

4.4 POLLUTANT CONCENTRATION ESTIMATES FOR THE 28 POLLUTANTS OF CONCERN

Estimates of pollutant concentration means, standard deviations, and coefficients of variation produced using the methods described in section 4.3 are listed for the 28 pollutants of concern in table 4.2. Actually, table 4.2 reports concentration estimates for 34 pollutants because seven PCB congeners were analyzed as part of the NSSS.

Of the 17 pollutants for which national pollutant concentration estimates were produced from the NSSS data, pollutants with higher detection rates tended to have the smaller coefficients of variation. One pollutant, PCB-1254, had an unrealistic estimate. Although this pollutant was detected above the minimum level about 8 percent of the time, it was detected at concentrations about 10 times higher than the minimum level values in each stratum. This resulted in large MLEs of strata variances that are used to produce estimates of both the expected value of the pollutant concentration E(X) and the variance of the pollutant concentration V(X). Review of the raw data strongly suggests that the assumption that pollutant concentration is distributed lognormally is not applicable in the case of PCB-1254.

Estimates of pollutant concentration means, standard deviations, and coefficients of variation were also generated from the NSSS data using two substitution methods for censored data. These estimates were produced for comparison with estimates generated from the multicensored lognormal procedure. In the first substitution method, the minimum level value was substituted for observations that were censored. In the second method, censored data points were replaced by the value 0. For both methods, national estimates were then produced as weighted combinations of arithmetic stratum estimates. The weights applied are those listed in section 4.3. An estimate of the between strata variance component, as discussed in section 4.3, was incorporated into the national estimate of pollutant concentration variance. Arithmetic estimates using both substitution methods for censored data and the estimates produced by the multicensored lognormal procedure are listed in table 4-3.

Estimates of the mean pollutant concentration produced using the assumption of lognormality were found to be generally lower than estimates generated when the minimum level was substituted for censored data. On the other hand, the mean pollutant concentration estimated under the assumption of lognormality was higher than estimates produced when no pollutant was assumed to be present in samples from which the pollutant was not detected above the minimum level. The exceptions to this are bis(2-ethylhexyl) phthalate, copper, the three PCBs with detection rates greater than zero, and zinc. Mean estimates produced under the assumption of lognormality are weighted linear combinations of exponentiated functions of stratum MLEs of pollutant concentration means and variances. That is, an estimate of the lognormal variance is incorporated into the estimate of the stratum mean estimate under the assumption of lognormality. Mean estimates resulting from the substitution methods do not incorporate a variance term.

TABLE 4-2.

STRATA AND NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY ASSUMING A LOGNORMAL DISTRIBUTION OF CONCENTRATION

Analyte	Unit	Stratum	Number of Samples	Percent Detect	Mean	Standard Deviation	Coefficient of Variation (CV)
Aldrin	µg/kg	> 100 MGD	26	4	3.57	176.03	49.29
		10 < FLOW <= 100	61	5	7.36	968.73	131.69
		1 < FLOW <= 10	69	4	2.60	50.49	19.44
		FLOW <= 1	42	2	1.50	57.40	38.14
		National	198	3	1.86	171.63	92.15
Arsenic	mg/kg	> 100 MGD	26	77	7.71	5.58	0.72
		10 < FLOW <= 100	61	85	12.08	17.04	1.41
		1 < FLOW <= 10	70	83	9.72	10.91	1.12
		FLOW <= 1	42	79	9.91	20.24	2.04
		National	199	80	9.93	18.84	1.90
Benzene	µg/kg	> 100 MGD	26	8	95.12	12,348.51	129.82
		10 < FLOW <= 100	61	2	9.74	2.08	0.21
		1 < FLOW <= 10	70	0	.	.	.
		FLOW <= 1	43	0	.	.	.
		National	200	0	.	.	.
Benzo(A)pyrene	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	5	.	.	.
		1 < FLOW <= 10	70	3	217.48	401.15	1.84
		FLOW <= 1	43	2	230.51	450.47	1.95
		National	200	3	.	.	.
Beryllium	mg/kg	> 100 MGD	26	42	0.52	0.14	0.28
		10 < FLOW <= 100	61	21	0.37	0.45	1.22
		1 < FLOW <= 10	70	36	0.48	0.41	0.86
		FLOW <= 1	42	19	0.35	0.32	0.90
		National	199	23	0.37	0.34	0.92

• = Nonestimable.
* = National Estimates Determined as Weighted Sums of Stratum Estimates.
CV = Standard Deviation Divided by the Mean.

TABLE 4-2. (Continued)

STRATA AND NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
ASSUMING A LOGNORMAL DISTRIBUTION OF CONCENTRATION

Analyte	Unit	Stratum	Number of Samples	Percent Detect	Mean	Standard Deviation	Coefficient of Variation (CV)
Bis(2-Ethylhexyl) Phthalate	µg/kg	> 100 MGD	26	92	297,021.56	2,301,006.97	7.75
		10 < FLOW <= 100	61	84	163,309.10	474,398.95	2.90
		1 < FLOW <= 10	70	86	148,606.62	758,645.25	5.11
		FLOW <= 1	43	53	55,166.28	550,297.61	9.98
		National	200	62	74,721.17	598,375.57	8.01
Cadmium	mg/kg	> 100 MGD	26	92	44.17	75.97	1.72
		10 < FLOW <= 100	61	93	22.84	44.52	1.95
		1 < FLOW <= 10	69	78	9.16	10.72	1.17
		FLOW <= 1	42	64	5.78	6.84	1.18
		National	198	69	6.94	11.76	1.69
Chlordane	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	1	22.02	789.48	35.86
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
Chromium	mg/kg	> 100 MGD	26	100	461.41	682.09	1.48
		10 < FLOW <= 100	61	100	281.40	503.53	1.79
		1 < FLOW <= 10	70	99	160.57	286.16	1.78
		FLOW <= 1	42	88	102.77	338.99	3.30
		National	199	91	118.57	339.16	2.86
Copper	mg/kg	> 100 MGD	26	100	783.65	645.52	0.82
		10 < FLOW <= 100	61	100	746.77	616.35	0.83
		1 < FLOW <= 10	70	100	670.68	702.50	1.05
		FLOW <= 1	42	100	755.86	1,020.48	1.35
		National	199	100	741.20	961.78	1.30

• = Nonestimable.
* = National Estimates Determined as Weighted Sums of Stratum Estimates.
CV = Standard Deviation Divided by the Mean.

TABLE 4-2. (Continued)

STRATA AND NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
ASSUMING A LOGNORMAL DISTRIBUTION OF CONCENTRATION

Analyte	Unit	Stratum	Number of Samples	Percent Detect	Mean	Standard Deviation	Coefficient of Variation (CV)
Dieldrin	µg/kg	> 100 MGD	26	4	2.24	24.94	11.13
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	3	2.70	238.60	88.22
		FLOW <= 1	42	5	3.17	86.84	27.42
		National	198	4	.	.	.
Heptachlor	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	2	2.81	4.67	1.66
		1 < FLOW <= 10	69	0	.	.	.
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
Hexachlorobenzene	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	70	0	.	.	.
		FLOW <= 1	43	0	.	.	.
		National	200	0	.	.	.
Hexachlorobutadiene	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	70	0	.	.	.
		FLOW <= 1	43	0	.	.	.
		National	200	0	.	.	.
Lead	mg/kg	> 100 MGD	26	100	232.22	162.70	0.70
		10 < FLOW <= 100	61	98	243.38	286.44	1.18
		1 < FLOW <= 10	70	87	156.99	150.58	0.96
		FLOW <= 1	42	76	125.36	201.79	1.61
		National	199	80	134.37	197.79	1.47

. = Nonestimable.
* = National Estimates Determined as Weighted Sums of Stratum Estimates.
CV = Standard Deviation Divided by the Mean.

TABLE 4-2. (Continued)

STRATA AND NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
ASSUMING A LOGNORMAL DISTRIBUTION OF CONCENTRATION

Analyte	Unit	Stratum	Number of Samples	Percent Detect	Mean	Standard Deviation	Coefficient of Variation (CV)
Lindane (Gamma-BHC)	μg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	2	3.88	454.00	116.98
		1 < FLOW <= 10	69	1	5.70	3,775.57	662.92
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
Mercury	mg/kg	> 100 MGD	26	88	2.36	1.57	0.67
		10 < FLOW <= 100	61	85	2.94	2.70	0.92
		1 < FLOW <= 10	70	79	3.96	3.64	0.92
		FLOW <= 1	42	57	5.58	17.30	3.10
		National	199	63	5.22	15.54	2.98
Molybdenum	mg/kg	> 100 MGD	26	69	8.08	6.10	0.76
		10 < FLOW <= 100	61	77	12.98	17.18	1.32
		1 < FLOW <= 10	70	66	10.31	11.05	1.07
		FLOW <= 1	42	48	8.89	17.54	1.97
		National	199	53	9.24	16.58	1.79
N-Nitrosodimethylamine	μg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	70	0	.	.	.
		FLOW <= 1	43	0	.	.	.
		National	200	0	.	.	.
Nickel	mg/kg	> 100 MGD	26	96	90.30	113.19	1.25
		10 < FLOW <= 100	61	97	81.96	108.17	1.32
		1 < FLOW <= 10	70	81	48.36	49.23	1.02
		FLOW <= 1	42	60	39.90	101.25	2.54
		National	199	66	42.66	94.83	2.22

. = Nonestimable.
* = National Estimates Determined as Weighted Sums of Stratum Estimates.
CV = Standard Deviation Divided by the Mean.

TABLE 4-2. (Continued)

STRATA AND NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
ASSUMING A LOGNORMAL DISTRIBUTION OF CONCENTRATION

Analyte	Unit	Stratum	Number of Samples	Percent Detect	Mean	Standard Deviation	Coefficient of Variation (CV)
PCB-1016	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	0	.	.	.
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
PCB-1221	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	0	.	.	.
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
PCB-1232	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	0	.	.	.
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
PCB-1242	µg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	0	.	.	.
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
PCB-1248[Δ]	µg/kg	> 100 MGD	26	12	106.23	437.69	4.12
		10 < FLOW <= 100	61	10	223.39	8,123.00	36.36
		1 < FLOW <= 10	69	12	153.20	1,926.23	12.57
		FLOW <= 1	42	10	64.66	225.89	3.49
		National	198	10	84.34	1,586.26	18.81

• = Non-Estimable.
* = National Estimates Determined as Weighted Sums of Stratum Estimates.
CV = Standard Deviation Divided by the Mean.
Δ = PCB Concentrations, Although Not Detected Frequently, Indicate a Violation of the Lognormal Distribution Assumption Used to Generate Estimates. Therefore, Estimates are not Considered Realistic.

TABLE 4-2. (Continued)

STRATA AND NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
ASSUMING A LOGNORMAL DISTRIBUTION OF CONCENTRATION

Analyte	Unit	Stratum	Number of Samples	Percent Detect	Mean	Standard Deviation	Coefficient of Variation (CV)
PCB-1254[Δ]	μg/kg	> 100 MGD	26	8	2,463.55	8,291,321.77	3,365.59
		10 < FLOW <= 100	61	2	44.25	13,571.51	306.70
		1 < FLOW <= 10	69	4	132.67	23,218.15	175.01
		FLOW <= 1	42	10	148,576.26	91,326,544,085.38	614,677.89
		National	198	8	118,762.55	81,514,762,398.43	686,367.54
PCB-1260[Δ]	μg/kg	> 100 MGD	26	15	182.89	1,202.71	6.58
		10 < FLOW <= 100	61	8	72.47	221.76	3.06
		1 < FLOW <= 10	69	9	112.43	1,629.78	14.50
		FLOW <= 1	42	10	178.59	7,071.84	39.60
		National	198	9	164.33	6,347.69	38.63
Selenium	mg/kg	> 100 MGD	26	62	5.21	7.29	1.40
		10 < FLOW <= 100	61	82	5.21	5.08	0.97
		1 < FLOW <= 10	70	64	5.59	5.98	1.07
		FLOW <= 1	42	64	5.07	7.68	1.51
		National	199	65	5.16	7.34	1.42
Toxaphene	μg/kg	> 100 MGD	26	0	.	.	.
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	0	.	.	.
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
Trichloroethene	μg/kg	> 100 MGD	26	4	8.18	8.36	1.02
		10 < FLOW <= 100	61	5	59.42	6947.10	116.92
		1 < FLOW <= 10	70	4	.	.	.
		FLOW <= 1	43	0	.	.	.
		National	200	1	.	.	.

• = Non-Estimable.
* = National Estimates Determined as Weighted Sums of Stratum Estimates.
CV = Standard Deviation Divided by the Mean.
Δ = PCB Concentrations, Although Not Detected Frequently, Indicate a Violation of the Lognormal Distribution Assumption Used to Generate Estimates. Therefore, Estimates are not Considered Realistic.

TABLE 4-2. (Continued)

STRATA AND NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
ASSUMING A LOGNORMAL DISTRIBUTION OF CONCENTRATION

Analyte	Unit	Stratum	Number of Samples	Percent Detect	Mean	Standard Deviation	Coefficient of Variation (CV)
Zinc	mg/kg	> 100 MGD	26	100	1,400.63	981.31	0.70
		10 < FLOW <= 100	61	100	1,584.87	1,599.72	1.01
		1 < FLOW <= 10	70	100	1,707.99	2,346.10	1.37
		FLOW <= 1	42	100	1,080.02	1,306.42	1.21
		National	199	100	1,201.88	1,554.42	1.29
4,4'-DDD	µg/kg	> 100 MGD	26	4	61.75	44.76	0.72
		10 < FLOW <= 100	61	0	.	.	.
		1 < FLOW <= 10	69	0	.	.	.
		FLOW <= 1	42	0	.	.	.
		National	198	0	.	.	.
4,4'-DDE	µg/kg	> 100 MGD	26	4	55.63	30.93	0.56
		10 < FLOW <= 100	61	2	51.50	23.50	0.46
		1 < FLOW <= 10	69	3	65.03	59.61	0.92
		FLOW <= 1	42	0	.	.	.
		National	198	1	.	.	.
4,4'-DDT	µg/kg	> 100 MGD	26	12	22.49	12.25	0.54
		10 < FLOW <= 100	61	3	22.82	13.78	0.60
		1 < FLOW <= 10	69	1	25.43	23.05	0.91
		FLOW <= 1	42	2	30.22	36.37	1.20
		National	198	2	29.18	33.96	1.16

• = Nonestimable.
* = National Estimates Determined as Weighted Sums of Stratum Estimates.
CV = Standard Deviation Divided by the Mean.

TABLE 4-3.

NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY USING LOGNORMAL AND SUBSTITUTION METHOD ESTIMATION PROCEDURES

Analyte	Unit	Percent Detect	Estimation Procedure*	Mean	Standard Deviation	Coefficient of Variation (CV)
Aldrin	µg/kg	3	SM-0	0.57	3.51	6.11
			LN-MLE	1.86	171.63	92.15
			SM-ML	12.80	13.42	1.05
Arsenic	mg/kg	80	SM-0	9.15	16.17	1.77
			LN-MLE	9.93	18.84	1.90
			SM-ML	10.70	16.06	1.50
Benzene	µg/kg	0	SM-0	0.04	2.51	63.64
			LN-MLE	.	.	.
			SM-ML	996.26	4,101.40	4.12
Benzo(A)pyrene	µg/kg	3	SM-0	57.50	905.46	15.75
			LN-MLE	.	.	.
			SM-ML	9,377.76	13,159.92	1.40
Beryllium	mg/kg	23	SM-0	0.14	0.33	2.37
			LN-MLE	0.37	0.34	0.92
			SM-ML	1.84	2.37	1.29
Bis(2-Ethylhexyl) Phthalate	µg/kg	62	SM-0	45,561.80	102,394.83	2.25
			LN-MLE	74,721.17	598,375.57	8.01
			SM-ML	51,013.23	100,602.99	1.97
Cadmium	mg/kg	69	SM-0	6.43	21.87	3.45
			LN-MLE	6.94	11.76	1.69
			SM-ML	9.61	21.86	2.27
Chlordane	µg/kg	0	SM-0	1.20	24.25	20.15
			LN-MLE	.	.	.
			SM-ML	312.54	334.57	1.07

* SM-0 = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to Zero.
LN-MLE = Weighted Functions of Stratum Multiple Censor Point MLEs. Lognormality Assumed.
SM-ML = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to the Minimum Level.

. = Nonestimable.
CV = Standard Deviation Divided by the Mean.

TABLE 4-3. (Continued)

NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
USING LOGNORMAL AND SUBSTITUTION METHOD ESTIMATION PROCEDURES

Analyte	Unit	Percent Detect	Estimation Procedure*	Mean	Standard Deviation	Coefficient of Variation (CV)
Chromium	mg/kg	91	SM-0	153.01	417.66	2.73
			LN-MLE	118.57	339.16	2.86
			SM-ML	155.94	416.68	2.67
Copper	mg/kg	100	SM-0	659.57	576.36	0.87
			LN-MLE	741.20	961.78	1.30
			SM-ML	659.57	576.36	0.87
Dieldrin	μg/kg	4	SM-0	1.03	5.45	5.28
			LN-MLE	.	.	.
			SM-ML	13.19	13.71	1.04
Heptachlor	μg/kg	0	SM-0	0.01	0.49	46.18
			LN-MLE	.	.	.
			SM-ML	24.97	26.76	1.07
Hexachlorobenzene	μg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	9,334.84	13,160.71	1.41
Hexachlorobutadiene	μg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	9,334.84	13,160.71	1.41
Lead	mg/kg	80	SM-0	115.93	162.44	1.40
			LN-MLE	134.37	197.79	1.47
			SM-ML	140.11	155.98	1.11
Lindane (Gamma-BHC)	μg/kg	0	SM-0	0.22	4.06	18.46
			LN-MLE	.	.	.
			SM-ML	31.48	33.55	1.07

* SM-0 = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to Zero.
LN-MLE = Weighted Functions of Stratum Multiple Censor Point MLEs. Lognormality Assumed.
SM-ML = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to the Minimum Level.

. = Nonestimable.
CV = Standard Deviation Divided by the Mean.

TABLE 4-3. (Continued)

NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
USING LOGNORMAL AND SUBSTITUTION METHOD ESTIMATION PROCEDURES

Analyte	Unit	Percent Detect	Estimation Procedure*	Mean	Standard Deviation	Coefficient of Variation (CV)
Mercury	mg/kg	63	SM-0	3.90	8.78	2.25
			LN-MLE	5.22	15.54	2.98
			SM-ML	6.58	8.94	1.36
Molybdenum	mg/kg	53	SM-0	6.63	11.60	1.75
			LN-MLE	9.24	16.58	1.79
			SM-ML	14.36	14.08	0.98
N-Nitrosodimethylamine	µg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	46,674.18	65,803.53	1.41
Nickel	mg/kg	66	SM-0	43.59	95.98	2.20
			LN-MLE	42.66	94.83	2.22
			SM-ML	56.89	93.29	1.64
PCB-1016	µg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	249.60	267.57	1.07
PCB-1221	µg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	249.60	267.57	1.07
PCB-1232	µg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	249.60	267.57	1.07
PCB-1242	µg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	249.60	267.57	1.07

* SM-0 = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to Zero.
LN-MLE = Weighted Functions of Stratum Multiple Censor Point MLEs. Lognormality Assumed.
SM-ML = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to the Minimum Level.

. = Nonestimable.
CV = Standard Deviation Divided by the Mean.

TABLE 4-3. (Continued)

NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
USING LOGNORMAL AND SUBSTITUTION METHOD ESTIMATION PROCEDURES

Analyte	Unit	Percent Detect	Estimation Procedure*	Mean	Standard Deviation	Coefficient of Variation (CV)
PCB-1248[Δ]	μg/kg	10	SM-0	37.50	175.00	4.67
			LN-MLE	84.34	1,586.26	18.81
			SM-ML	274.27	297.82	1.09
PCB-1254[Δ]	μg/kg	8	SM-0	281.33	1,347.08	4.79
			LN-MLE	118,762.55	81,514,762,398.43	686,367.54
			SM-ML	515.86	1,324.97	2.57
PCB-1260[Δ]	μg/kg	9	SM-0	101.12	560.48	5.54
			LN-MLE	164.33	6,347.69	38.63
			SM-ML	337.98	584.17	1.73
Selenium	mg/kg	65	SM-0	4.16	7.86	1.89
			LN-MLE	5.16	7.34	1.42
			SM-ML	7.62	11.59	1.52
Toxaphene	μg/kg	0	SM-0	0.00	0.00	0.00
			LN-MLE	.	.	.
			SM-ML	1,248.01	1,337.84	1.07
Trichloroethene	μg/kg	1	SM-0	11.74	175.27	14.93
			LN-MLE	.	.	.
			SM-ML	1,004.53	4,102.63	4.08
Zinc	mg/kg	100	SM-0	1,320.34	3,820.82	2.89
			LN-MLE	1,201.88	1,554.42	1.29
			SM-ML	1,320.34	3,820.82	2.89
4,4'-DDD	μg/kg	0	SM-0	0.04	3.78	102.05
			LN-MLE	.	.	.
			SM-ML	62.50	66.99	1.07

* SM-0 = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to Zero.
LN-MLE = Weighted Functions of Stratum Multiple Censor Point MLEs. Lognormality Assumed.
SM-ML = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to the Minimum Level.

. = Nonestimable.
CV = Standard Deviation Divided by the Mean.

Δ = PCB Concentrations, Although Not Detected Frequently, Indicate a Violation of the Lognormal Distribution Assumption Used to Generate Estimates. Therefore, Estimates are not Considered Realistic.

TABLE 4-3. (Continued)

NATIONAL POLLUTANT CONCENTRATION ESTIMATES FROM THE NATIONAL SEWAGE SLUDGE SURVEY
USING LOGNORMAL AND SUBSTITUTION METHOD ESTIMATION PROCEDURES

Analyte	Unit	Percent Detect	Estimation Procedure*	Mean	Standard Deviation	Coefficient of Variation (CV)
4,4'-DDE	µg/kg	1	SM-0	0.46	7.56	16.29
			LN-MLE	•	•	•
			SM-ML	62.79	67.01	1.07
4,4'-DDT	µg/kg	2	SM-0	0.46	3.98	8.56
			LN-MLE	29.18	33.96	1.16
			SM-ML	25.20	26.78	1.06

* SM-0 = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to Zero.
LN-MLE = Weighted Functions of Stratum Multiple Censor Point MLEs. Lognormality Assumed.
SM-ML = Weighted Substitution Method Stratum Estimates. Nondetects Set Equal to the Minimum Level.

• = Nonestimable.
CV = Standard Deviation Divided by the Mean.

Estimates produced under the assumption that the pollutant was not present when pollutant concentration was not measured above the minimum level in a sample are designated as SM-0 in table 4-3. For this substitution method, the estimated pollutant concentration mean and standard deviation should be zero when none of the tested samples were measured above the pollutant minimum level. This was the case for 8 of the 13 analytes with percent detects listed as zero. For the remaining five analytes with a reported detection rate of zero, the means and standard deviations estimated using this substitution method are not zero. That is because for these five pollutants -- benzene, chlordane, heptachlor, lindane, and 4,4'-DDD -- some samples were detected above the minimum level in some of the strata samples. However, these stratum detection rates were low, as evidence by the number of detected samples reported by stratum in table 4-2. When these stratum detection rates were multiplied by their respective stratum weight to determine the national detection rate, the resulting reported rates were very small and therefore rounded to zero. Thus, a national detection rate of zero does not necessarily imply that the pollutant was not detected above the minimum level in any of the samples.

Graphical presentations of cumulative distribution functions estimated under the assumption of lognormality and using the two nonparametric substitution procedures can be found in figures 4-69 through 4-102, located at the end of this section. Plotted concentration values do not necessarily represent observed data points. Rather, they represent incremental pollutant concentration values that were chosen to span the full range of data for a pollutant. Therefore, plotted on the horizontal axis is the probability that pollutant concentration in sewage sludge is at most the corresponding concentration plotted in the vertical axis. That is,

$$\textit{fraction of POTWs less than concentration} = F_X(c) = P[X \le c]$$

where X is the pollutant concentration random variable and c is the pollutant concentration value plotted on the vertical axis.

The estimated lognormal cumulative distribution functions used to determine the fraction of POTWs with sludge containing at most the concentration "c" of a pollutant assume that the concentration of a pollutant follows a national lognormal distribution. That is, it was assumed that the cumulative distribution function for a given pollutant could be expressed as

$$F_X(c) = \int_0^c \frac{1}{x\sqrt{2\pi\hat{\sigma}^2}} \exp\left\{-\frac{1}{2}\left(\frac{lnx-\hat{\mu}}{\hat{\sigma}}\right)^2\right\}\partial x.$$

Note that the estimated values of μ and σ are not subscripted. For a given pollutant, the national estimate of σ^2 was obtained by equating the squared value of the estimated pollutant concentration coeffient of variation (CV) to the

lognormal expression for the squared coefficent of variation and solving for σ^2, as noted below.

$$CV^2 = \exp(\sigma^2)-1 \;\Rightarrow\; \hat{\sigma}^2 = \ln(\hat{CV}^2+1).$$

Likewise, the estimate of μ was obtained for a pollutant by equating the estimated national pollutant concentration mean to the lognormal expression of the mean and solving for μ.

$$\overline{X} = \exp(\mu+\frac{1}{2}\sigma^2) \;\Rightarrow\; \hat{\mu} = \ln(\overline{X})-\frac{1}{2}\hat{\sigma}^2.$$

Therefore, graphical presentations of the cumulative lognormal functions assume that the weighted sum of the strata lognormal distributions also follows a lognormal distribution. This premise is based on the work of Barakat (1976), who demonstrated with given conditions that the sum of a finite number of independent lognormal random variables retains lognormal distributional characteristics. Tests using Monte Carlo simulations are currently being designed to evaluate this assumption as applied to the cumulative lognormal distribution functions for NSSS pollutant concentrations.

The nonparametric cumulative distributions were estimated for each substitution method as weighted linear combinations of the stratum cumulative distribution functions. That is,

$$\textit{fraction of POTWs less than concentration} = F_X(c) = \sum_{i=1}^{4} w_i F_{X_i}(c)$$

where

$$F_{X_i}(c) = \sum_{j=1}^{n_i} \frac{I(X_{ij} \le c)}{n_i}.$$

The cumulative distribution plots clearly illustrate how the estimation method influences conclusions. For example, observe the cumulative distribution functions for beryllium in figure 4-73. The national detection rate for this metal was 23 percent. When the minimum level is substituted for observations that are censored, the cumulative distribution defined by the triangle symbol indicates that approximately 56 percent of secondary treatment POTWs would dispose of sewage sludge containing at most 1 milligram per kilogram (mg/kg) of beryllium. On the other hand, the cumulative distribution function estimated under the multicensored lognormal assumption suggests that 95 percent of the POTWs dispose of sludge containing at most 1 mg/kg of beryllium. This is determined from the plot defined by the symbol "x." Finally, when it is assumed that samples contained no pollutant if the pollutant was not measured above the minimum level, then the graph depicted by the symbol "o" suggests that 99 percent of secondary treatment POTWs in the Nation dispose of sewage sludge that contains at most 1 mg/kg of beryllium.

Figures 4-1 through 4-102

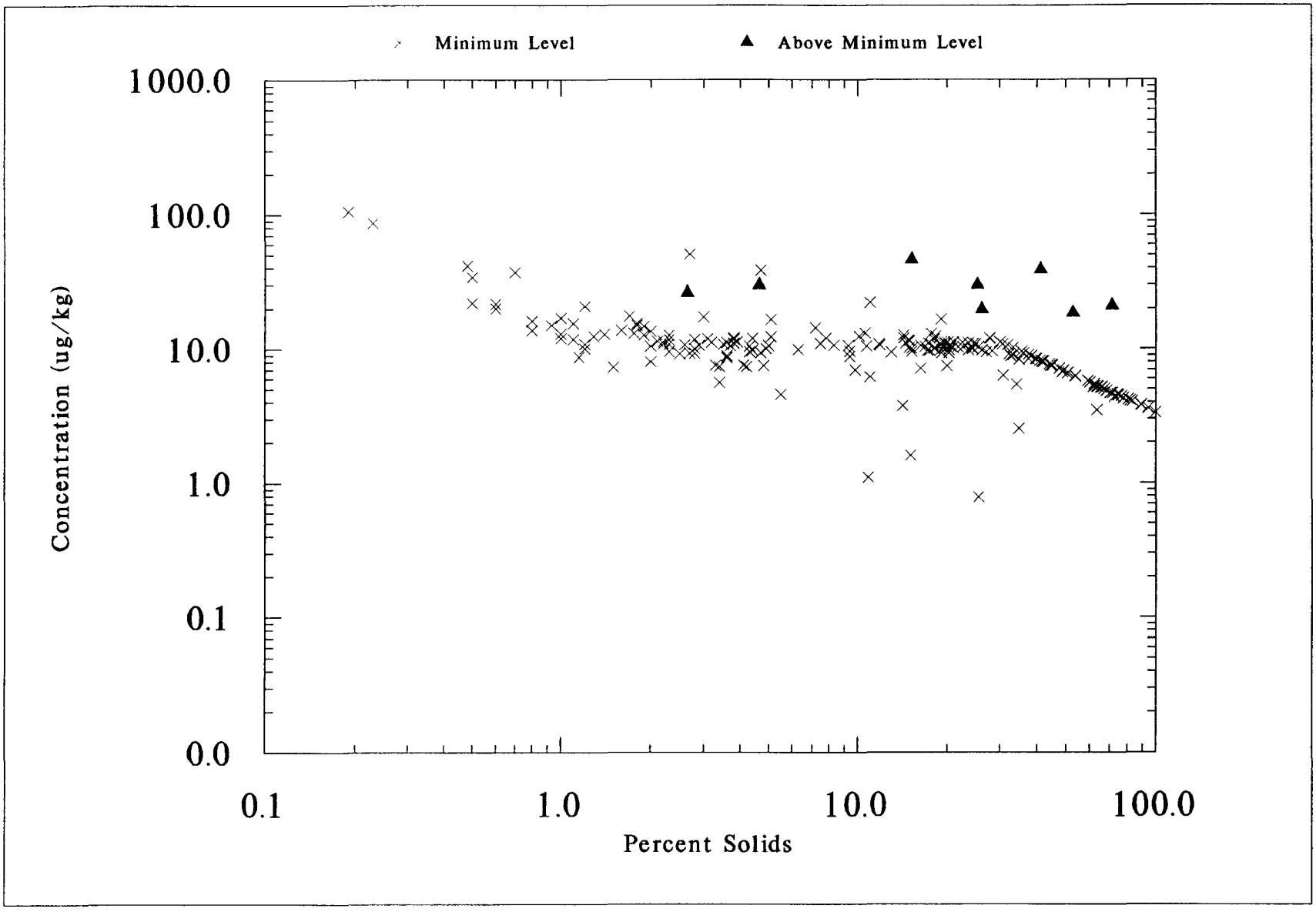

Figure 4-1. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of ALDRIN

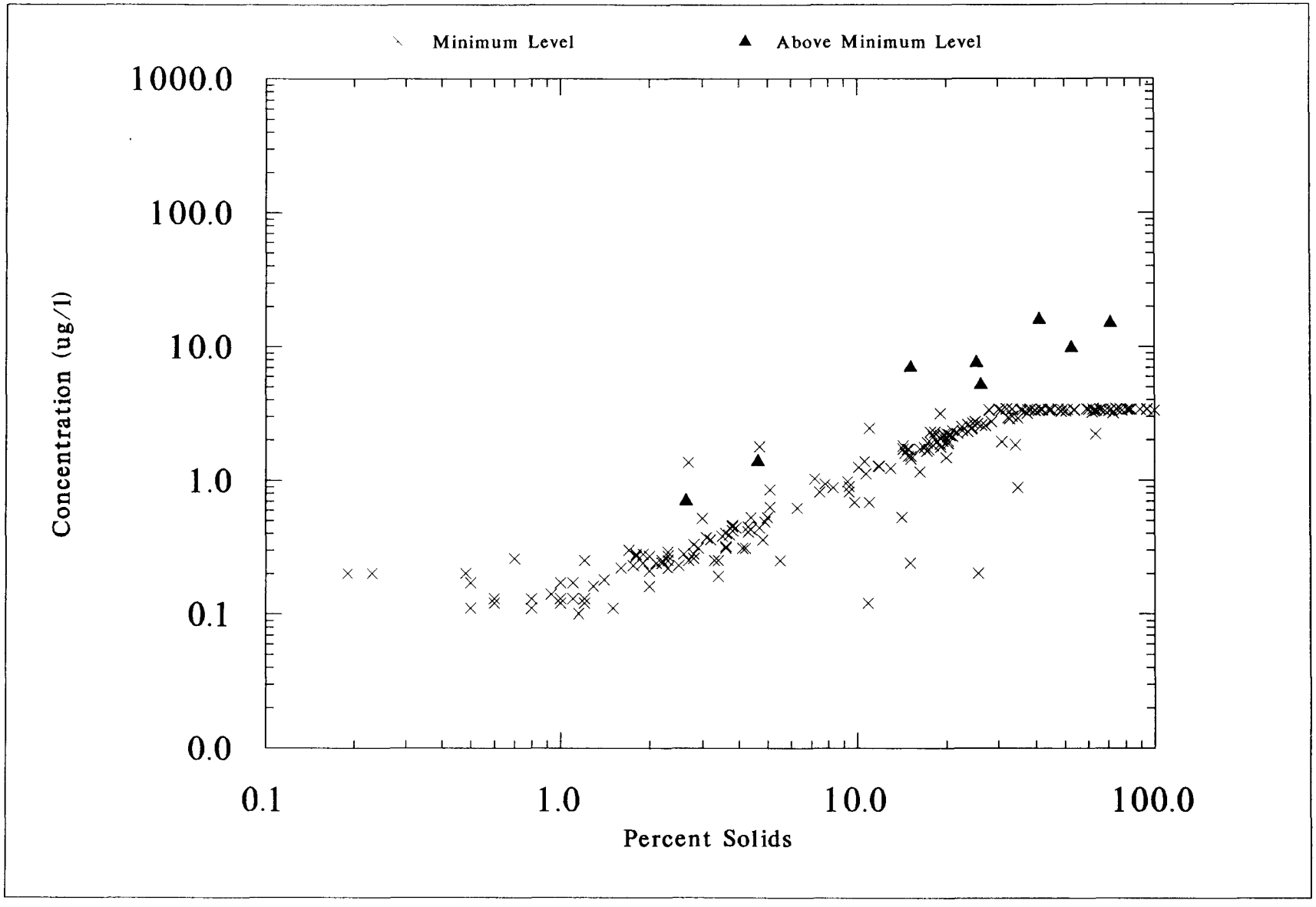

Figure 4-2. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of ALDRIN

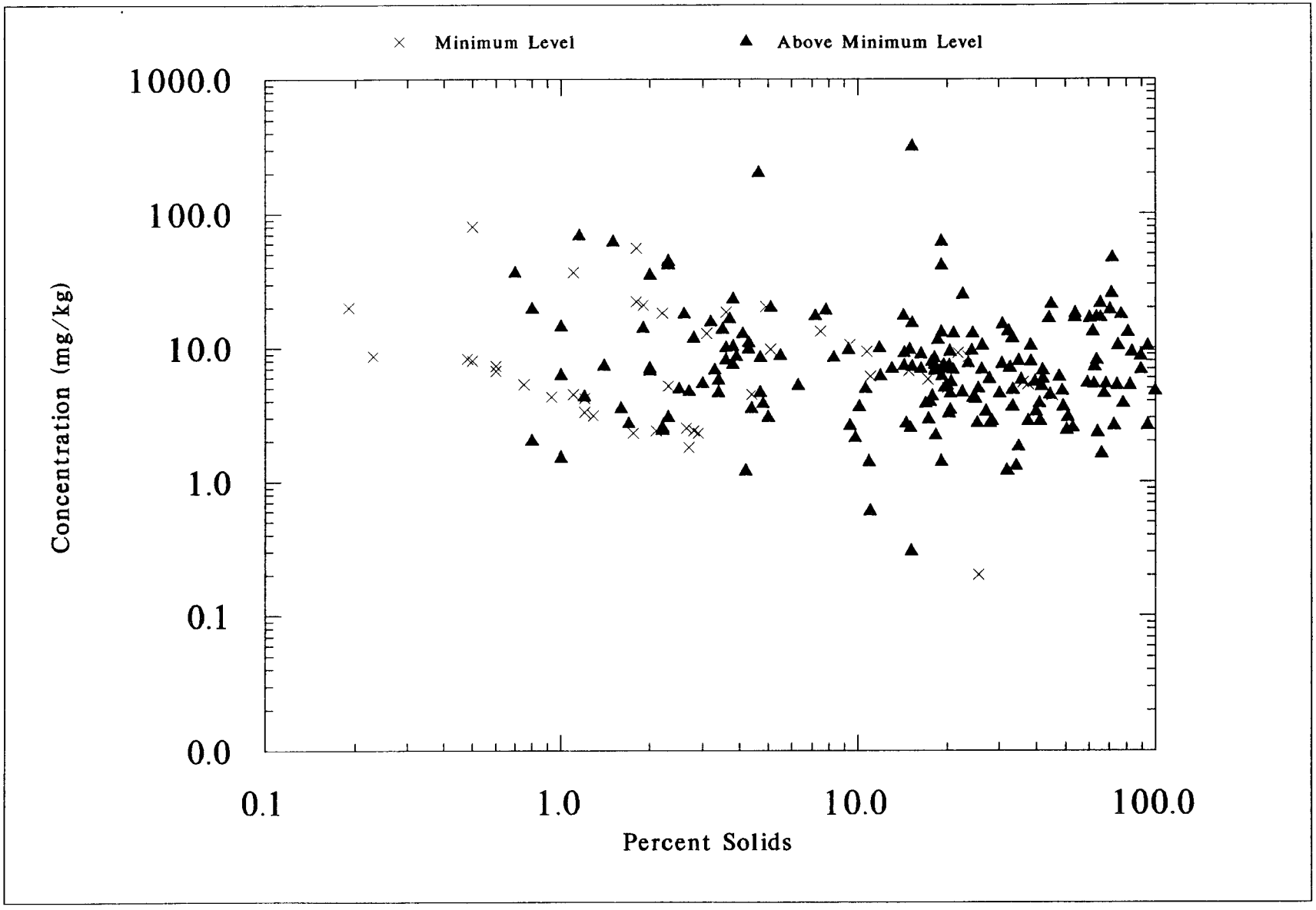

Figure 4-3. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of ARSENIC

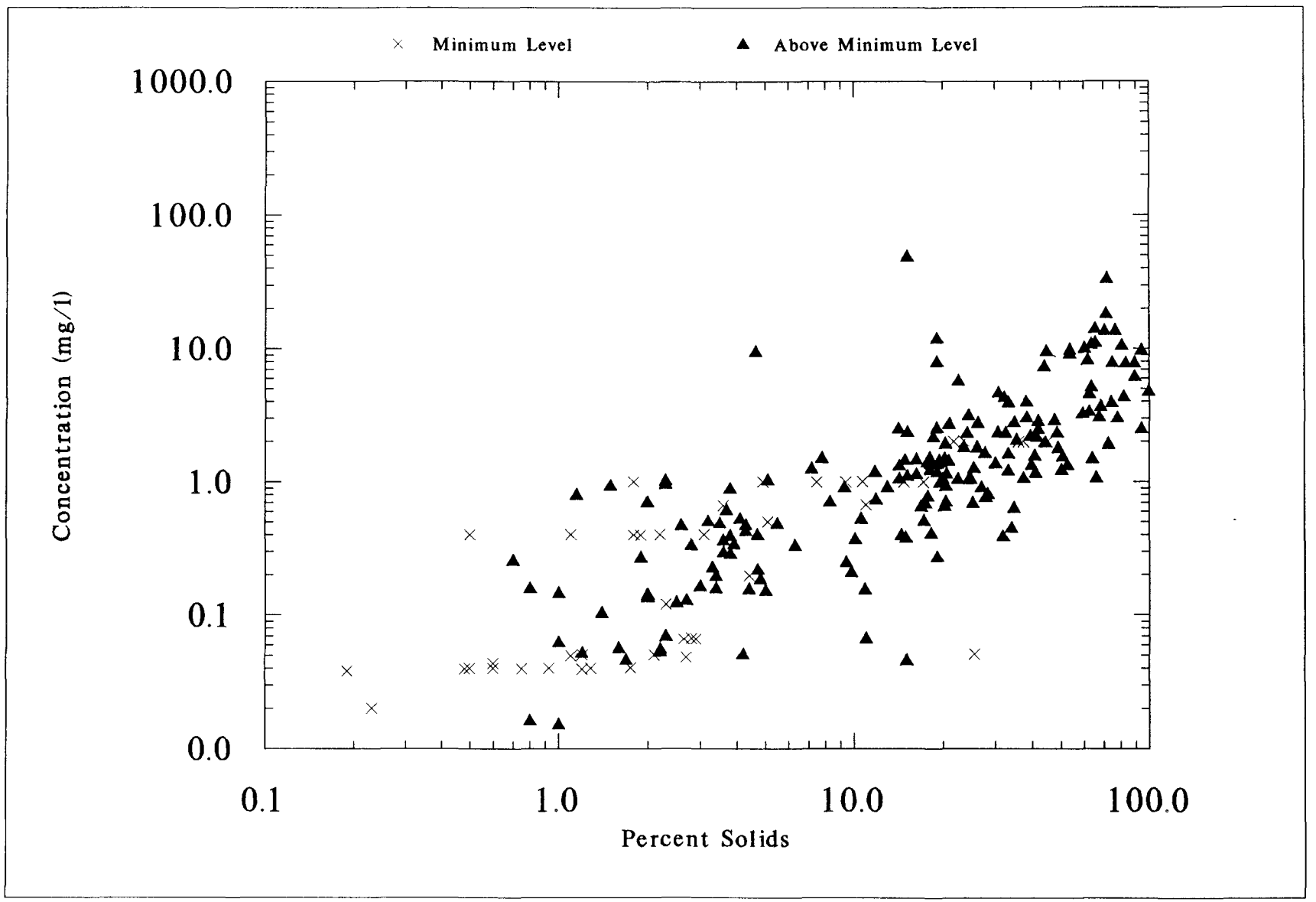

Figure 4-4. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of ARSENIC

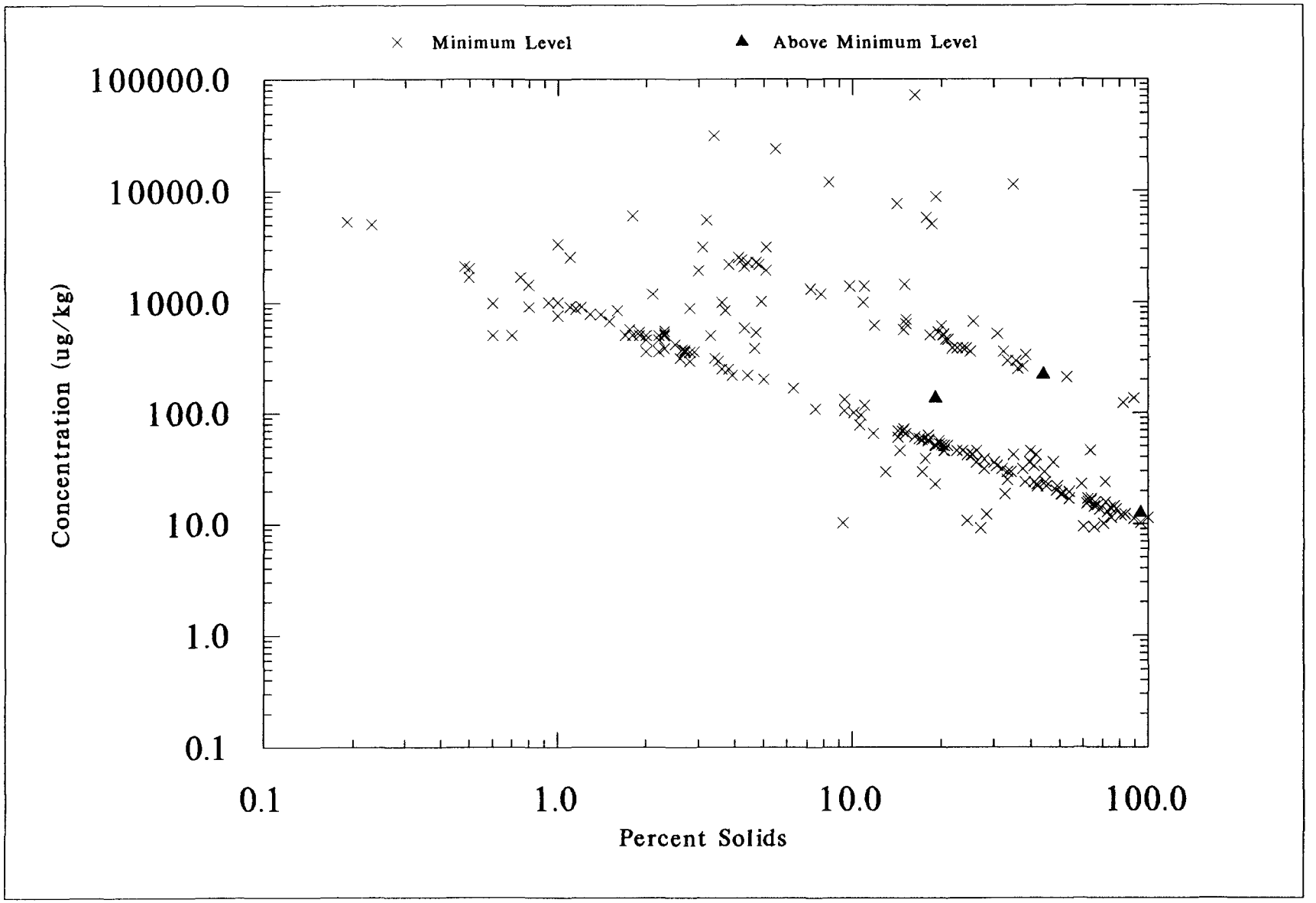

Figure 4-5. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of BENZENE

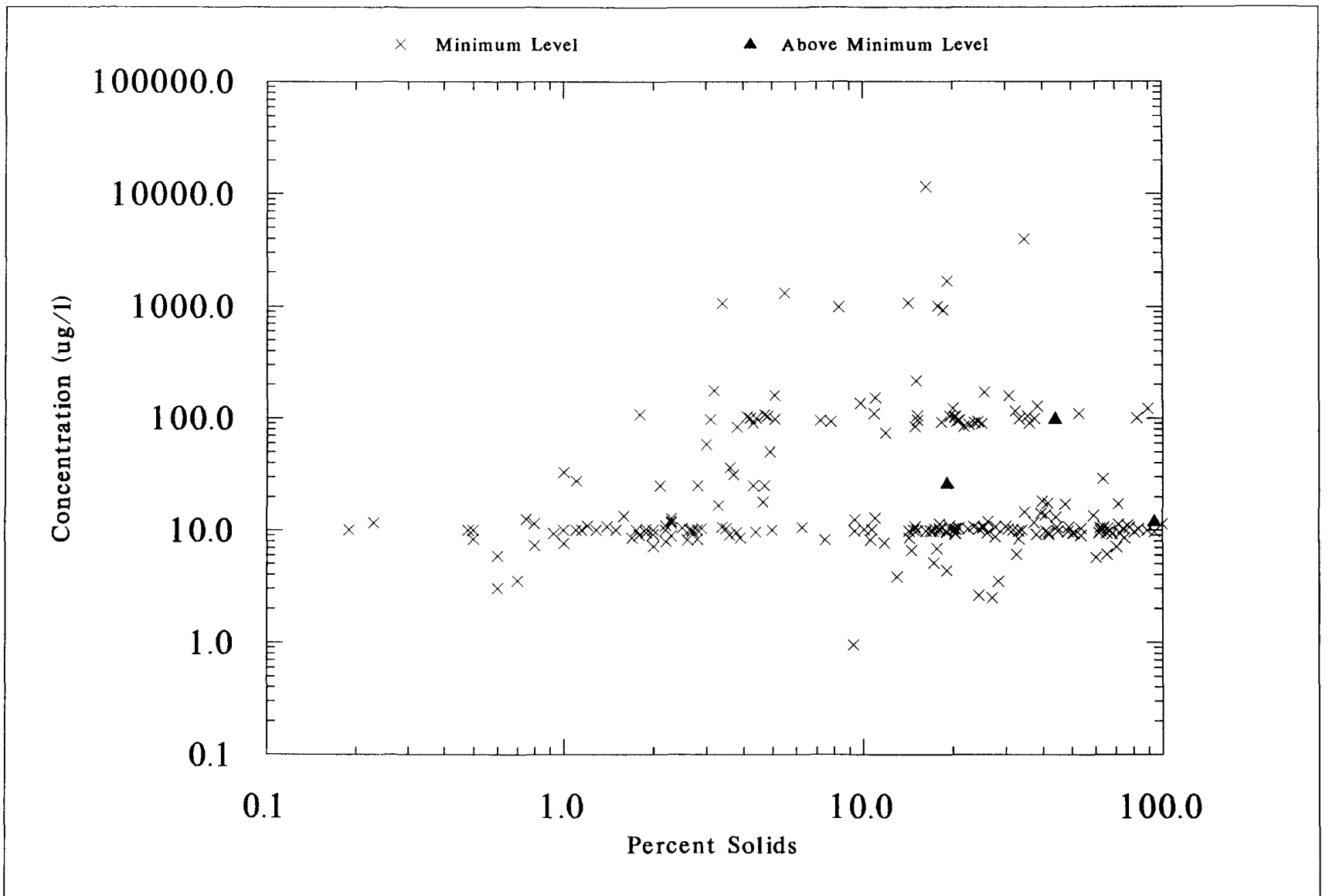

Figure 4-6. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of BENZENE

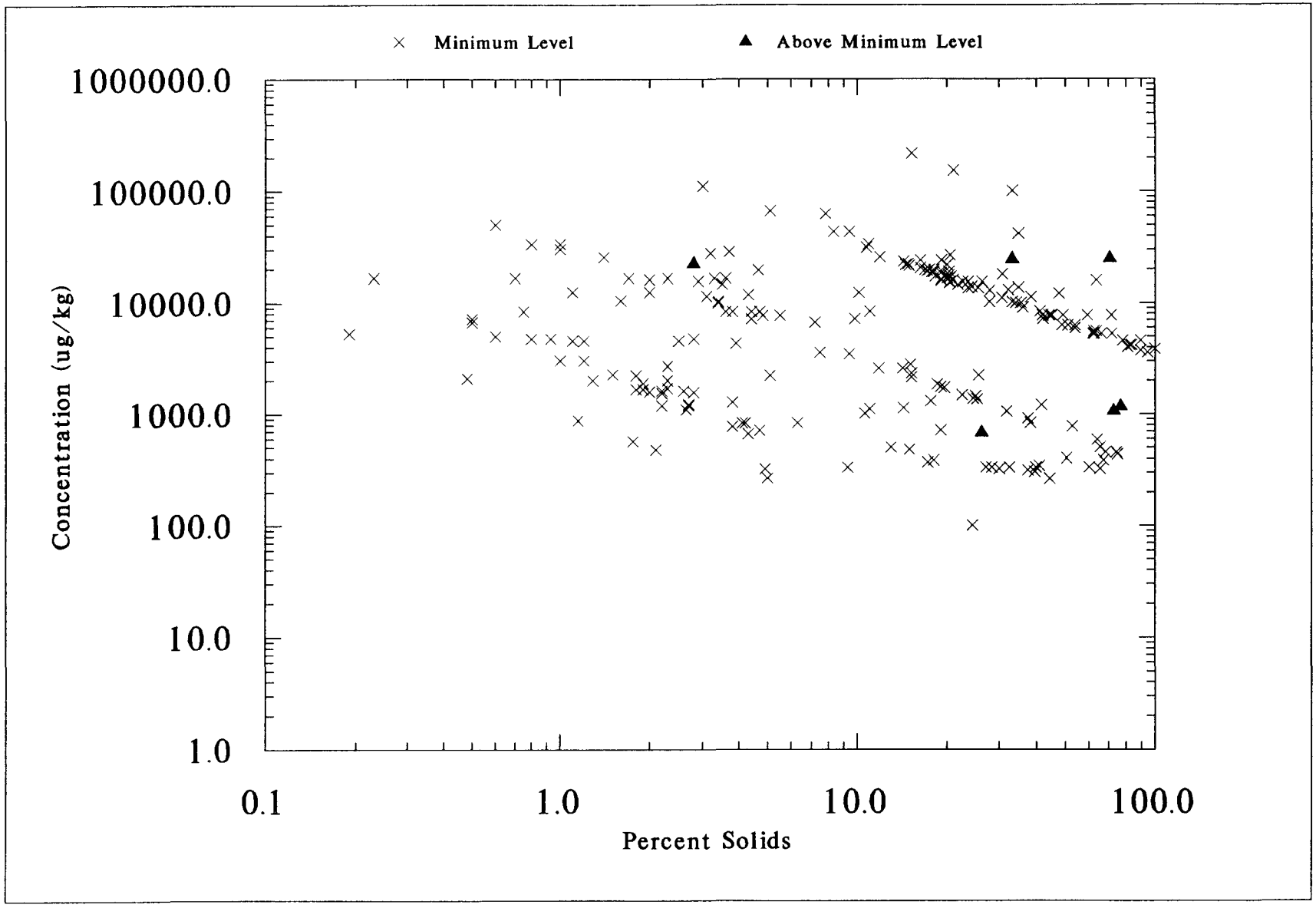

Figure 4-7. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of BENZO(A)PYRENE

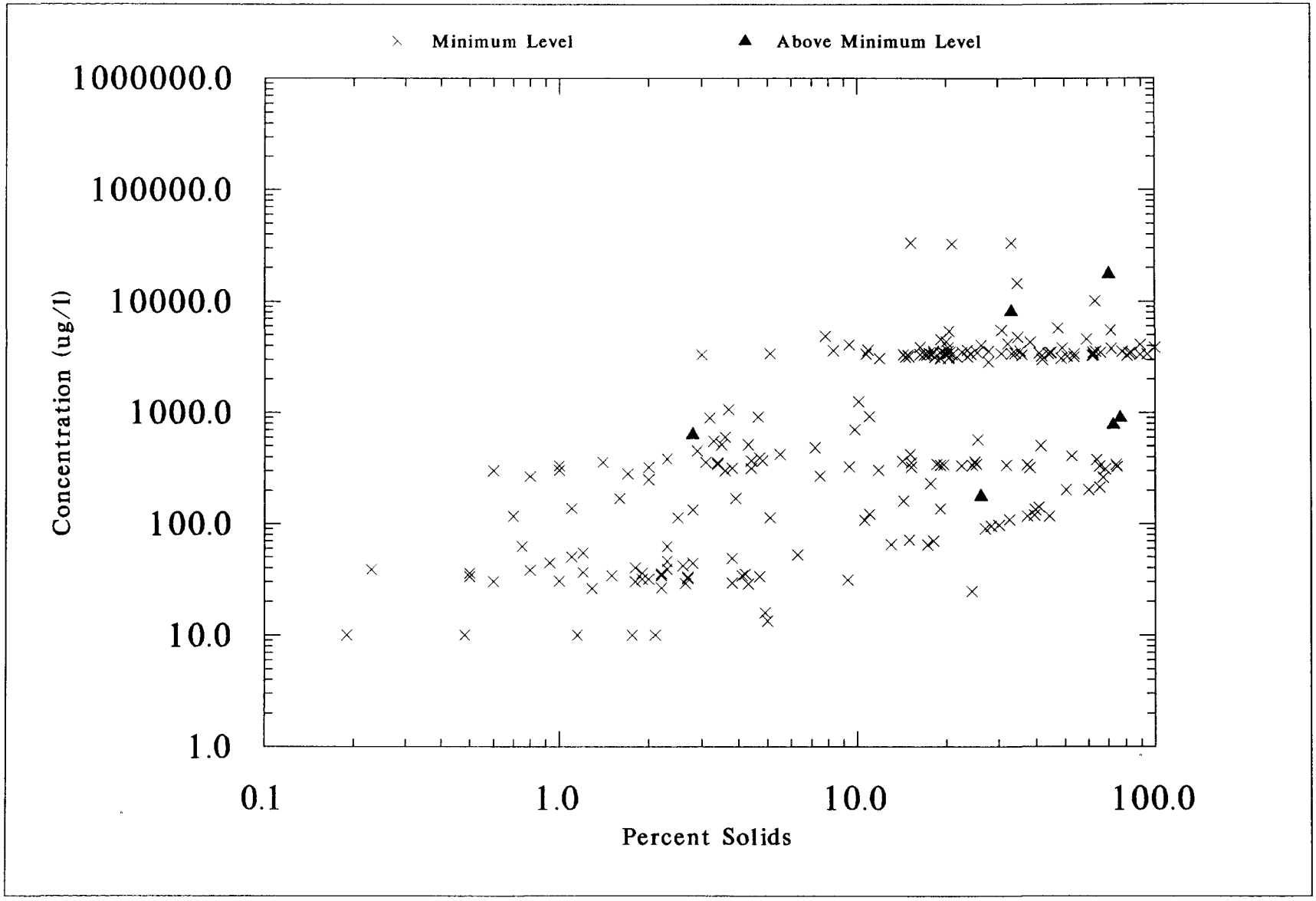

Figure 4-8. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of BENZO(A)PYRENE

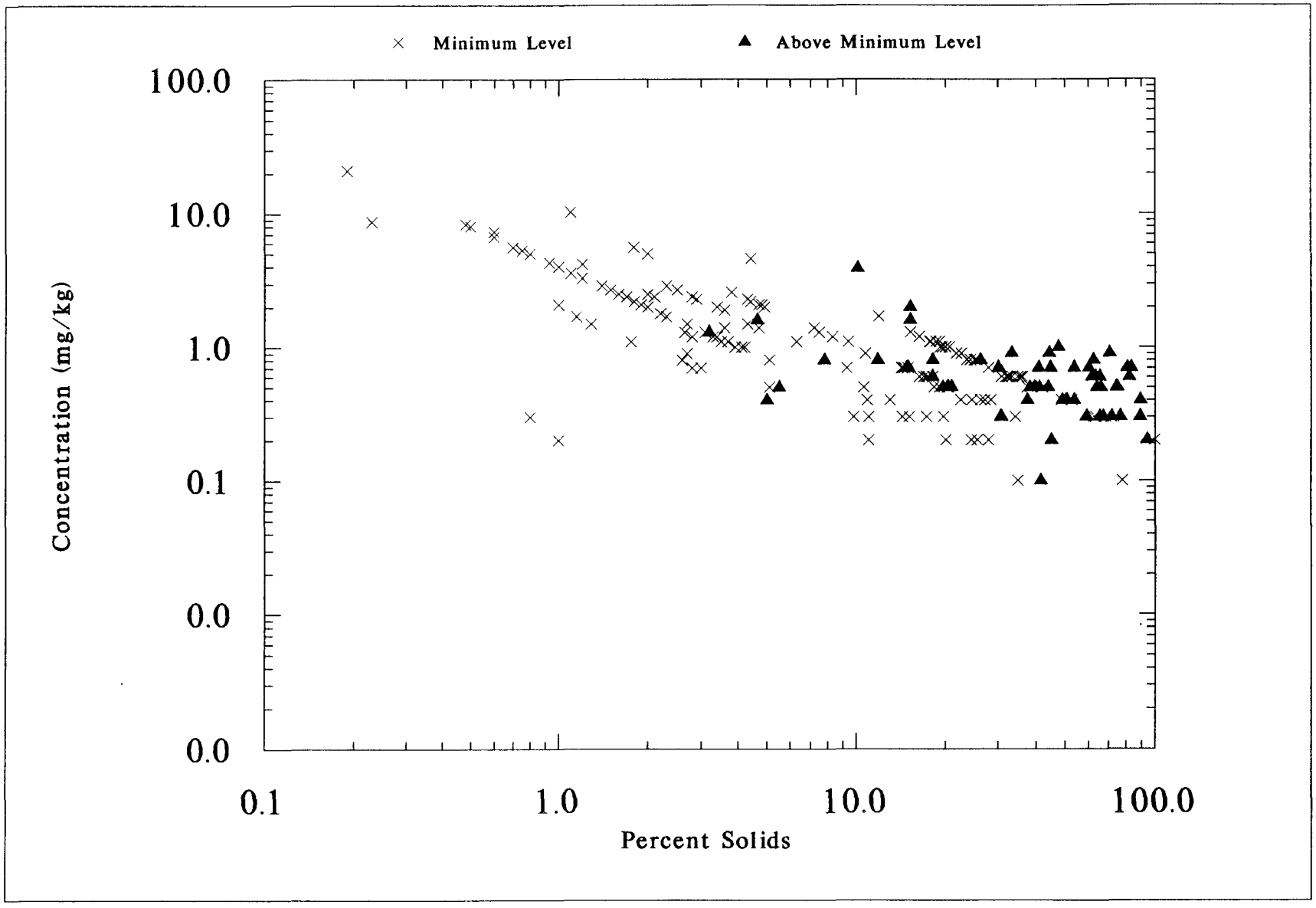

Figure 4-9. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of BERYLLIUM

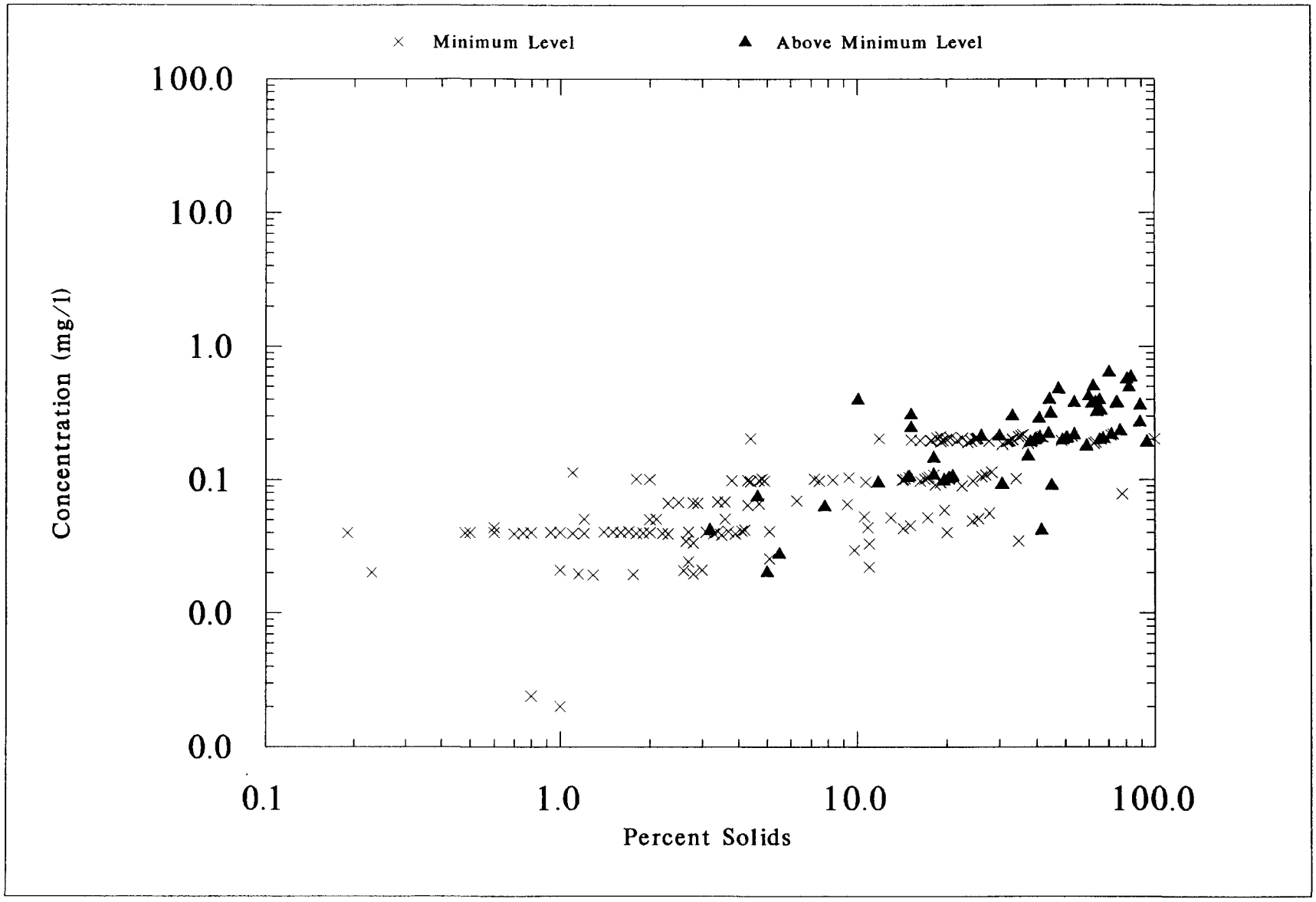

Figure 4-10. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of BERYLLIUM

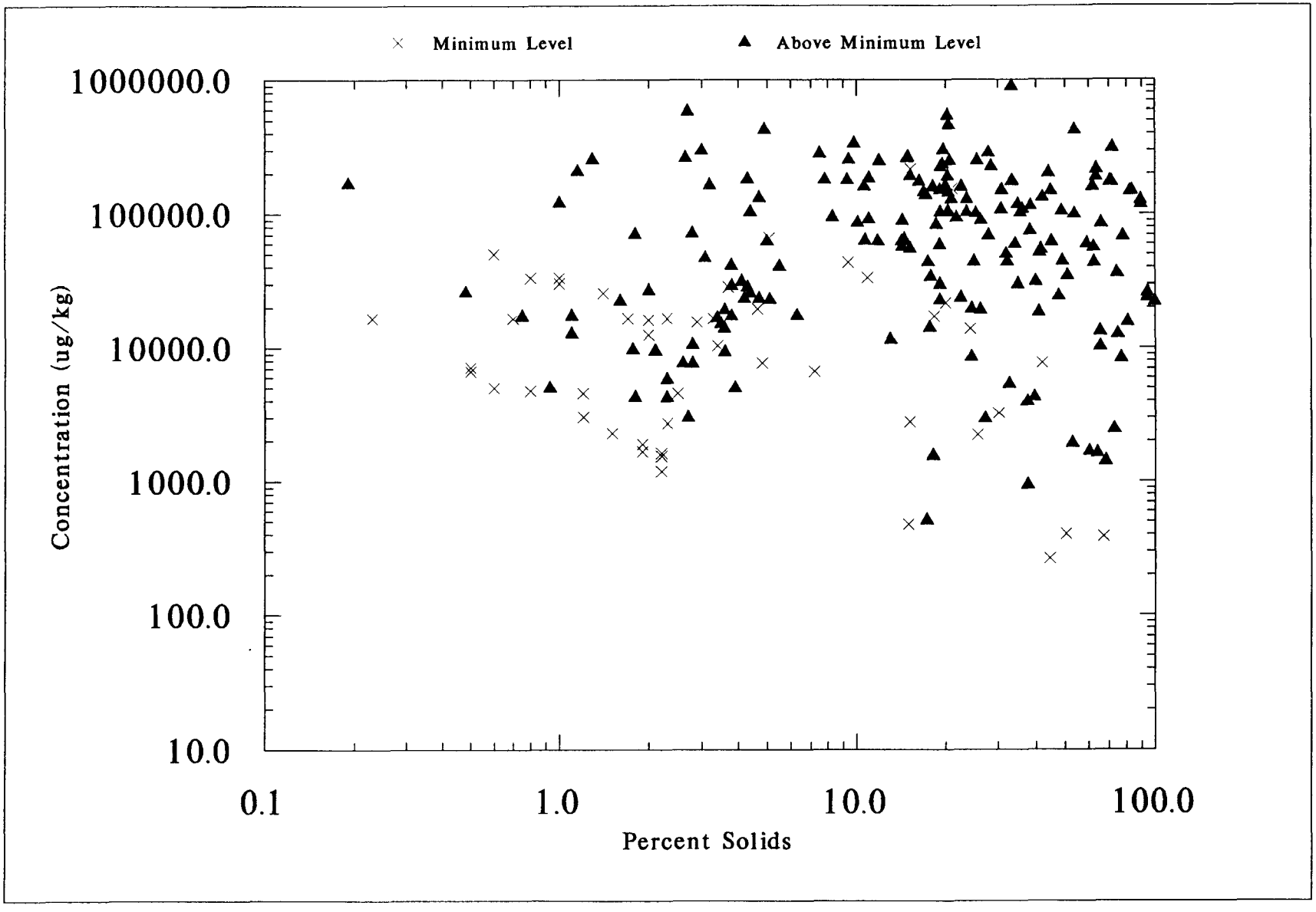

Figure 4-11. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of BIS(2-ETHYLHEXYL) PHTHALATE

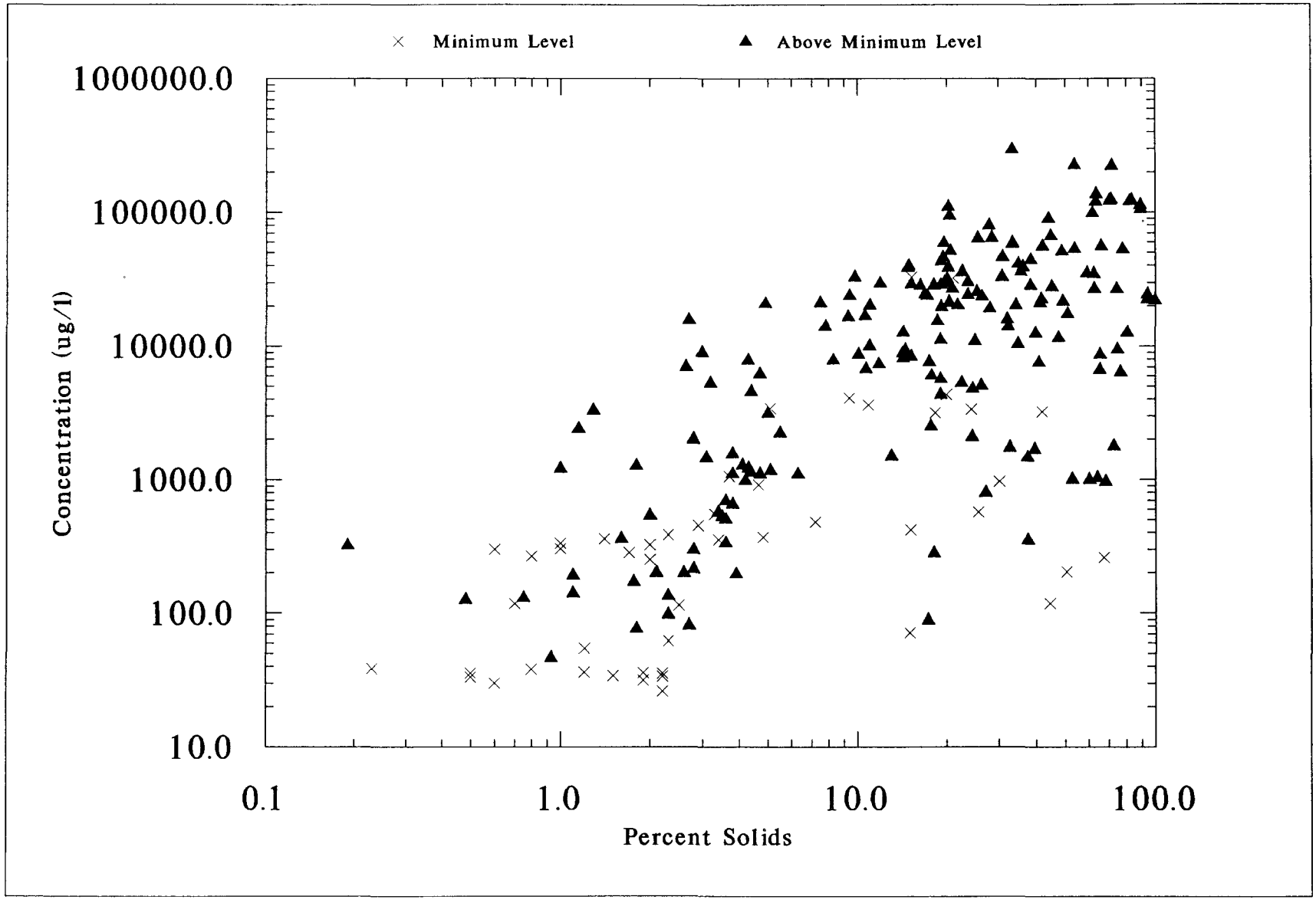

Figure 4-12. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of BIS(2-ETHYLHEXYL) PHTHALATE

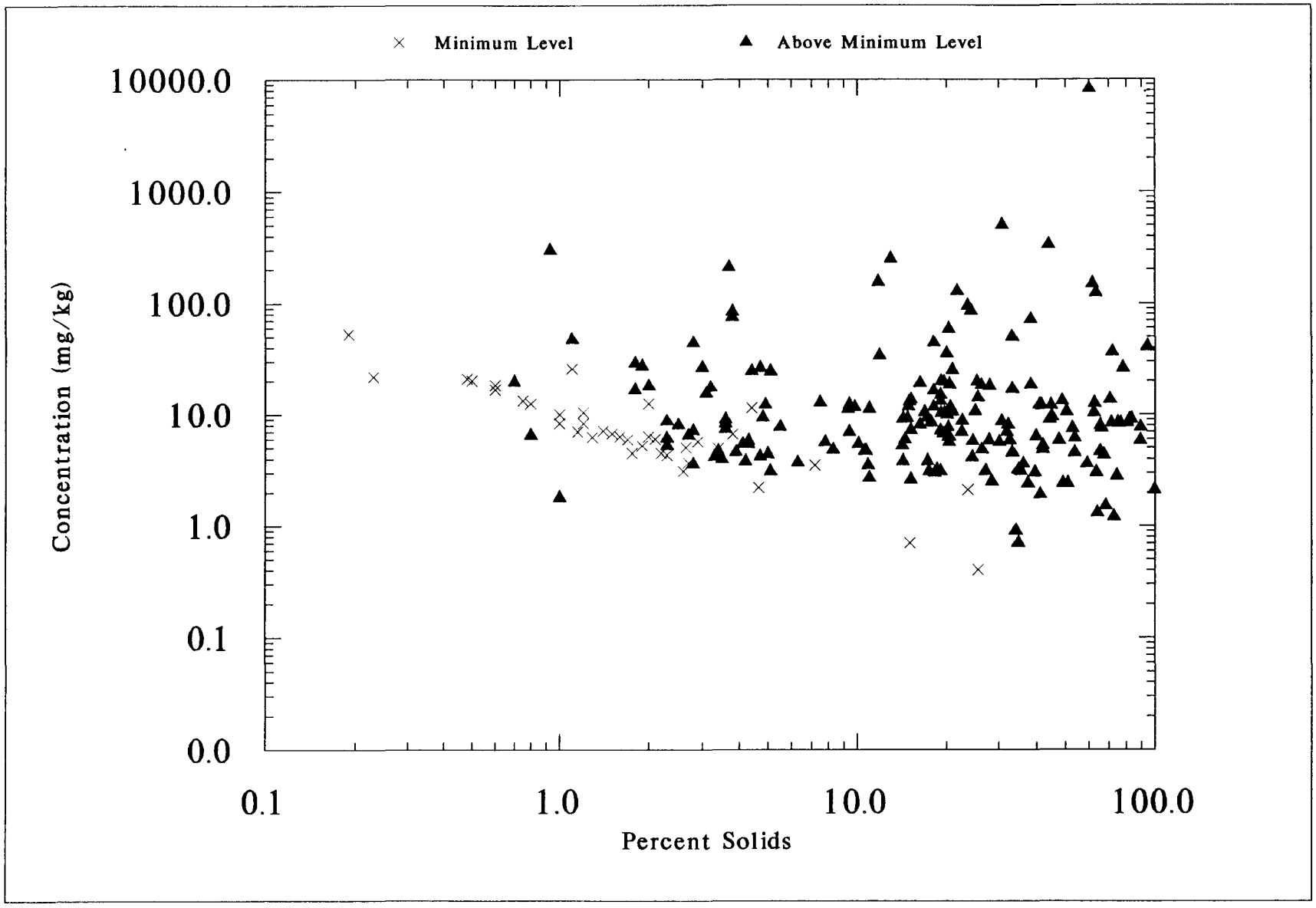

Figure 4-13. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of CADMIUM

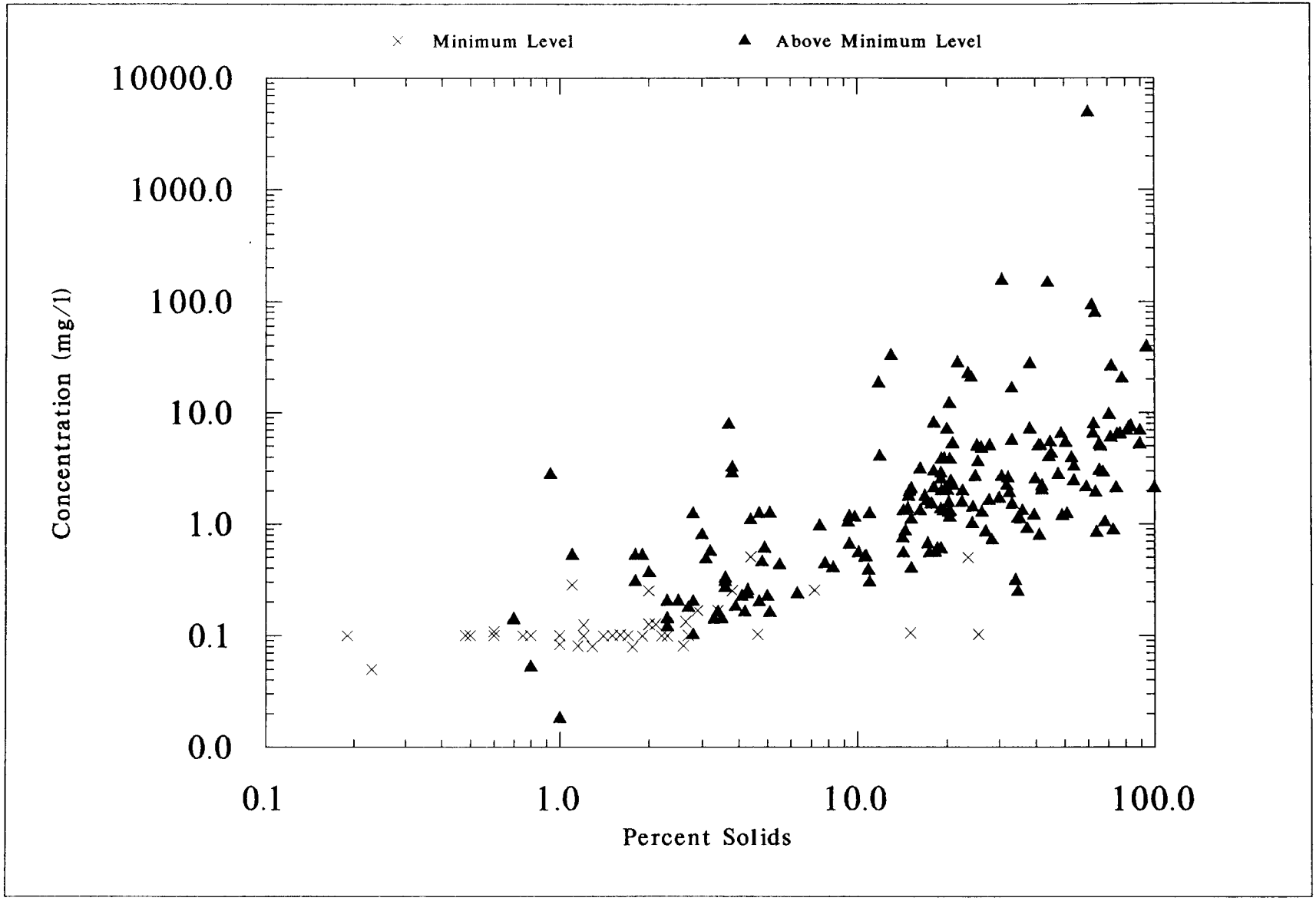

Figure 4-14. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of CADMIUM

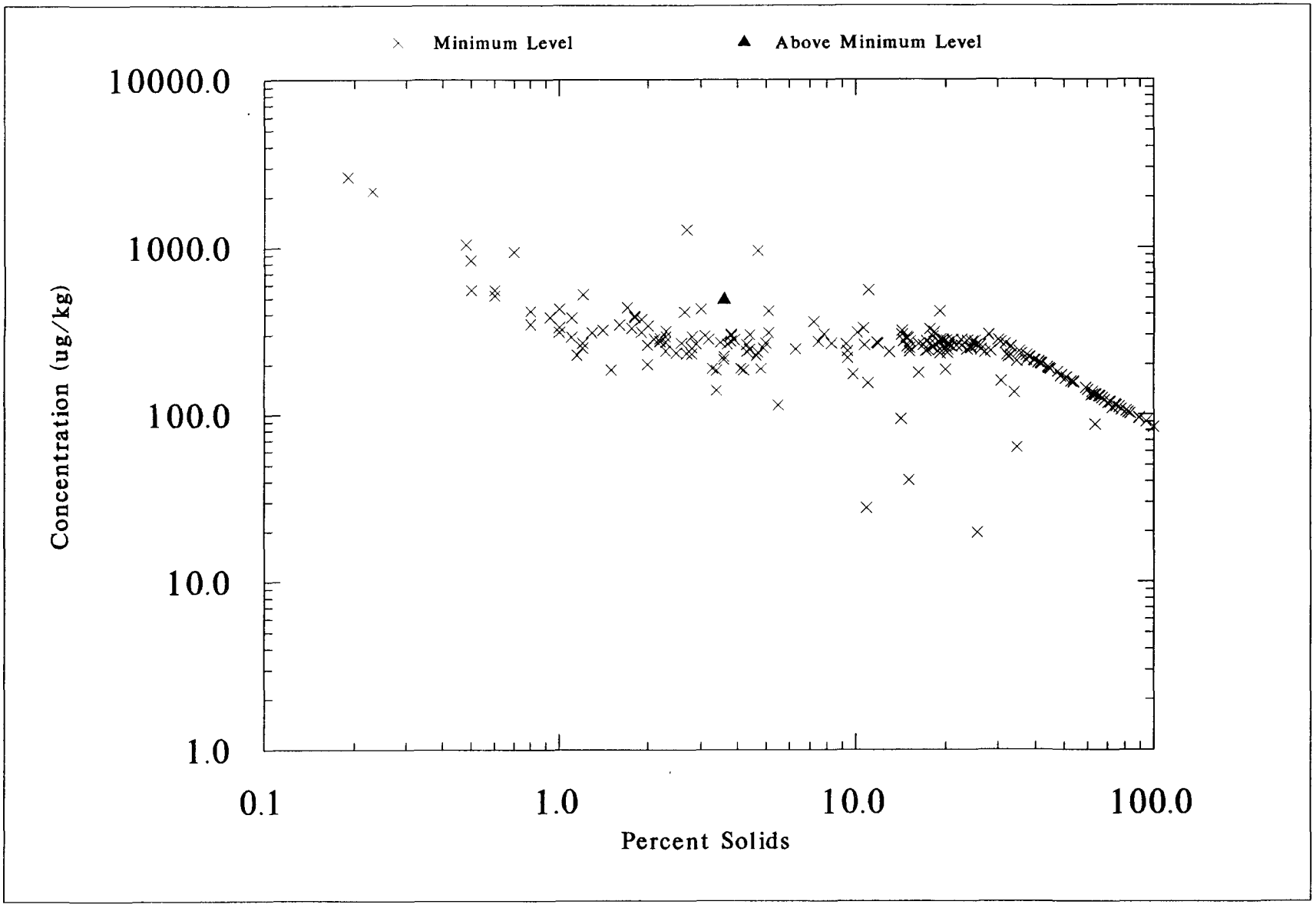

Figure 4-15. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of CHLORDANE

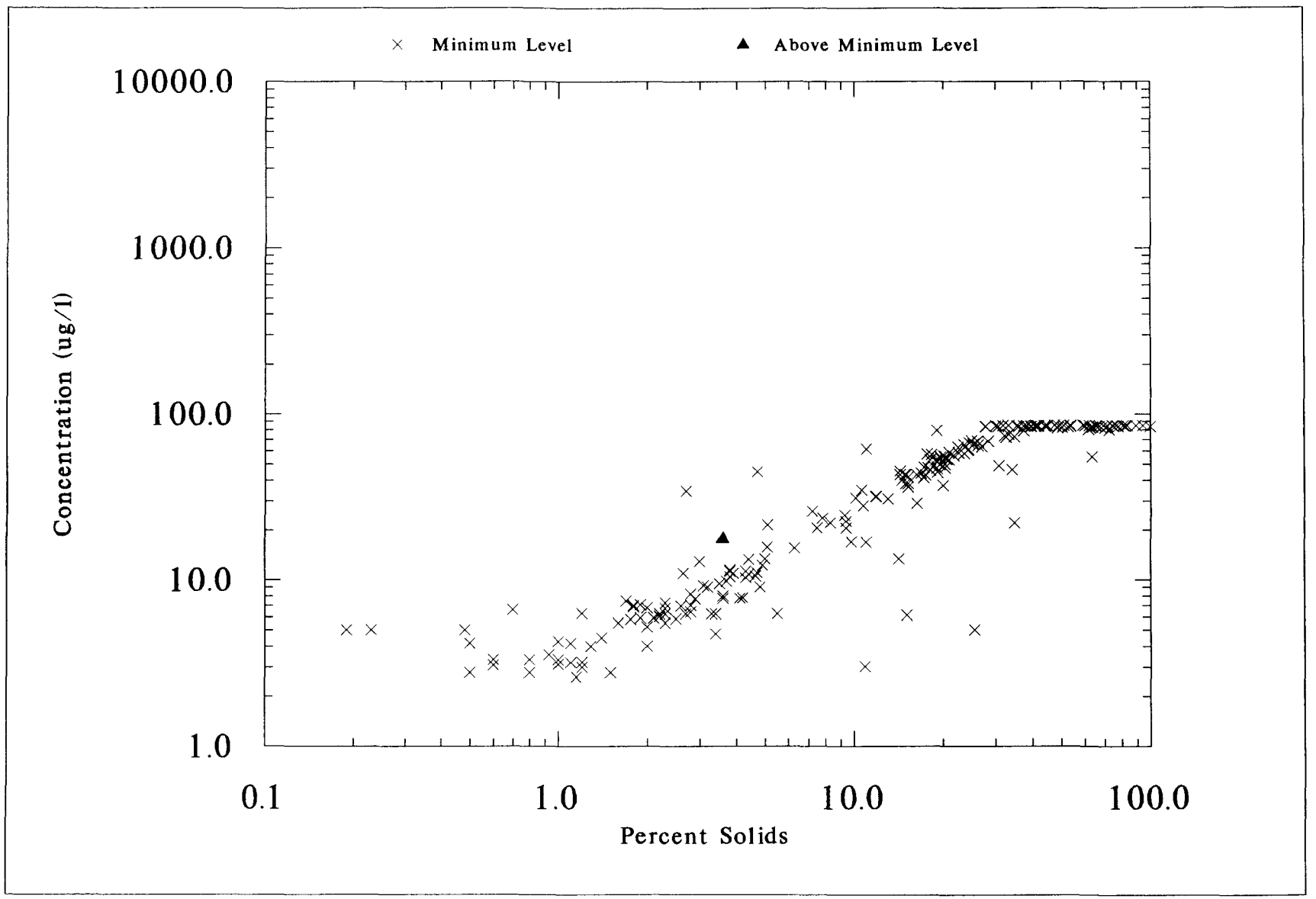

Figure 4-16. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of CHLORDANE

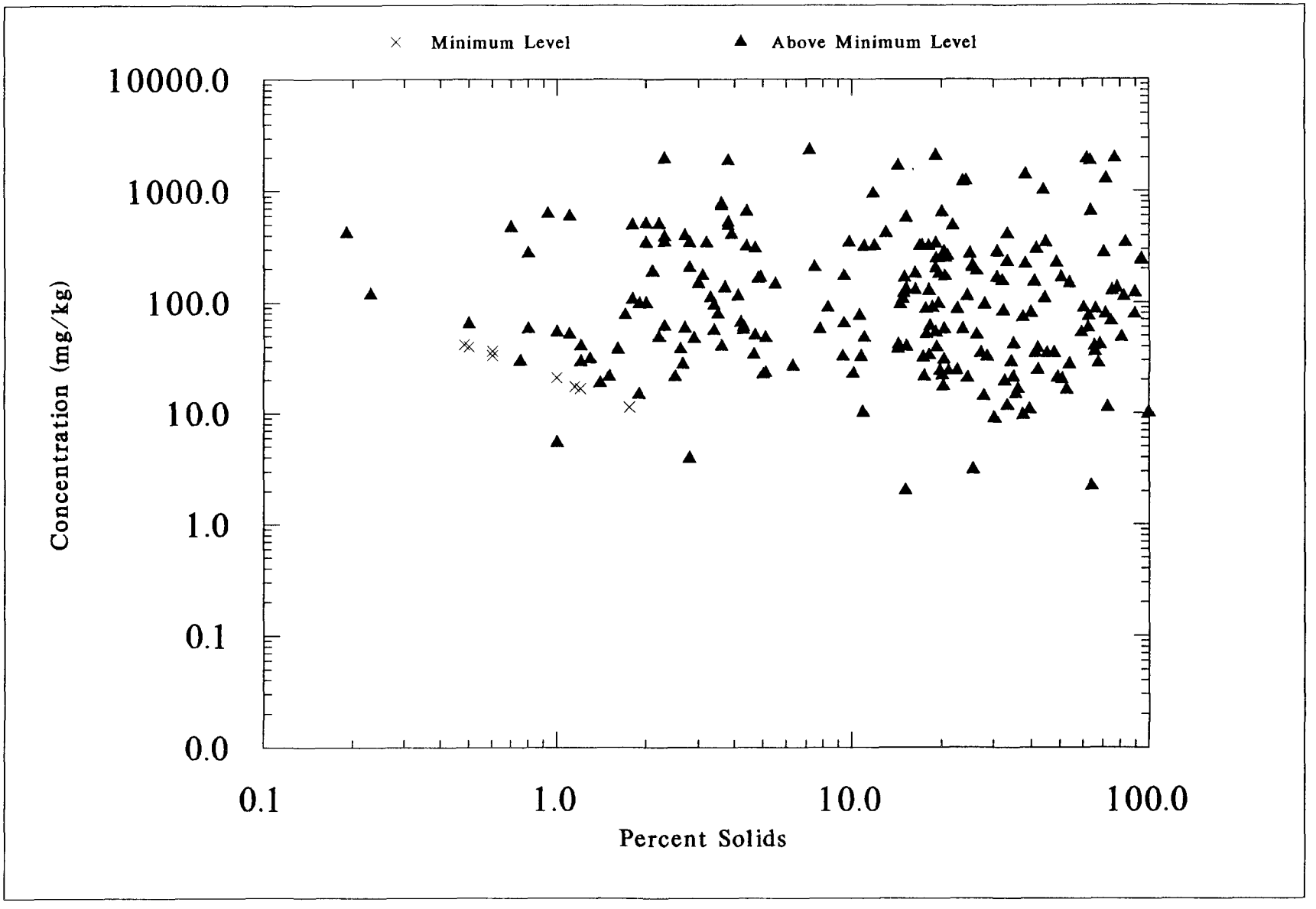

Figure 4-17. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of CHROMIUM

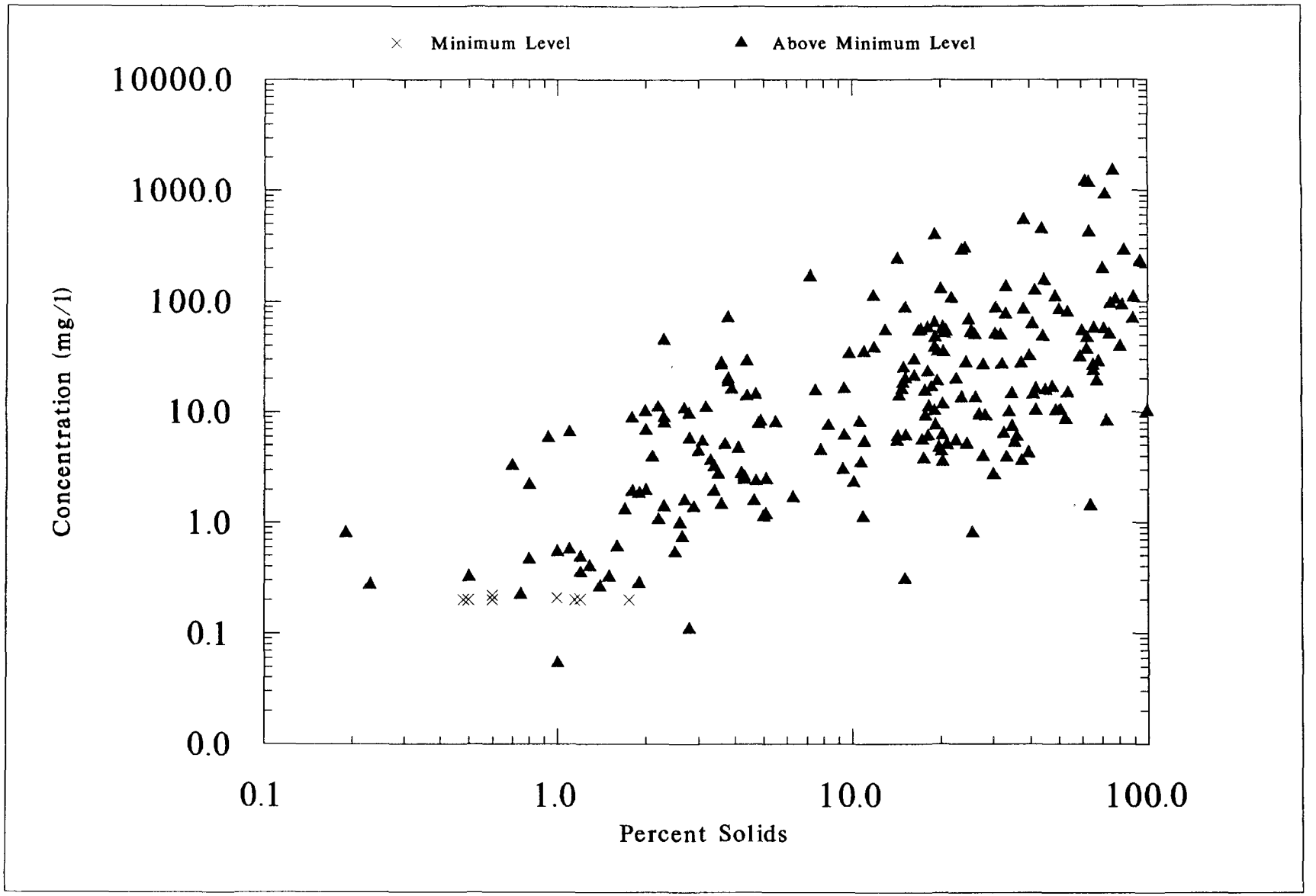

Figure 4-18. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of CHROMIUM

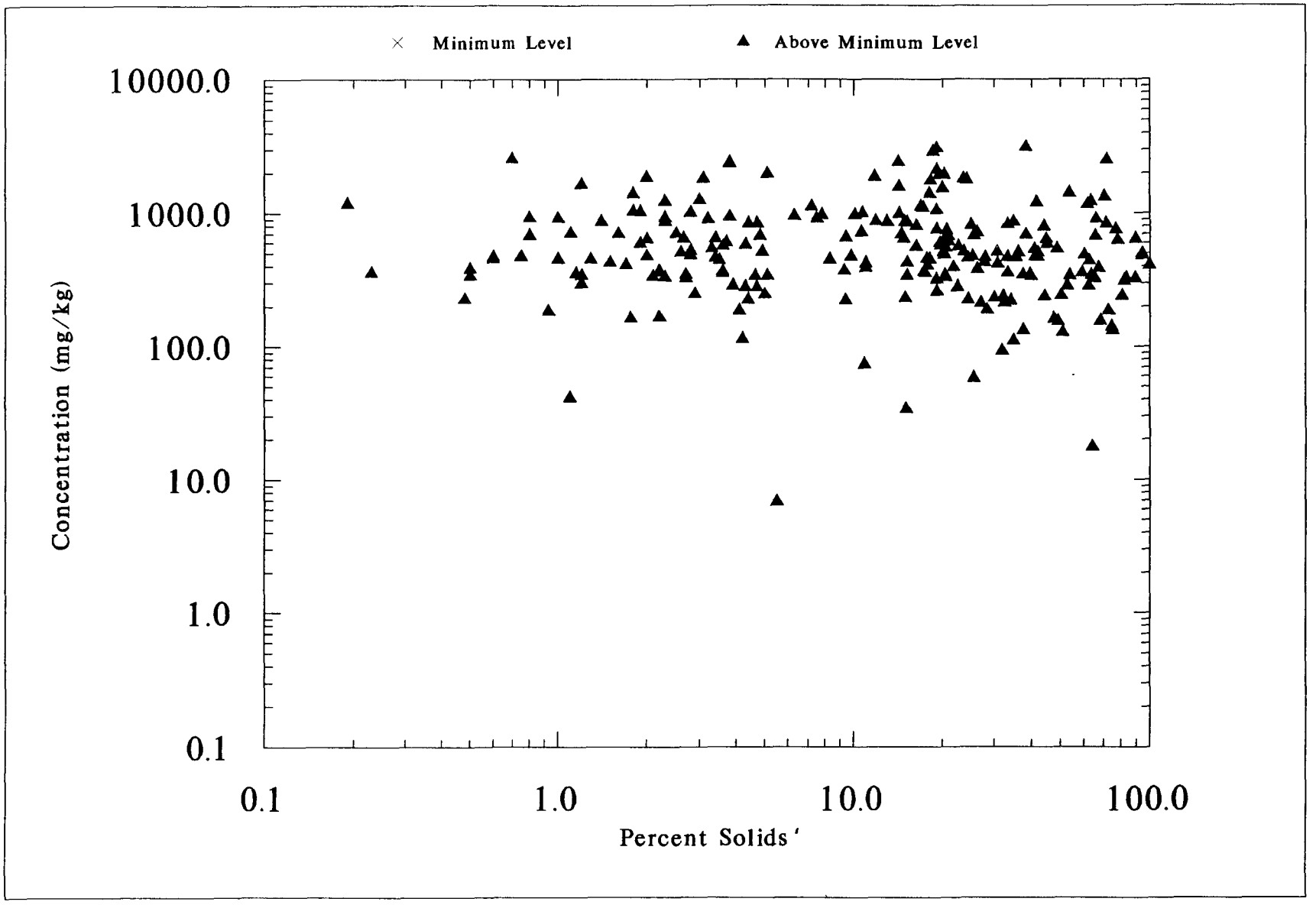

Figure 4-19. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of COPPER

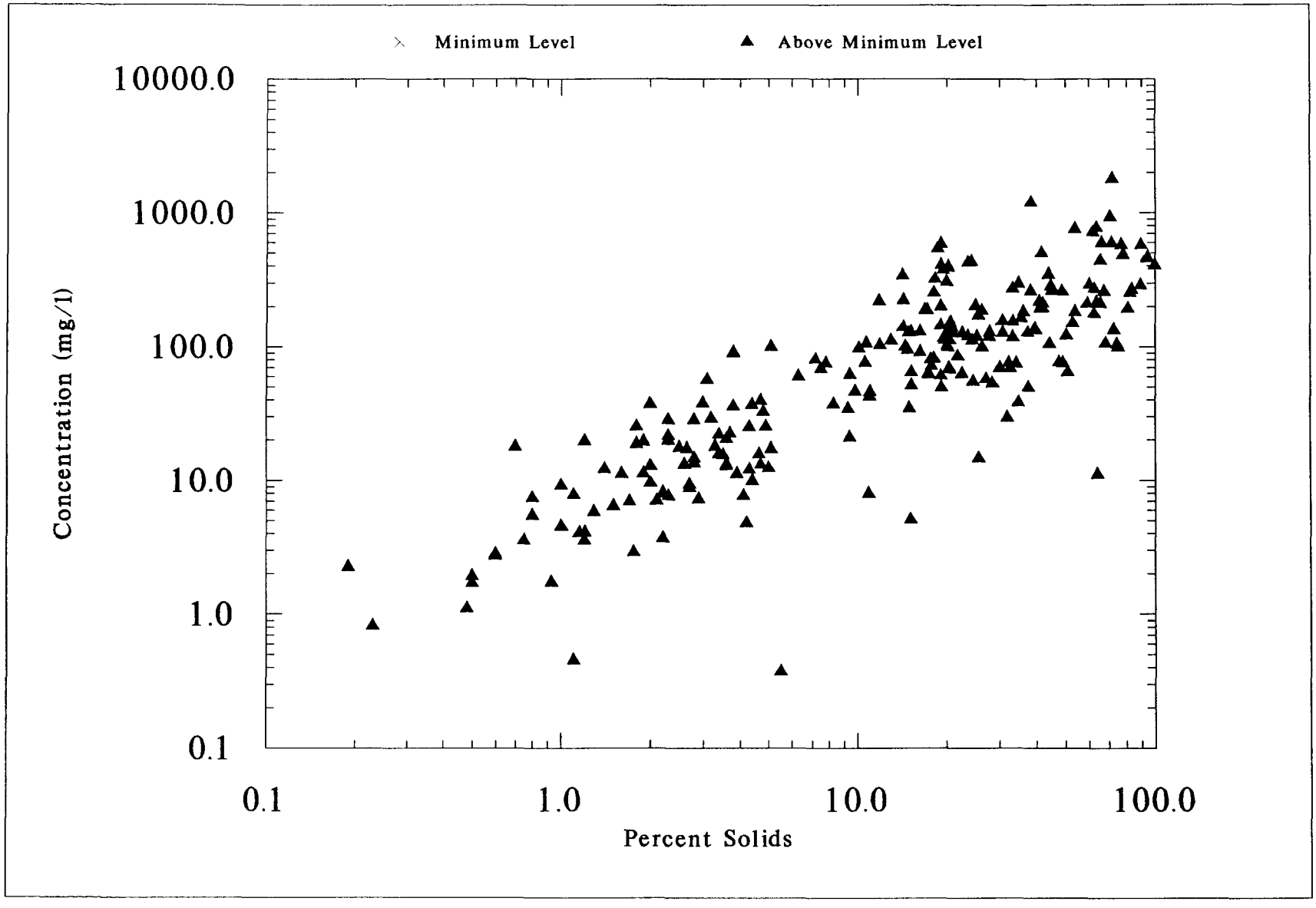

Figure 4-20. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of COPPER

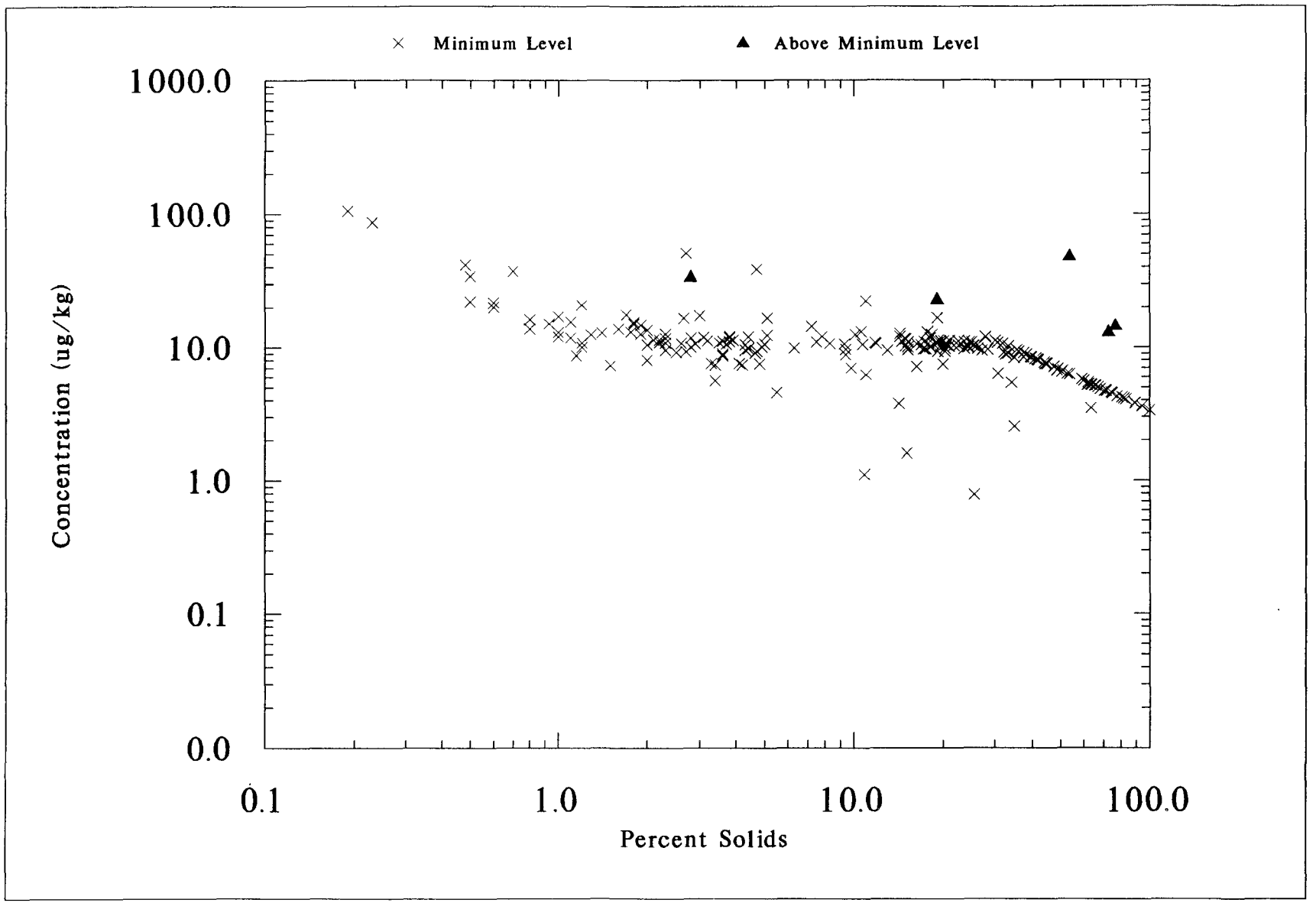

Figure 4-21. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of DIELDRIN

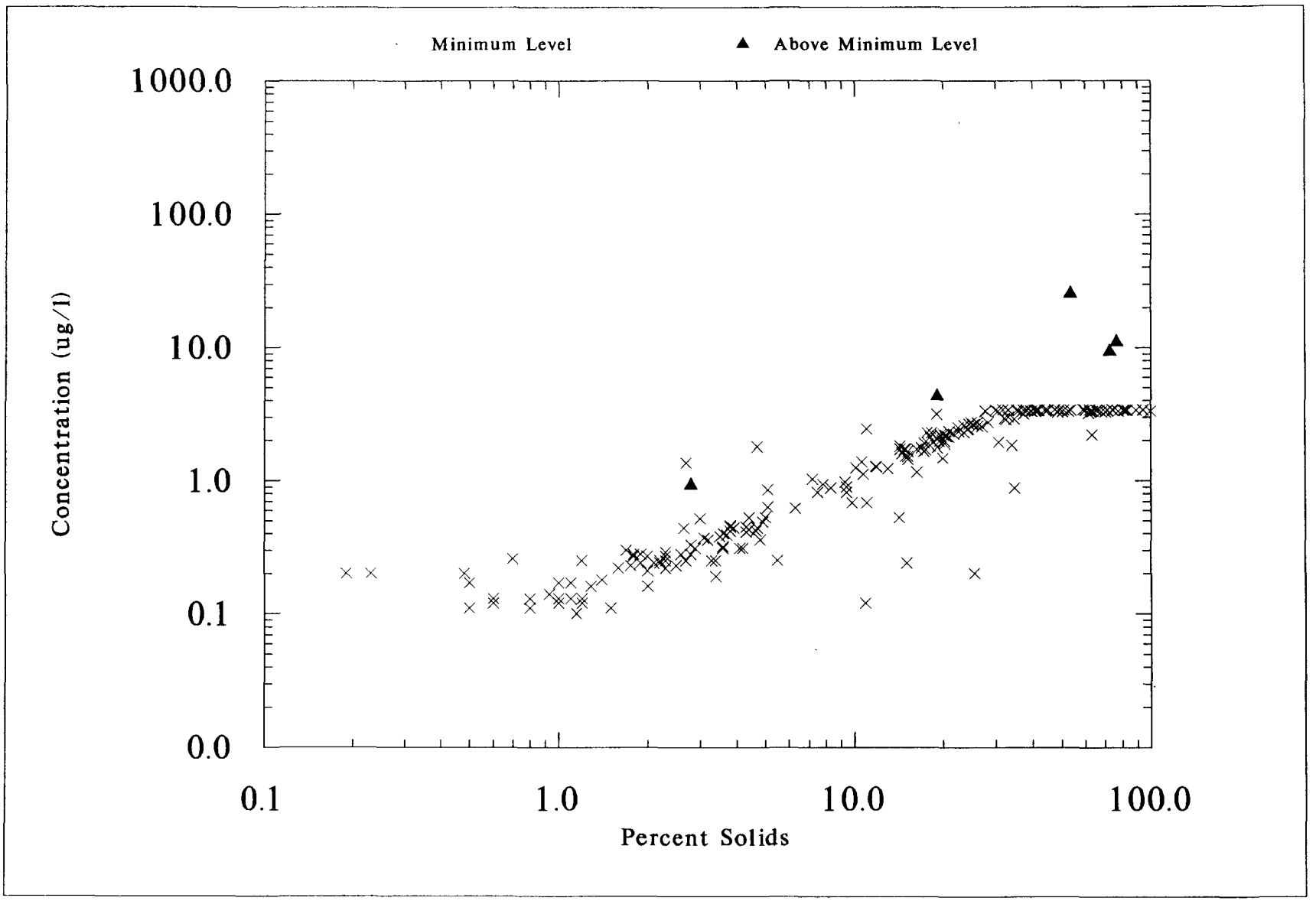

Figure 4-22. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of DIELDRIN

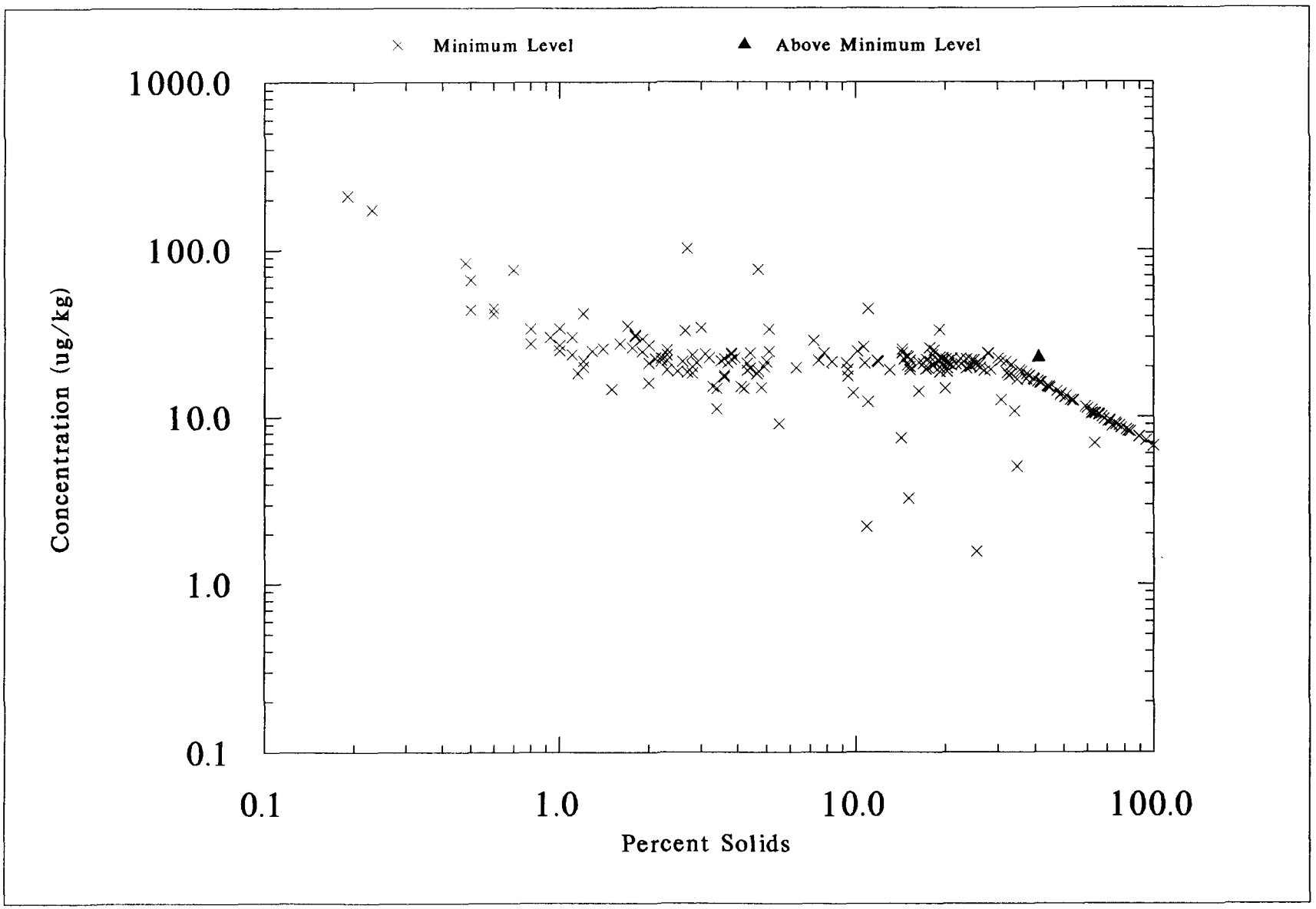

Figure 4-23. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of HEPTACHLOR

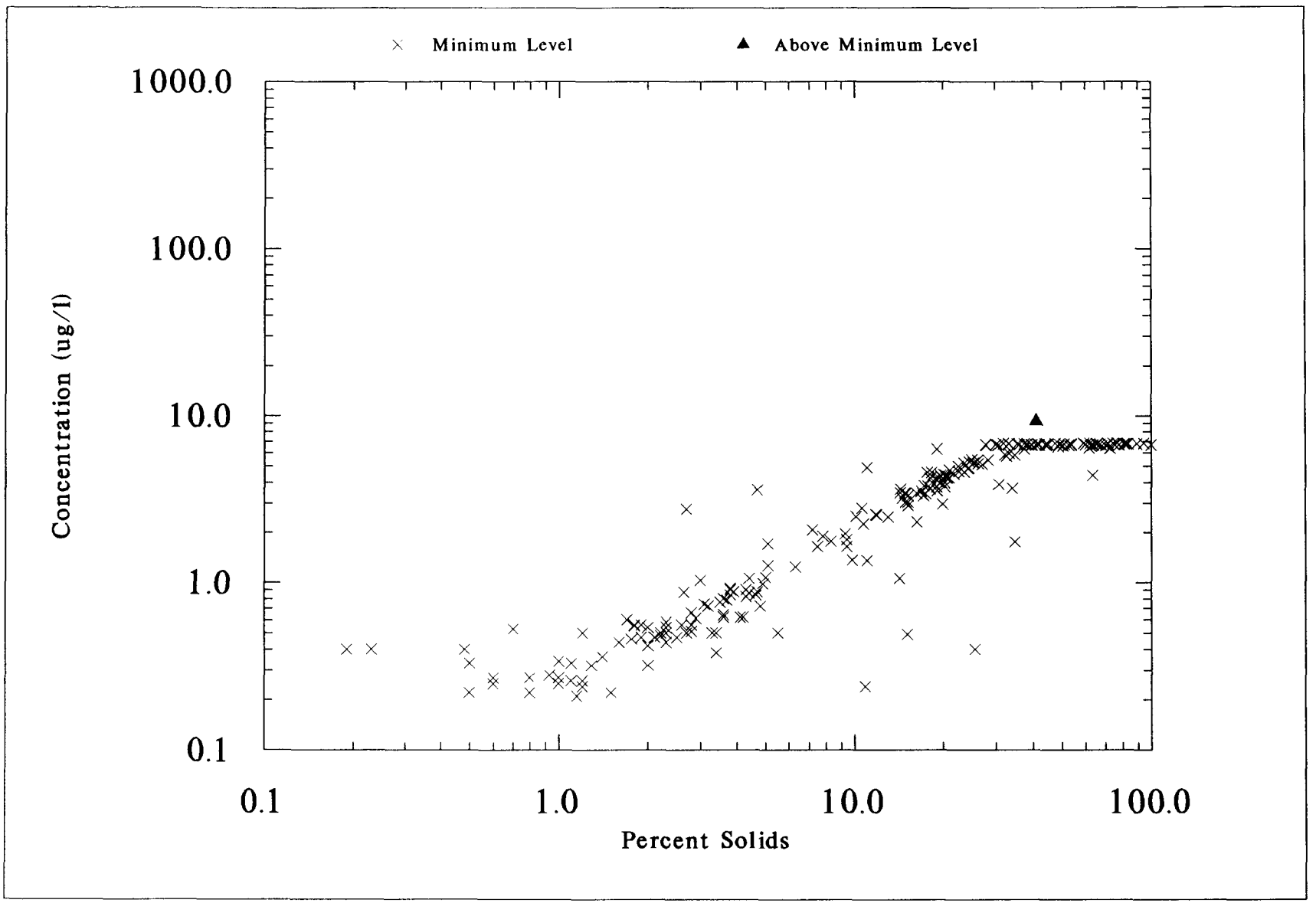

Figure 4-24. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of HEPTACHLOR

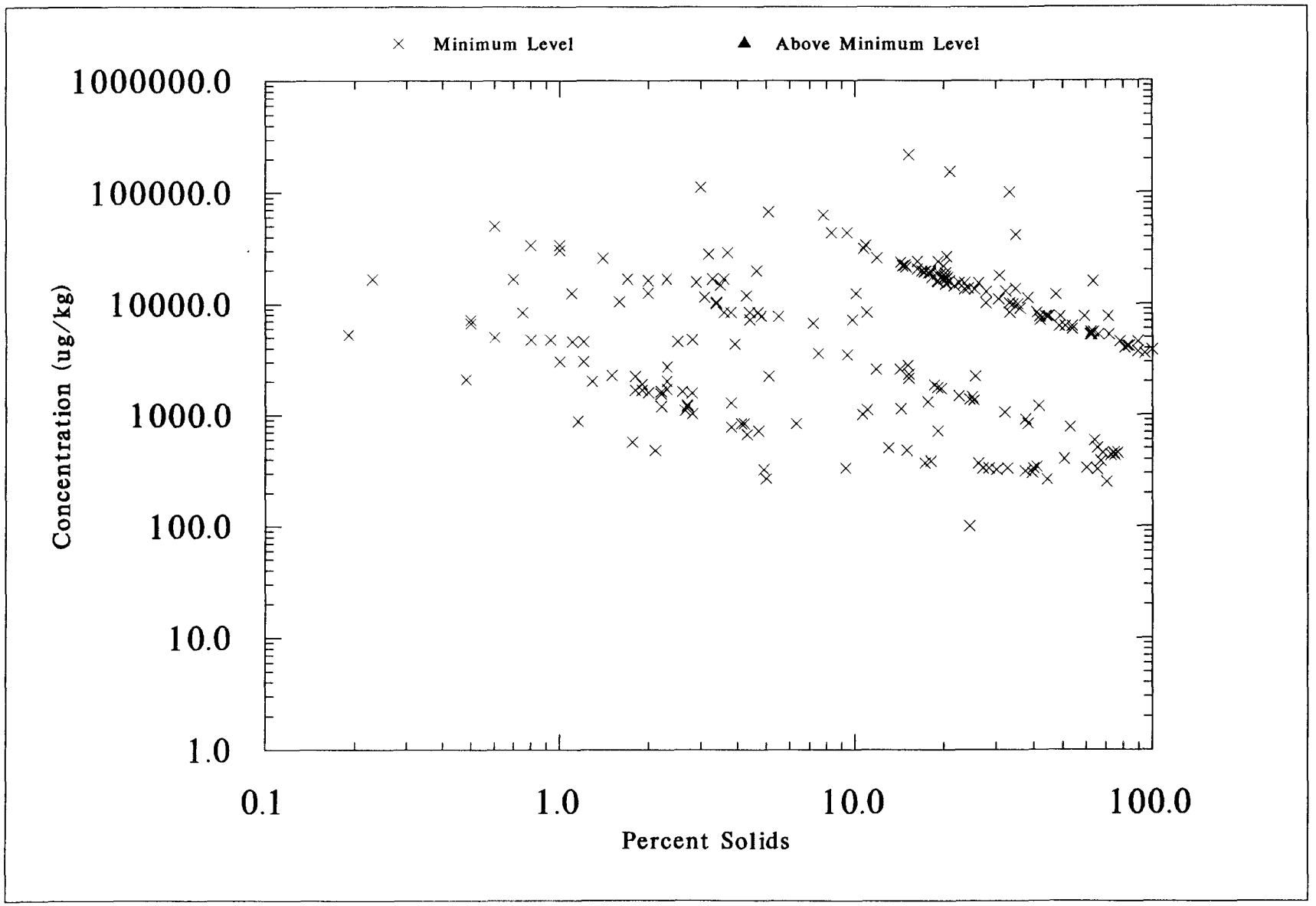

Figure 4-25. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of HEXACHLOROBENZENE

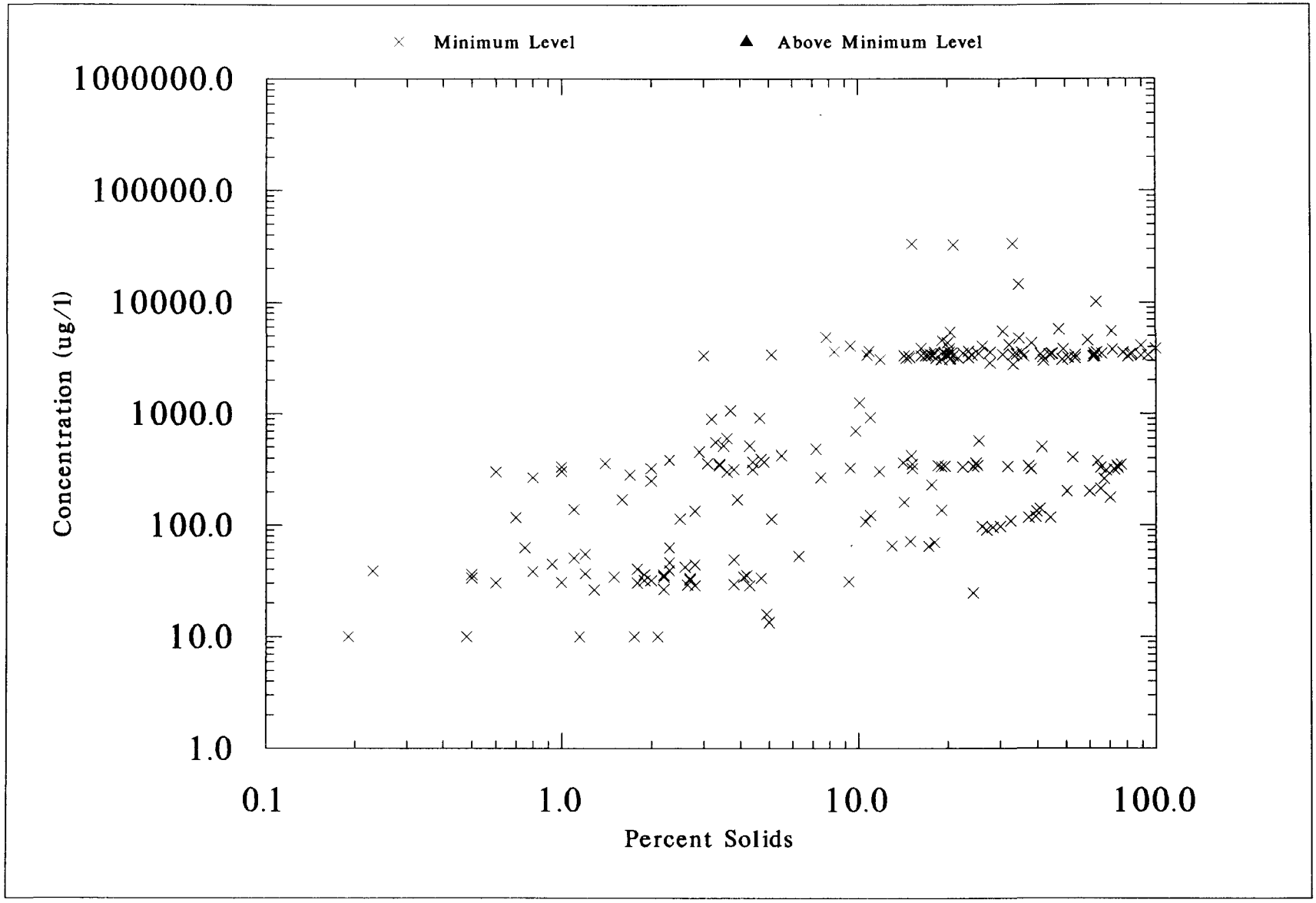

Figure 4-26. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of HEXACHLOROBENZENE

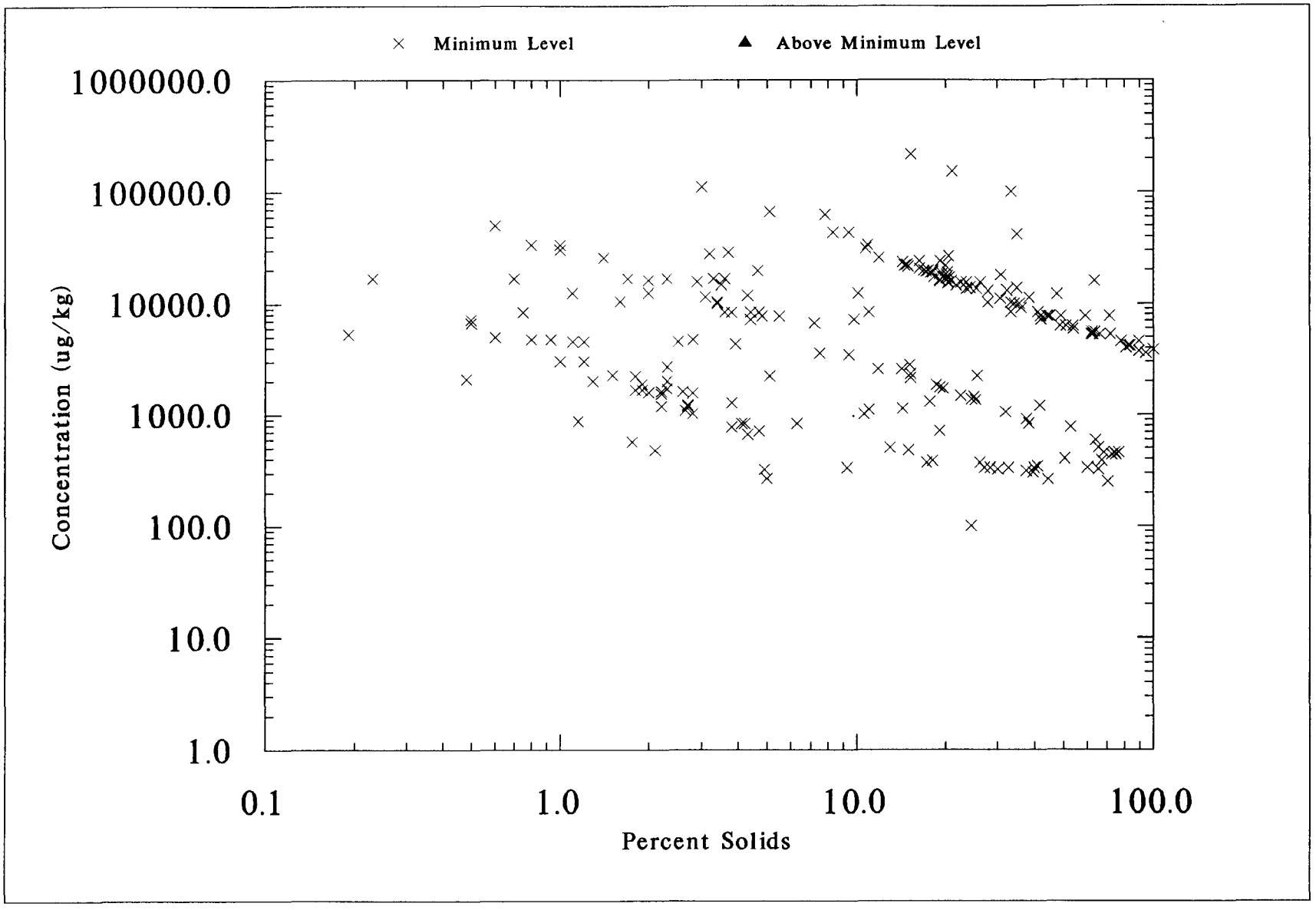

Figure 4-27. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of HEXACHLOROBUTADIENE

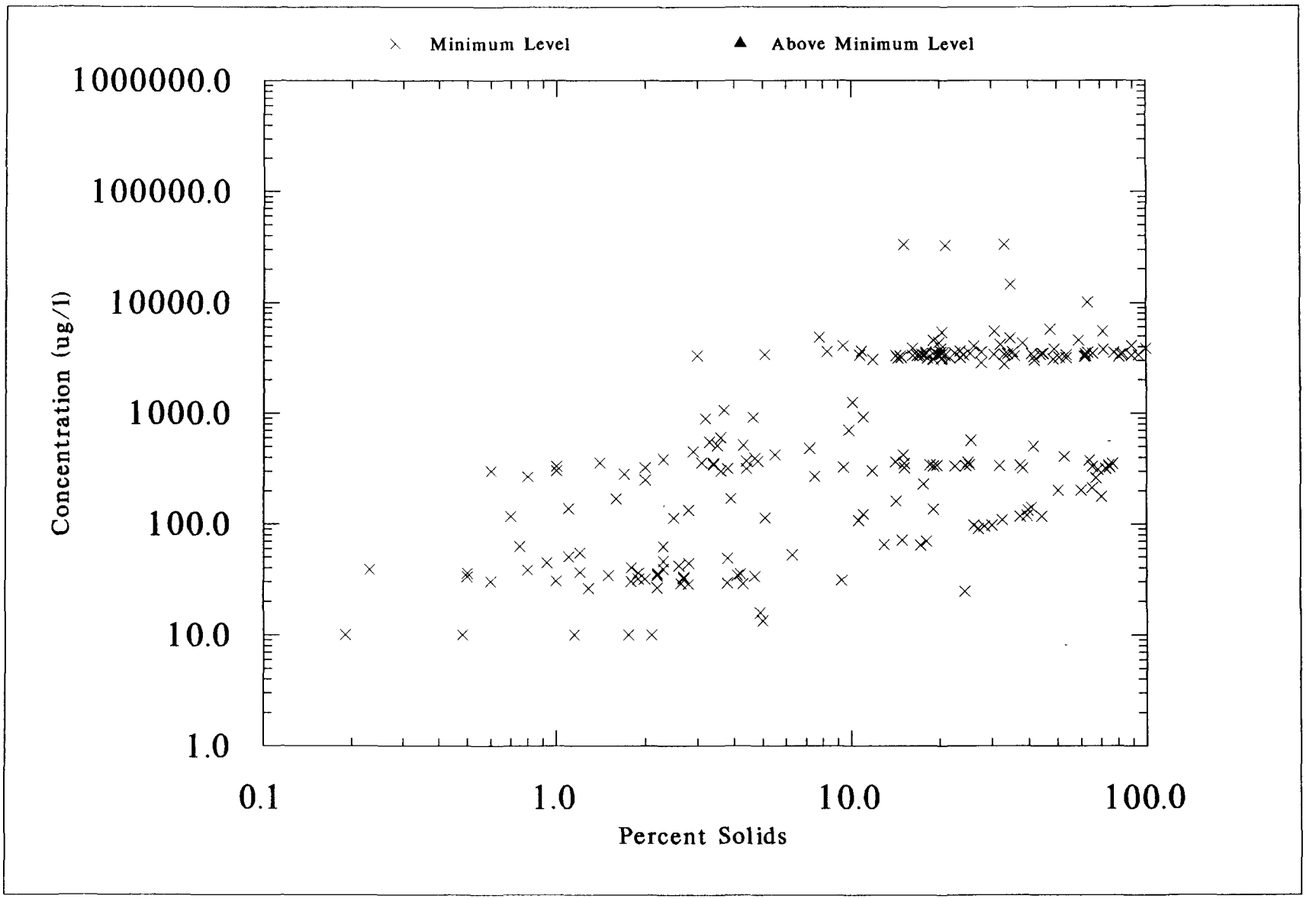

Figure 4-28. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of HEXACHLOROBUTADIENE

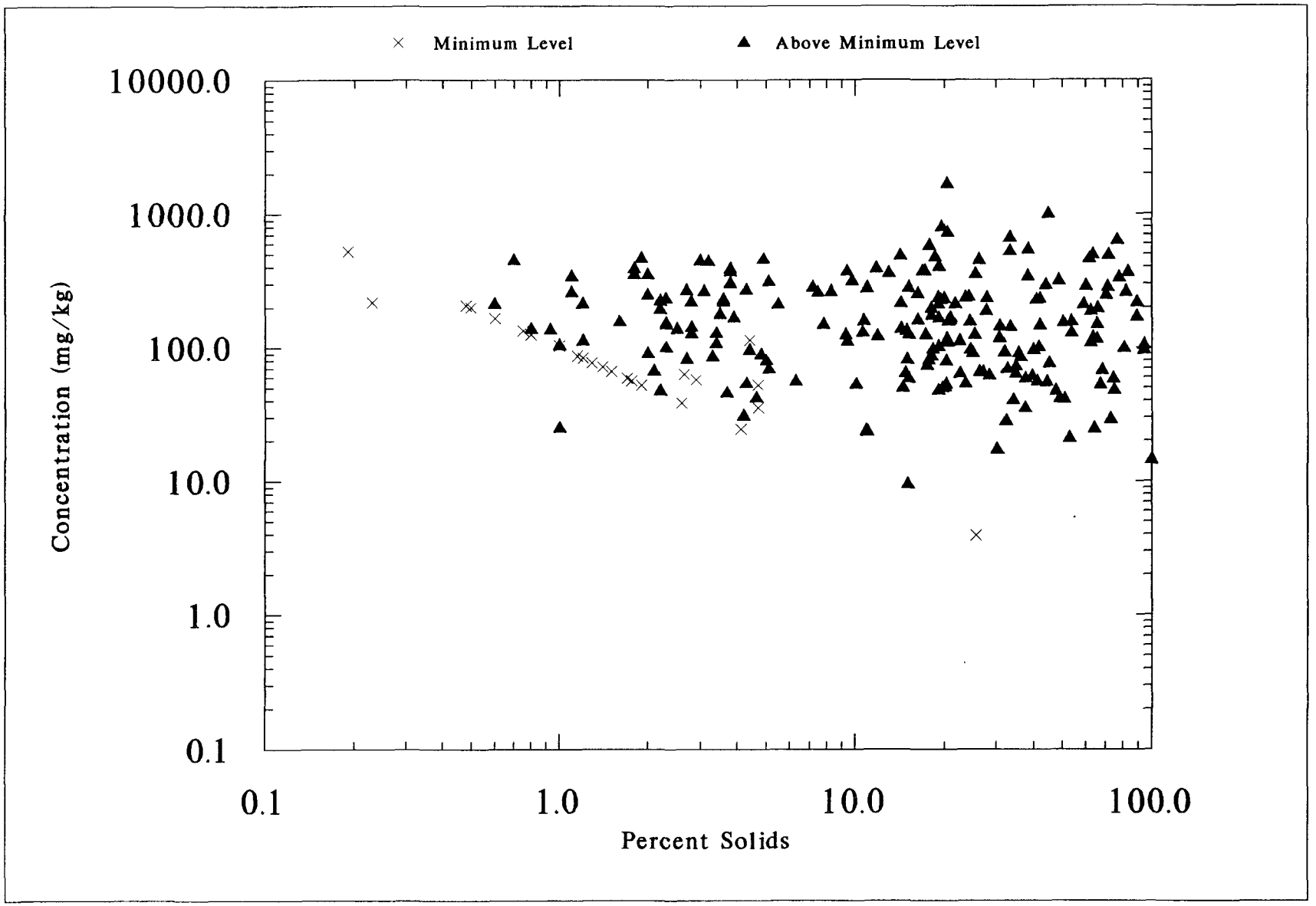

Figure 4-29. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of LEAD

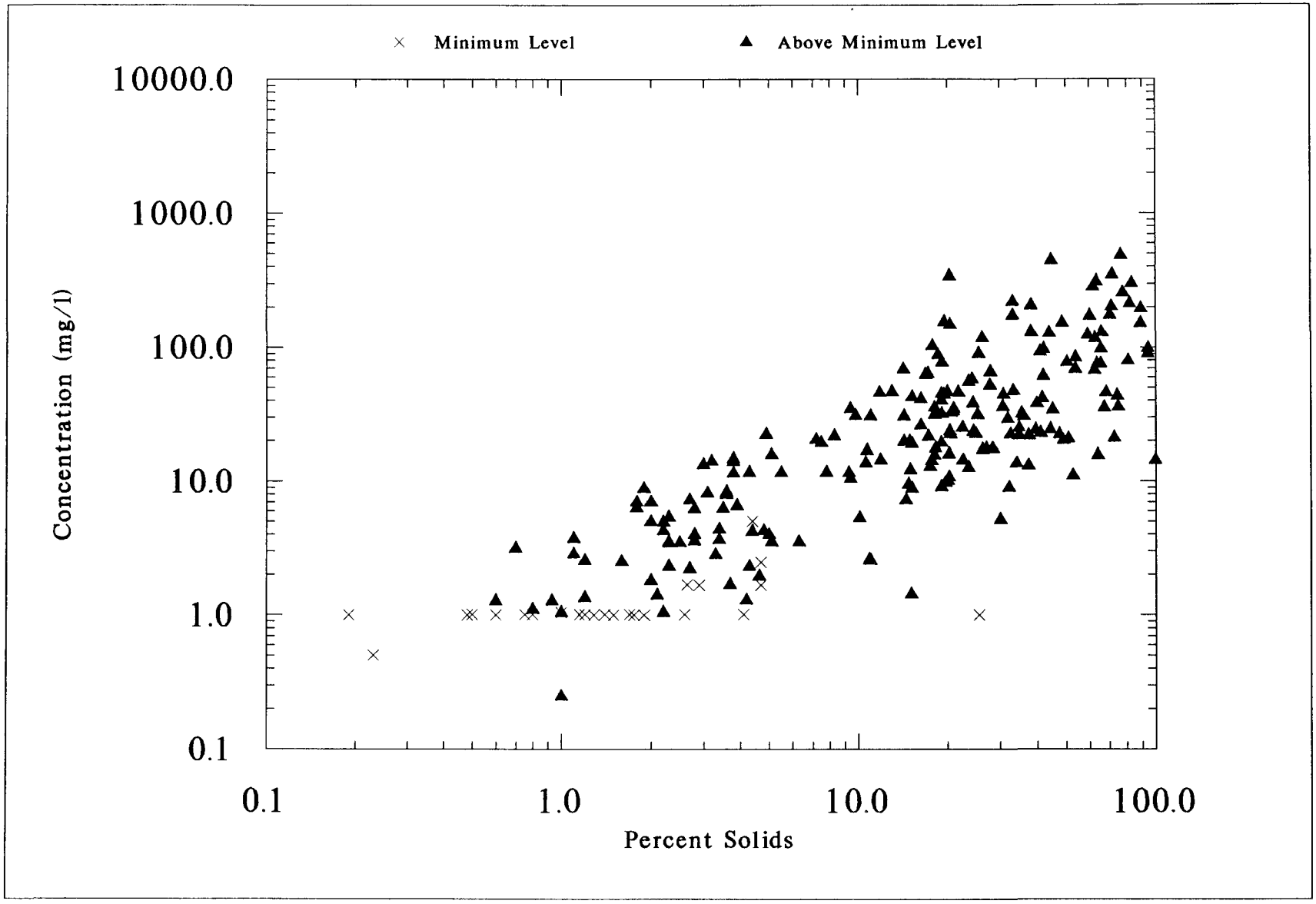

Figure 4-30. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of LEAD

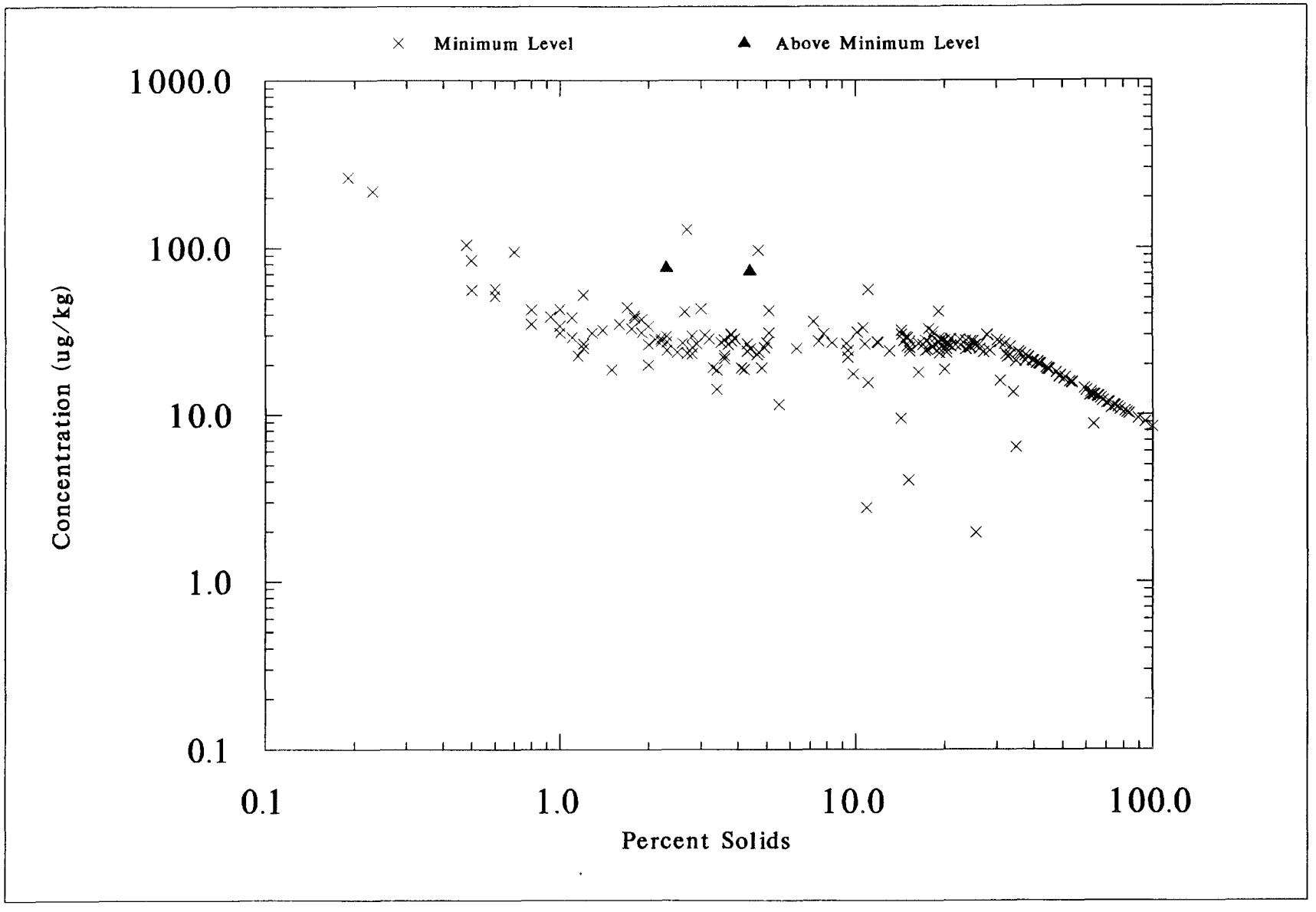

Figure 4-31. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of LINDANE (GAMMA-BHC)

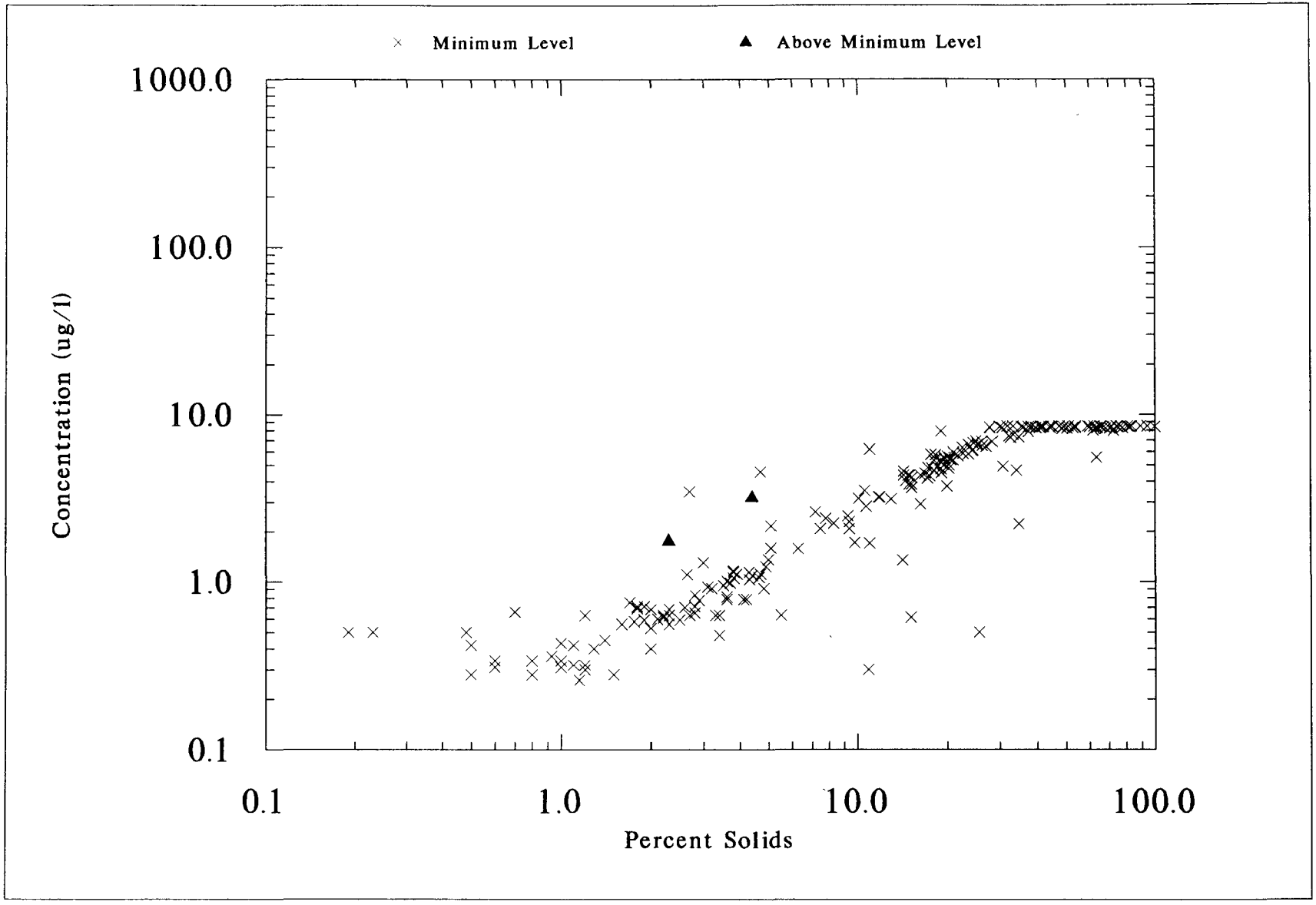

Figure 4-32. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of LINDANE (GAMMA-BHC)

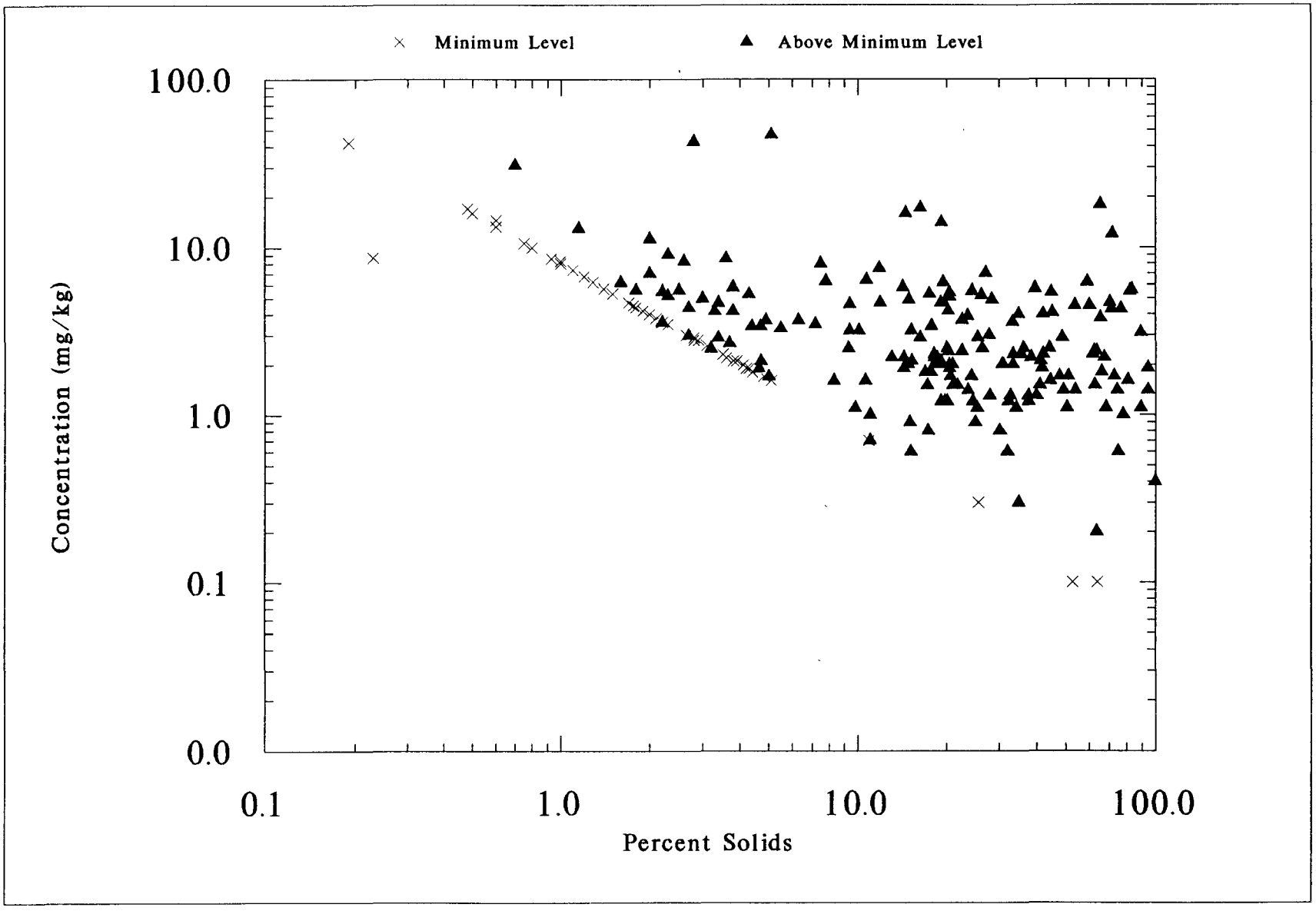

Figure 4-33. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of MERCURY

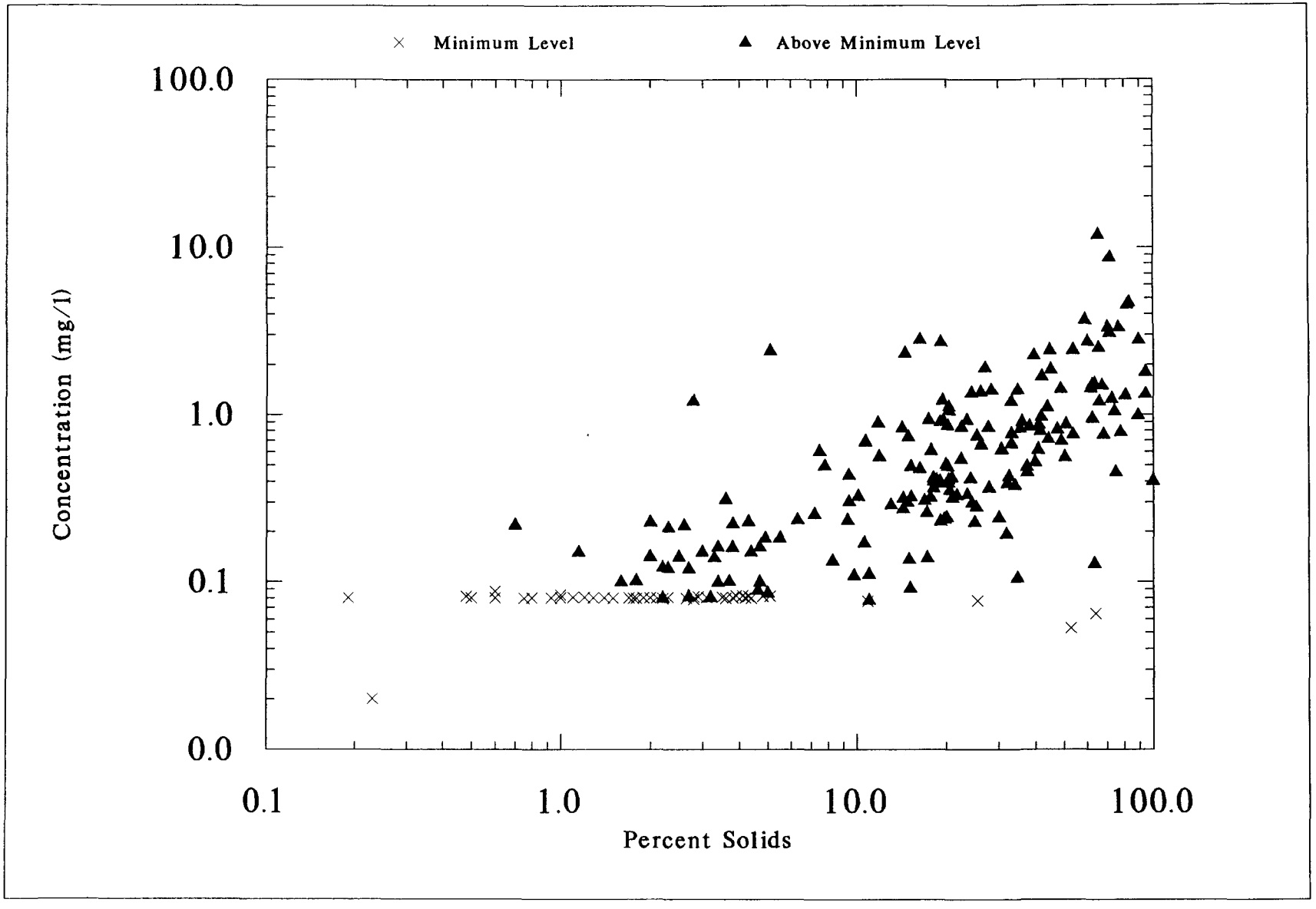

Figure 4-34. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of MERCURY

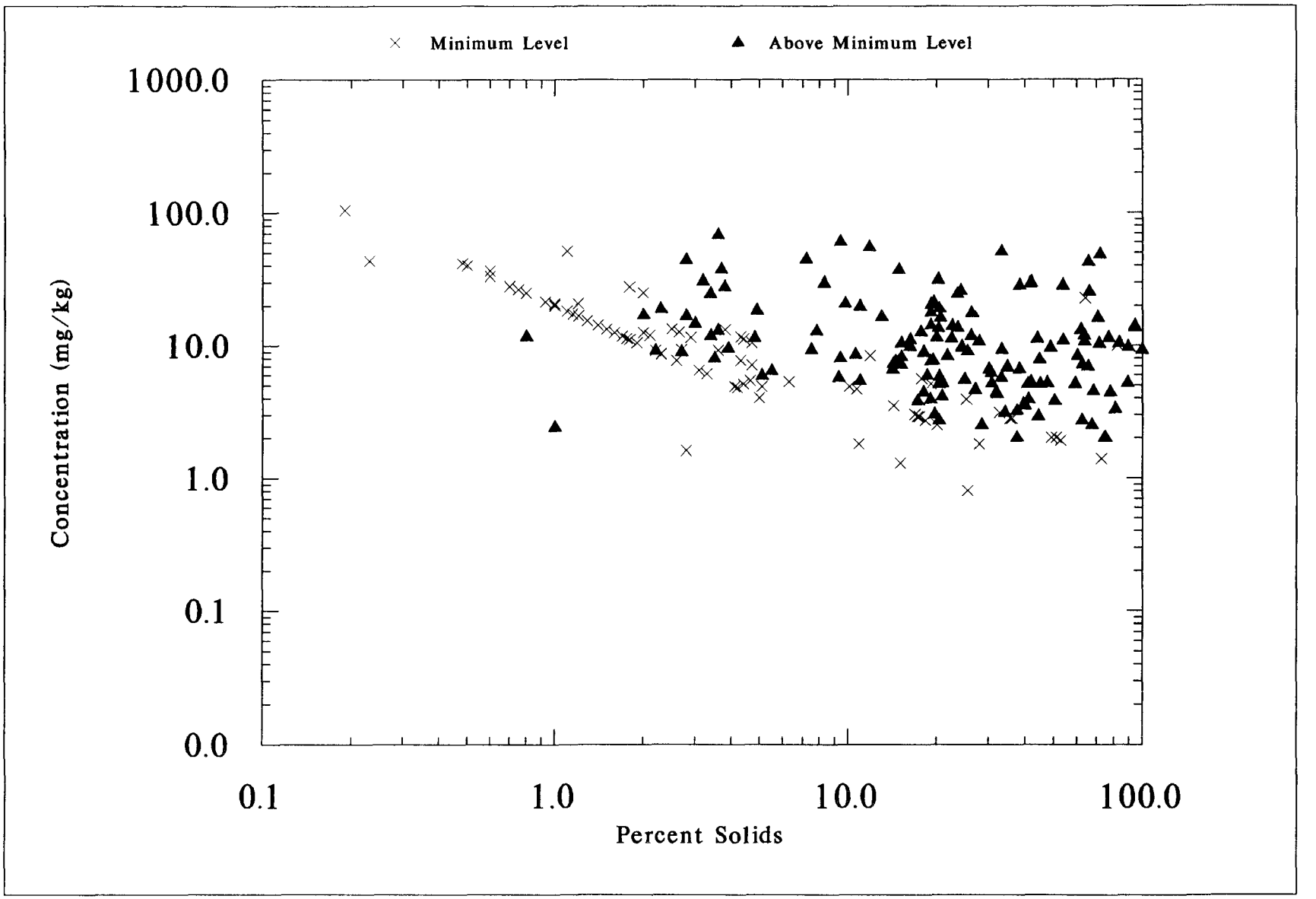

Figure 4-35. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of MOLYBDENUM

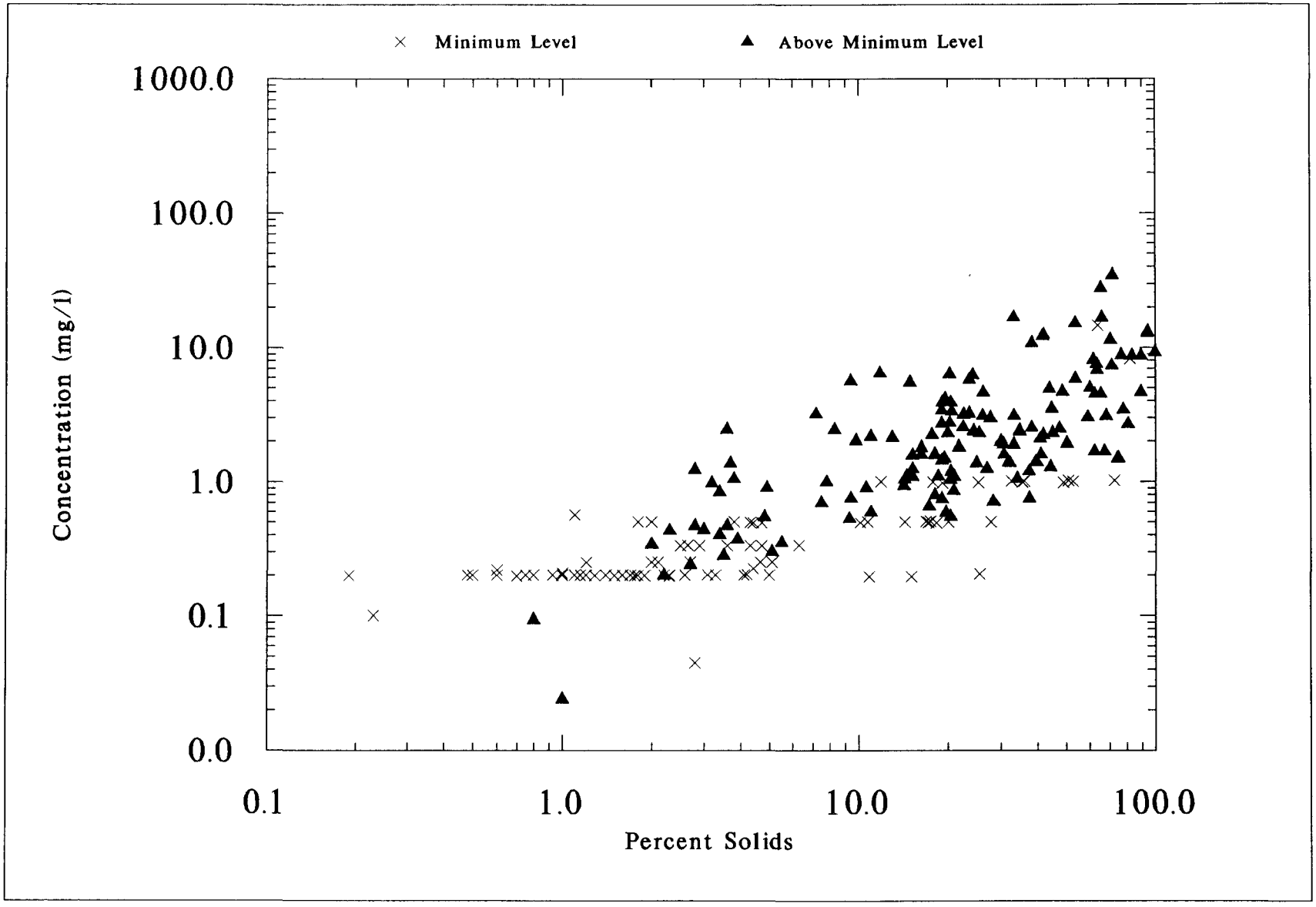

Figure 4-36. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of MOLYBDENUM

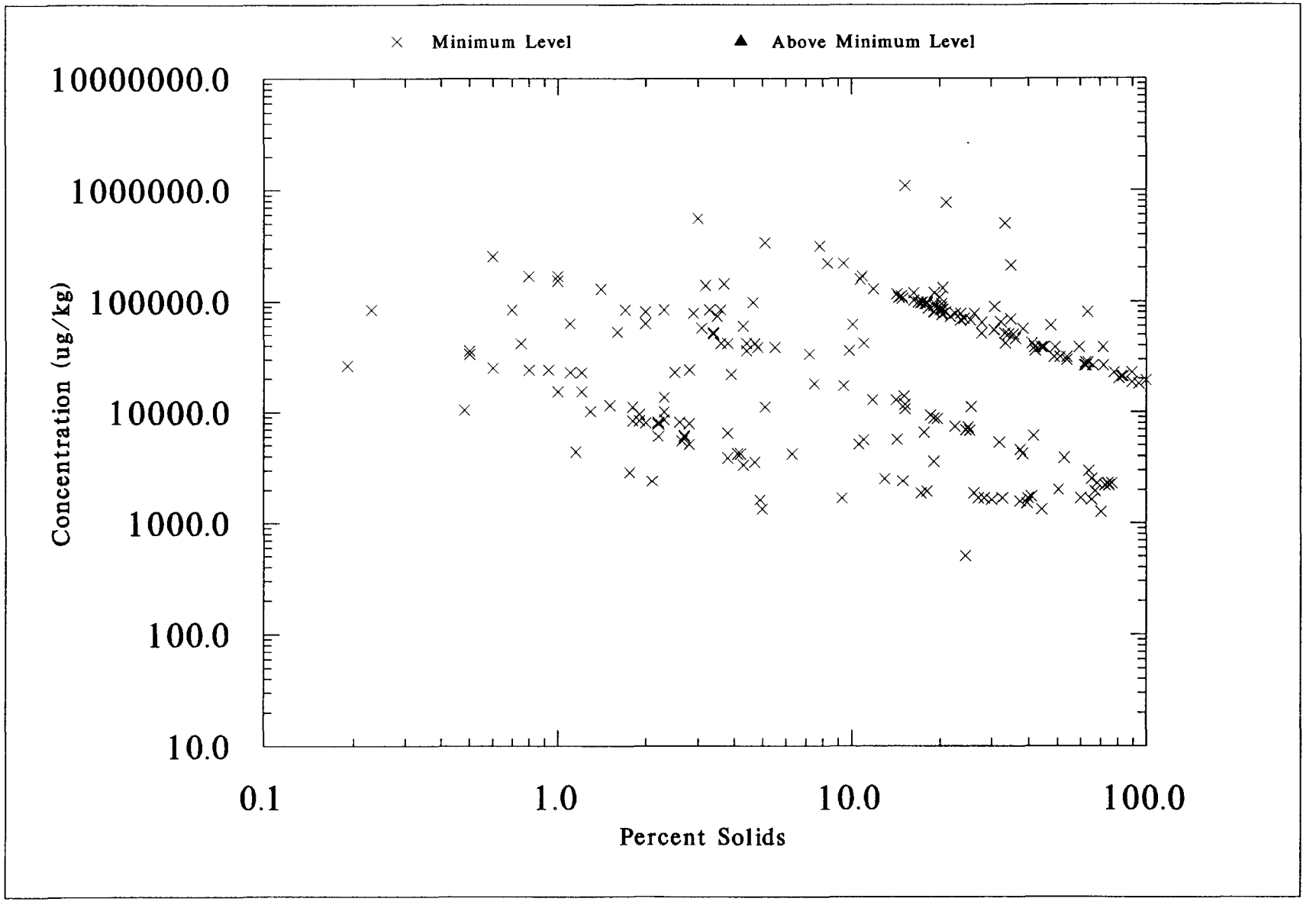

Figure 4-37. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of N-NITROSODIMETHYLAMINE

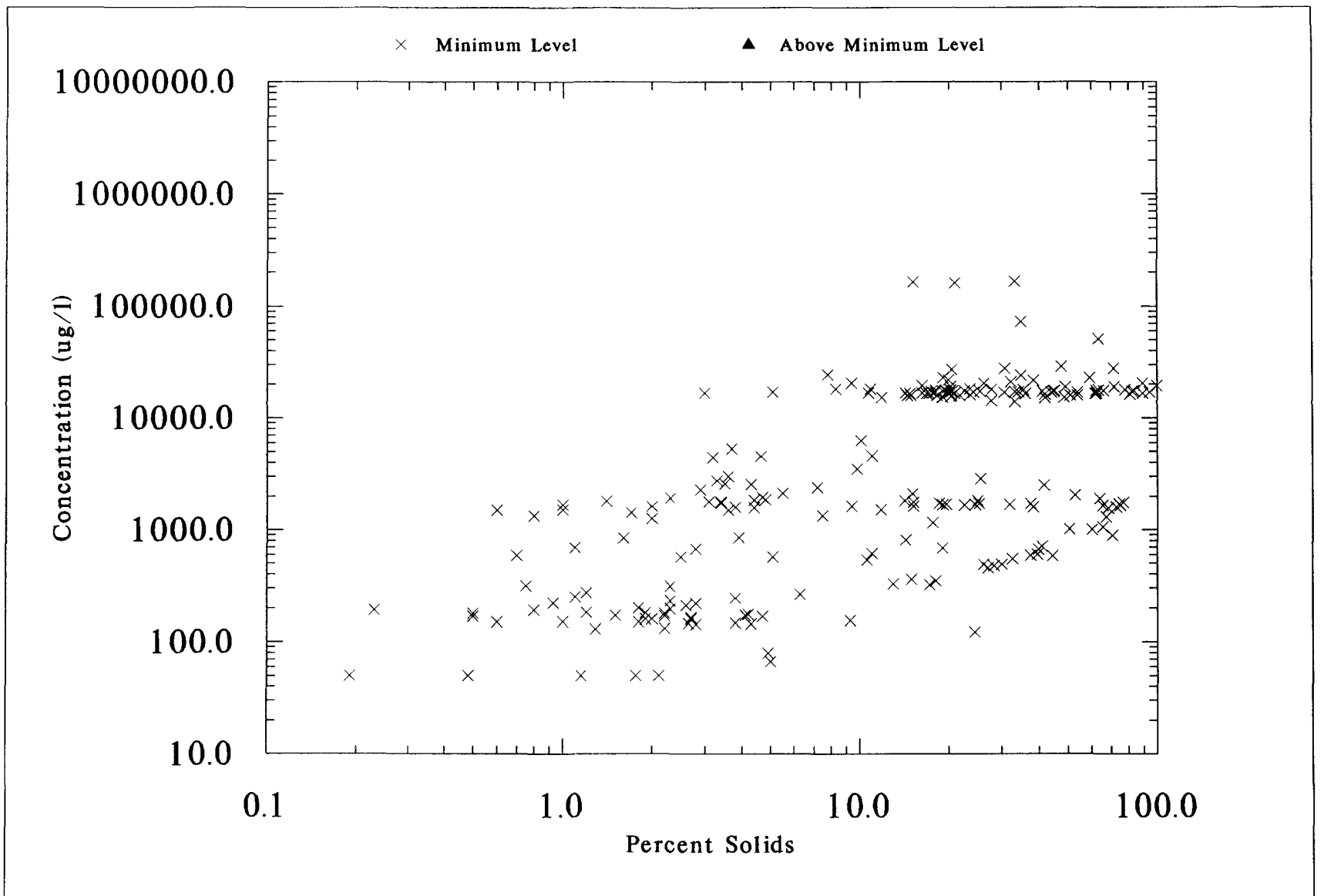

Figure 4-38. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of N-NITROSODIMETHYLAMINE

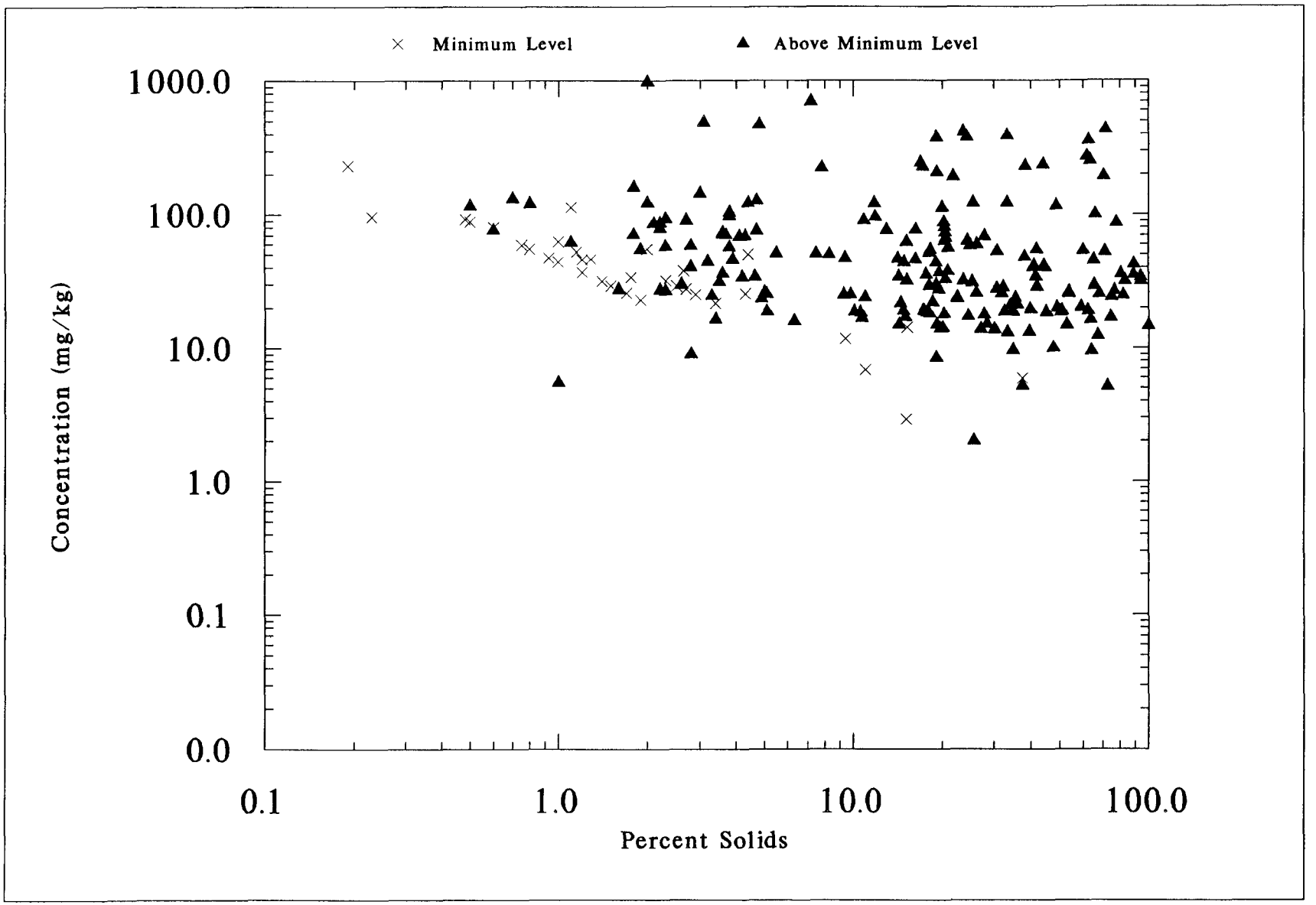

Figure 4-39. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of NICKEL

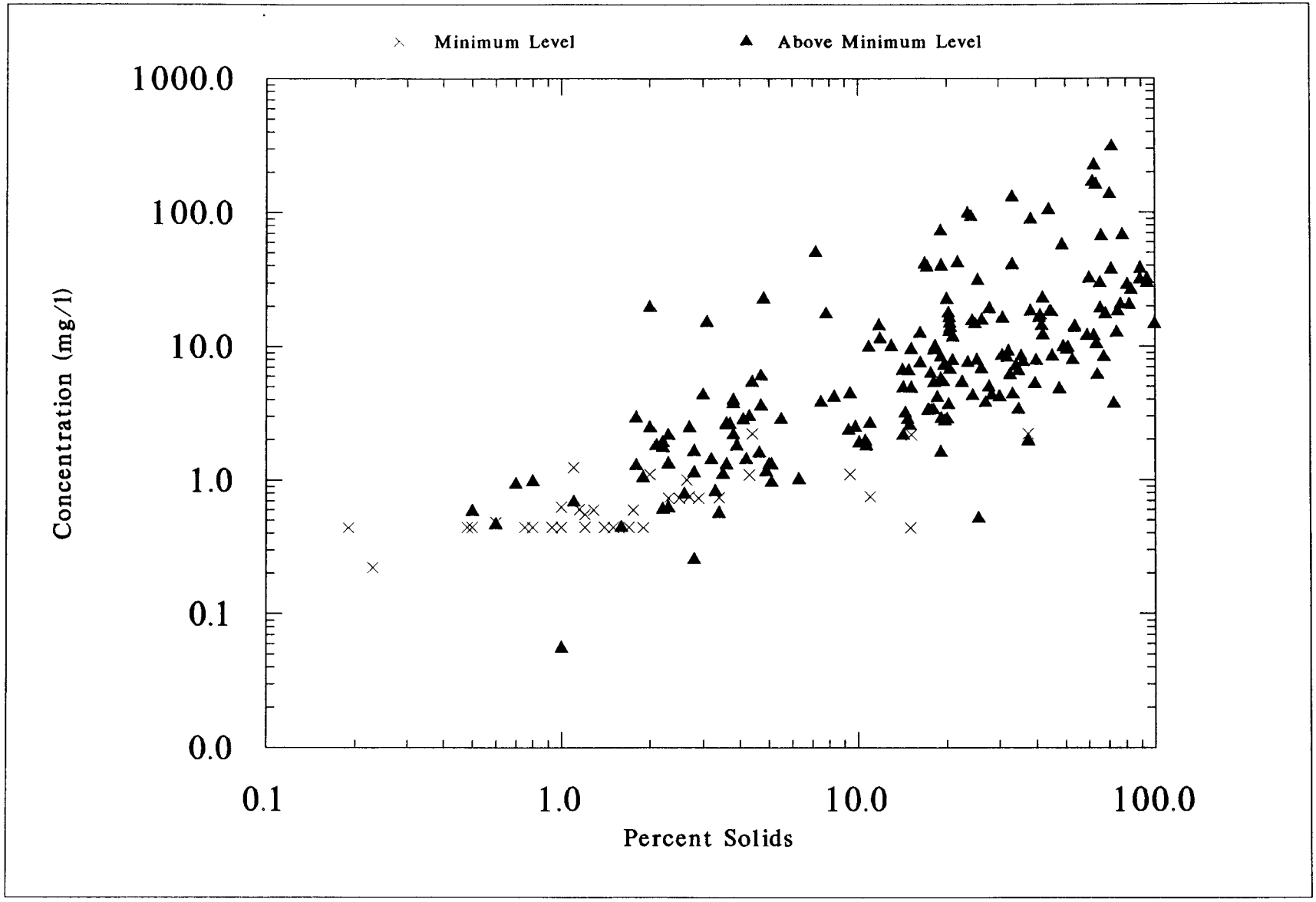

Figure 4-40. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of NICKEL

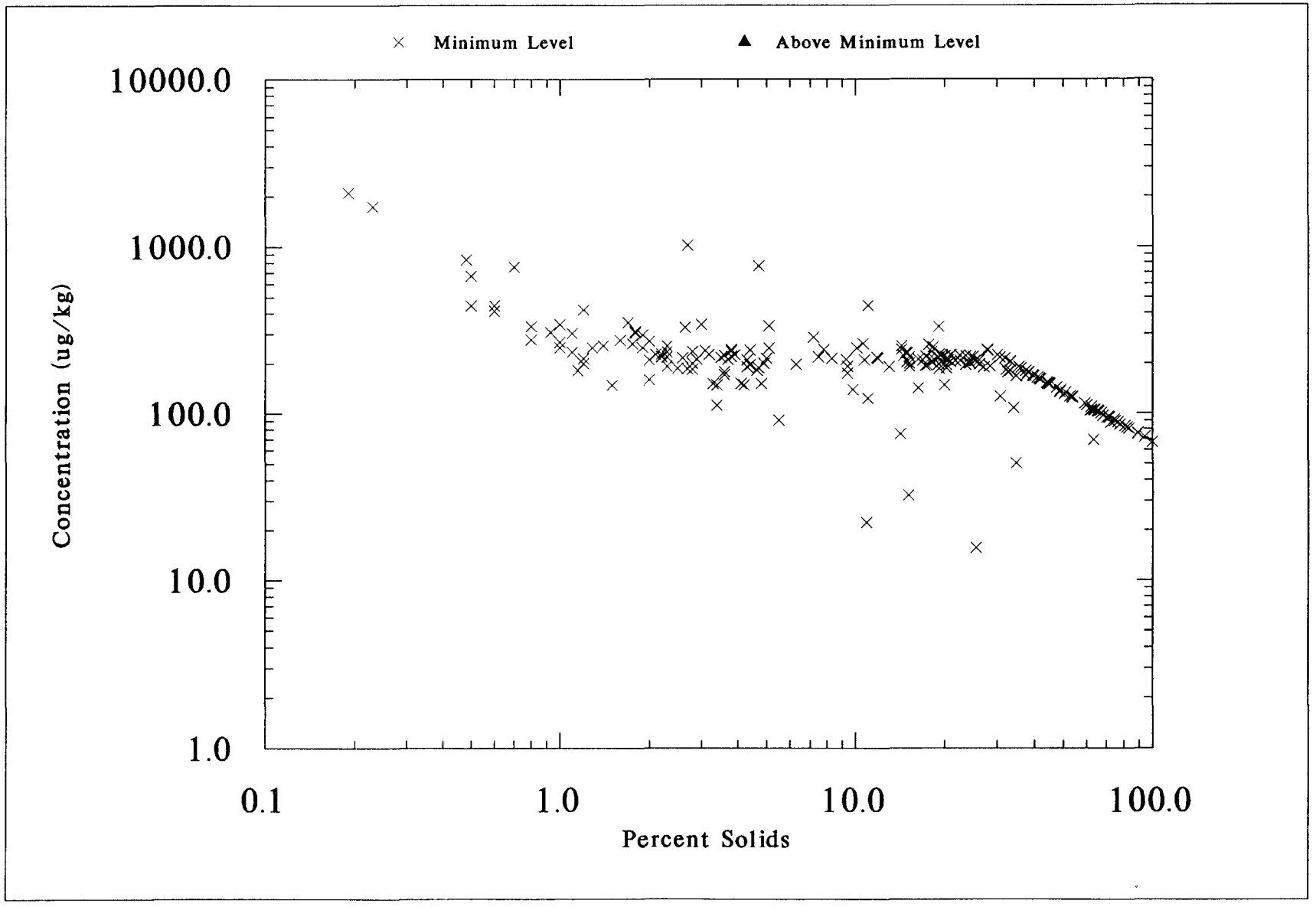

Figure 4-41. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of PCB-1016

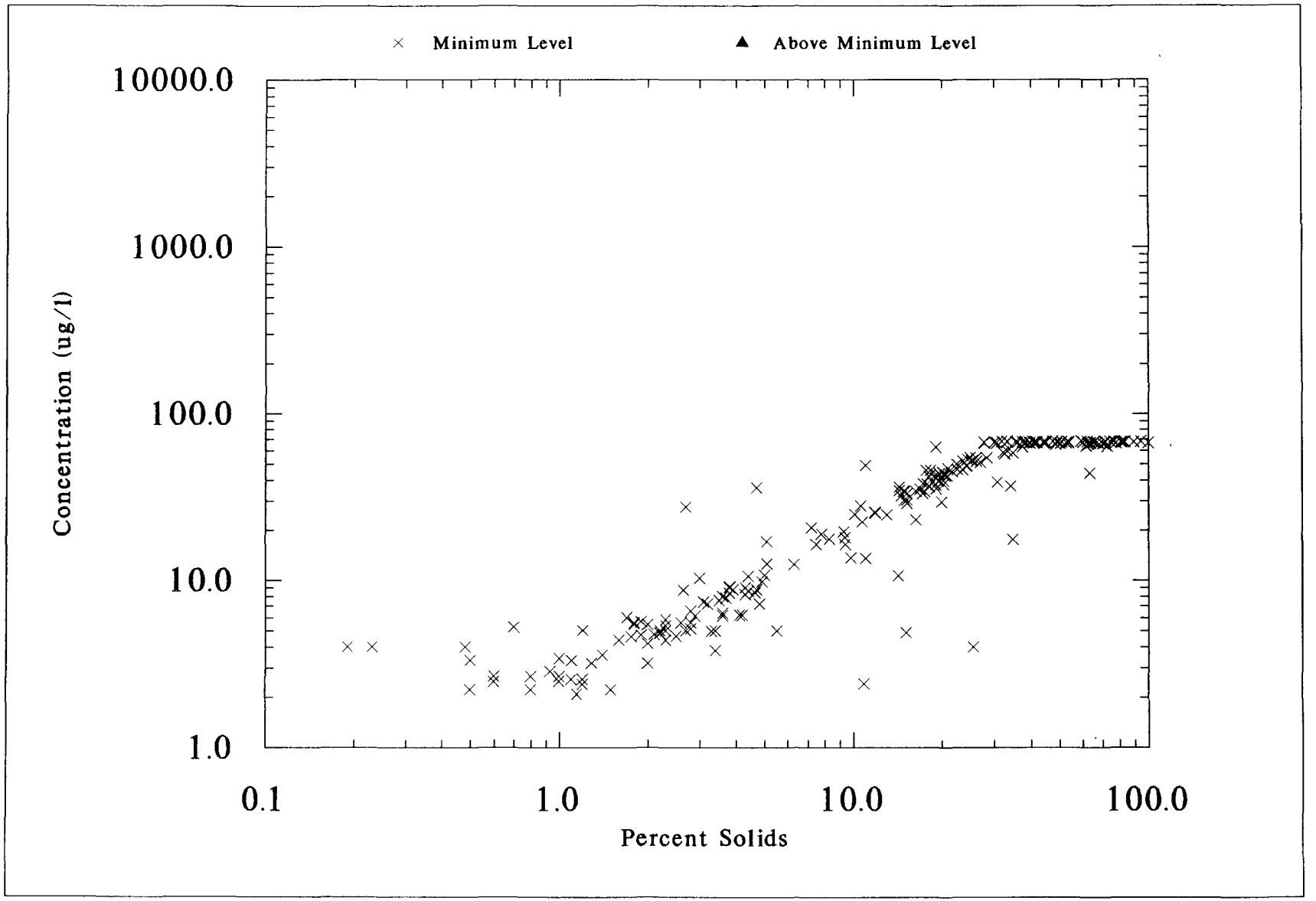

Figure 4-42. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of PCB-1016

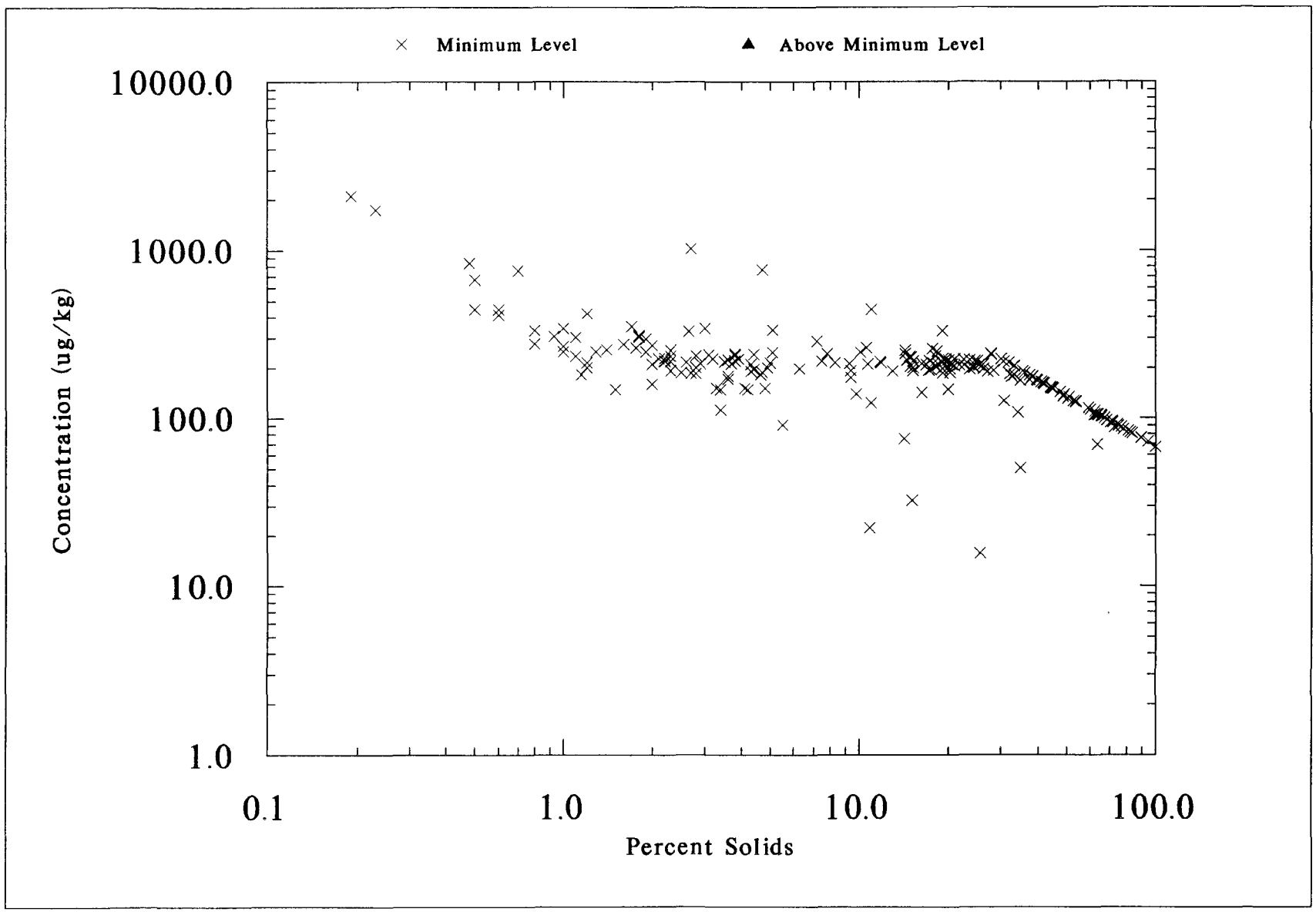

Figure 4-43. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of PCB-1221

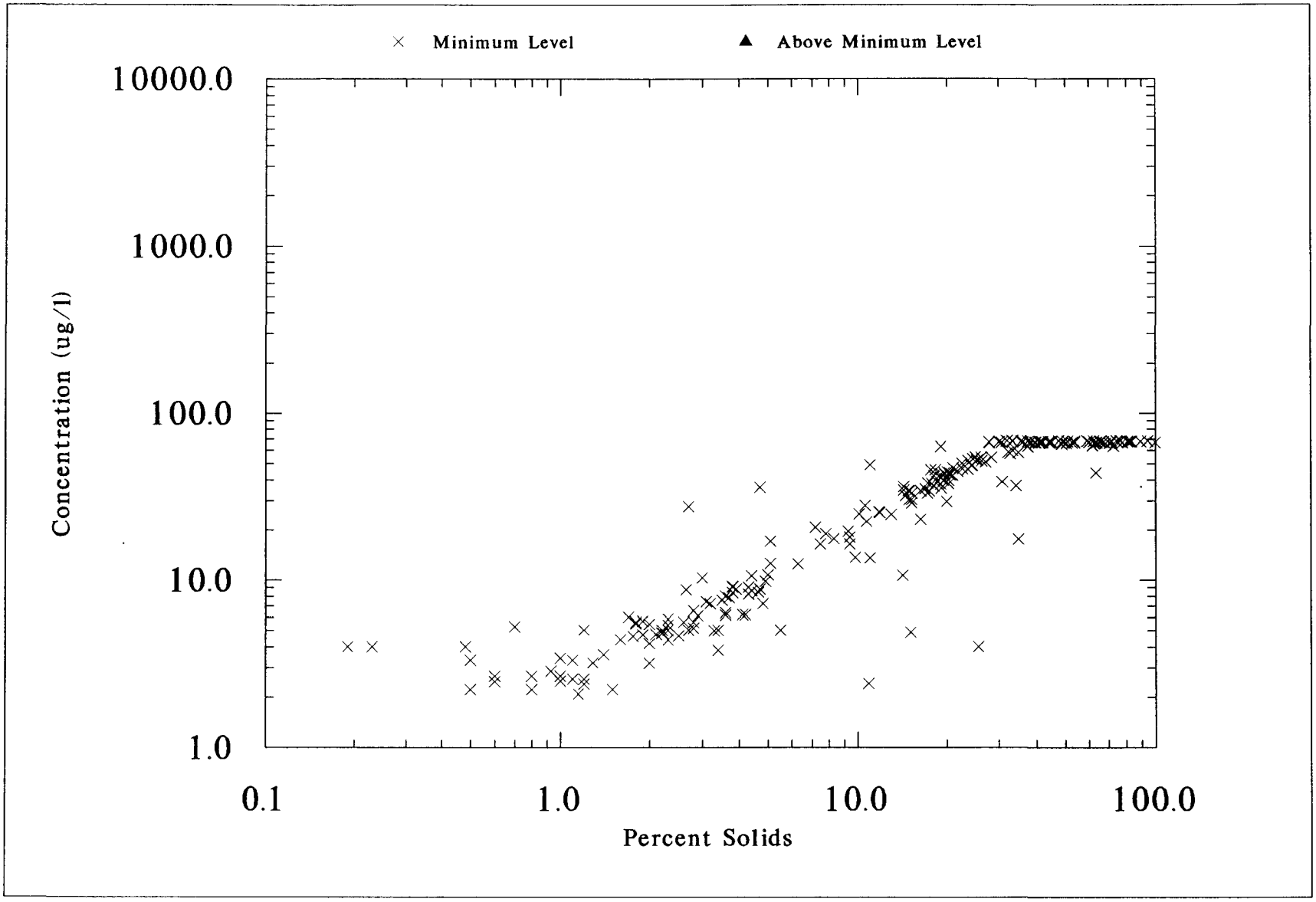

Figure 4-44. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of PCB-1221

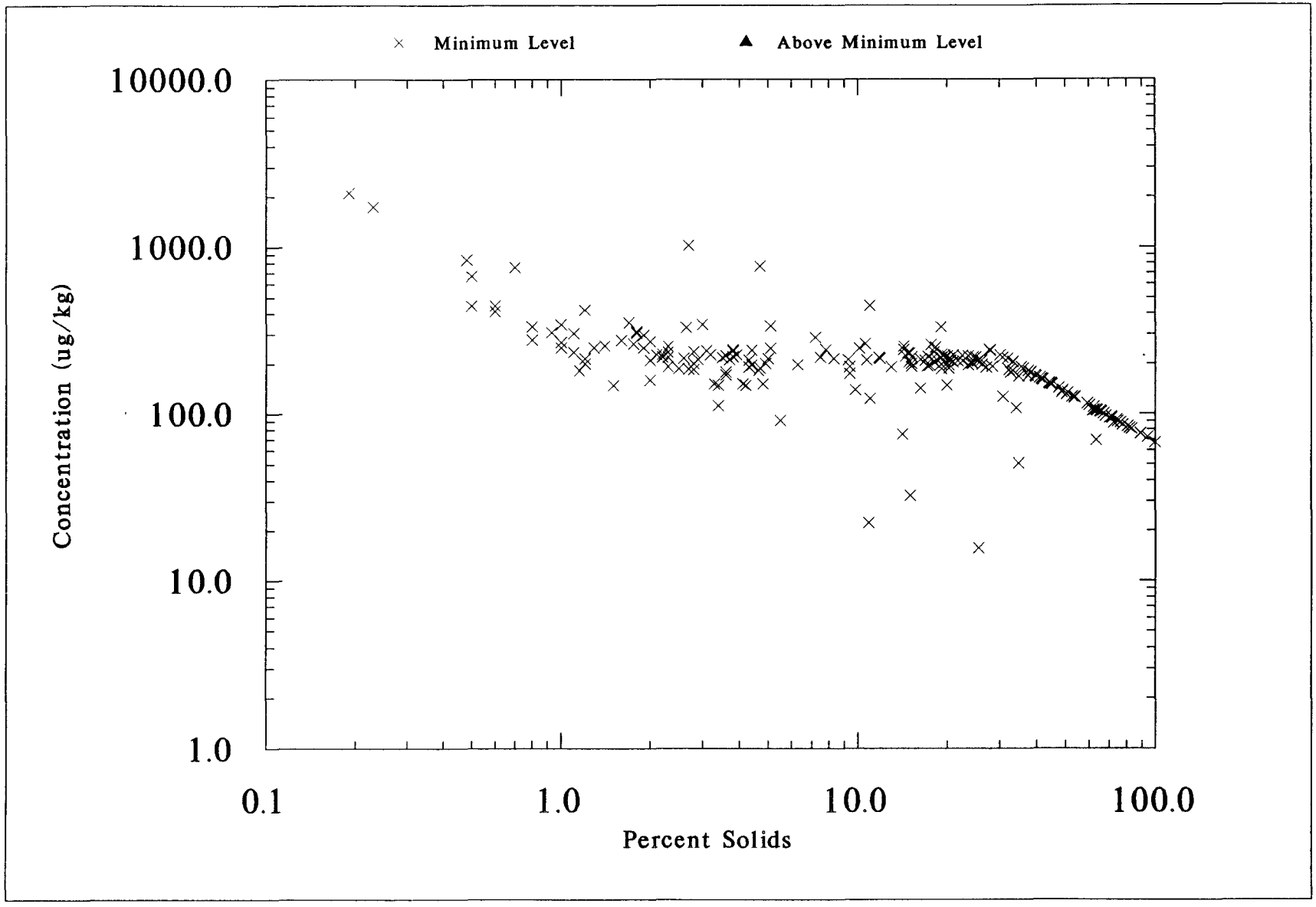

Figure 4-45. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of PCB-1232

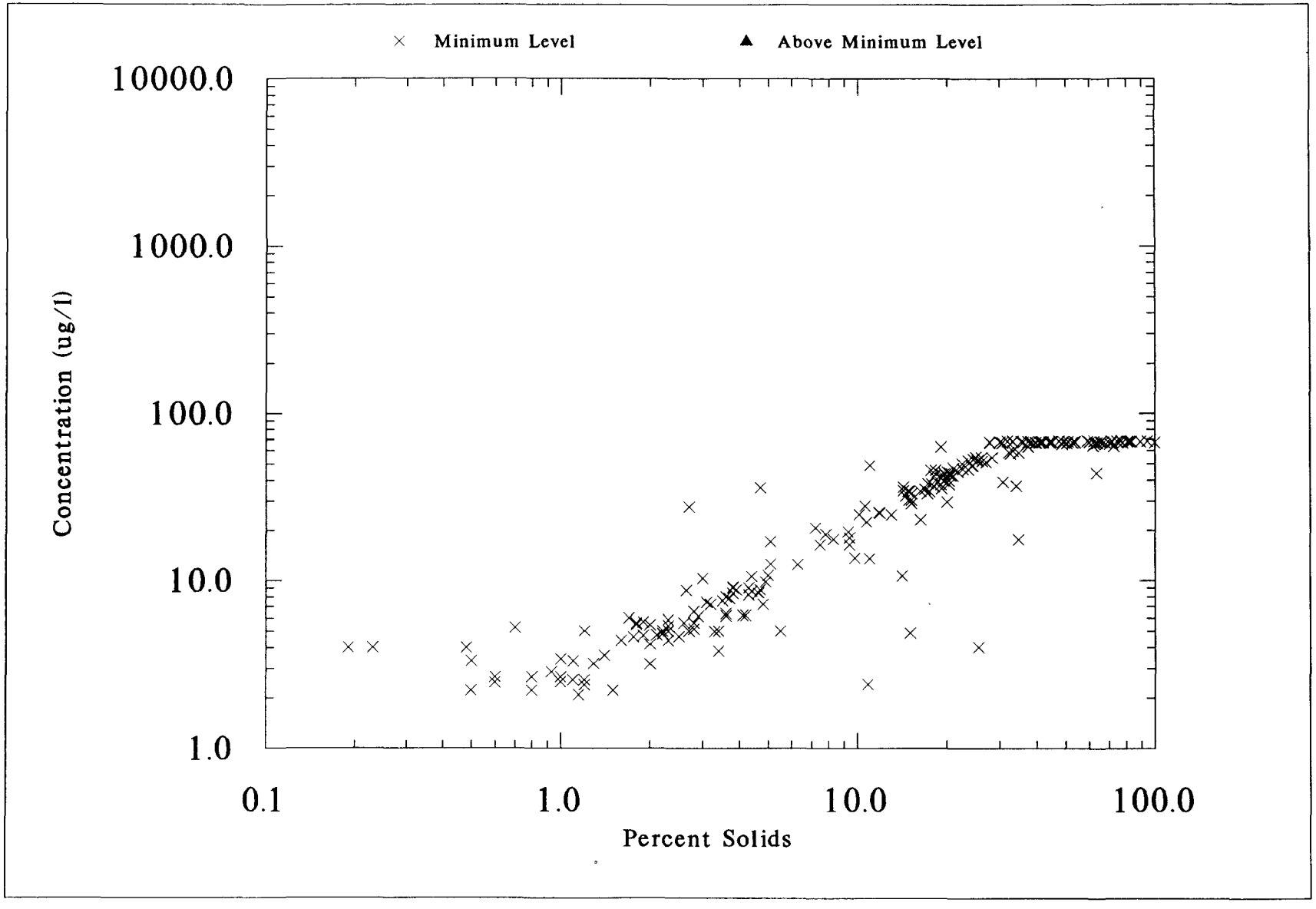

Figure 4-46. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of PCB-1232

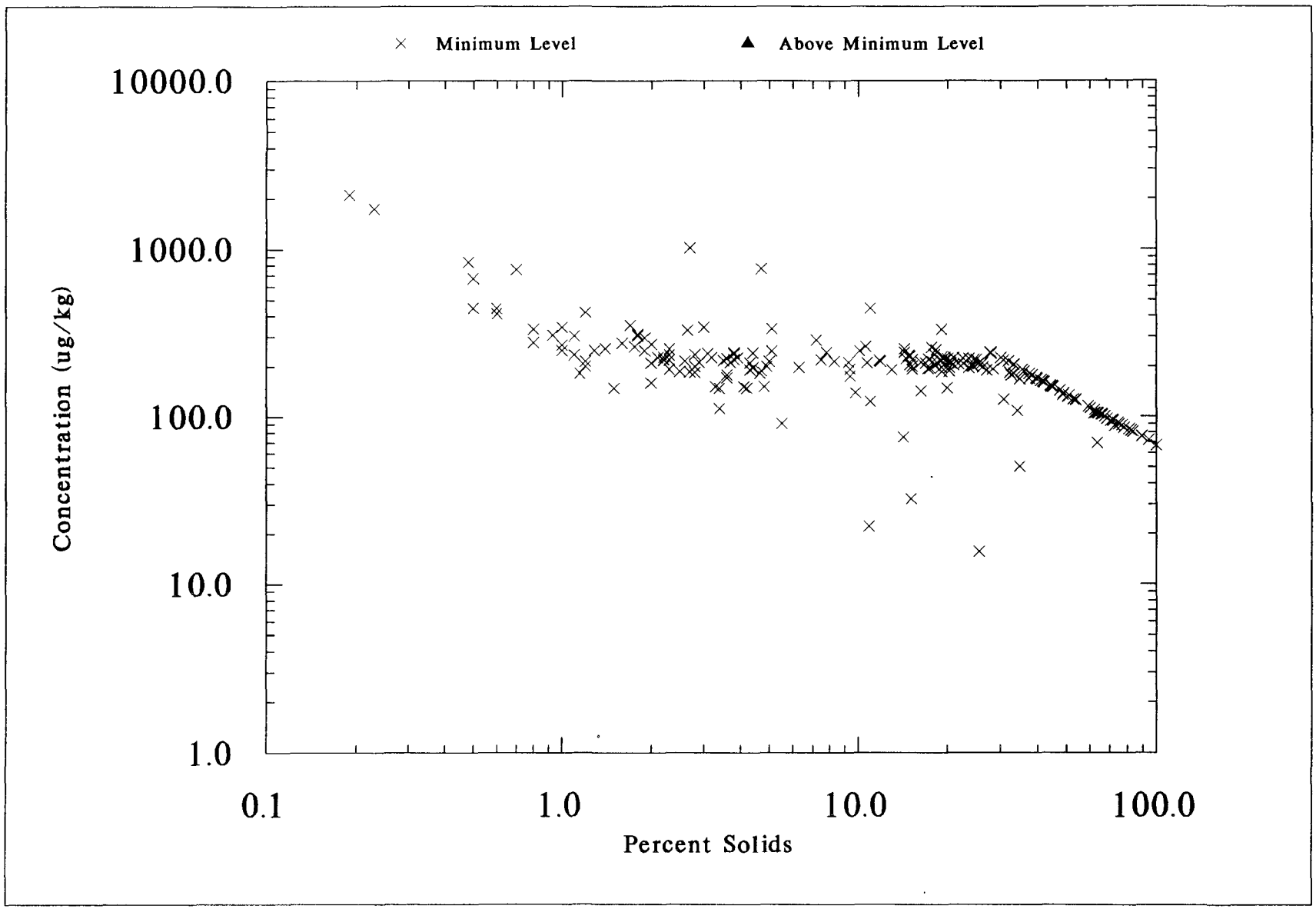

Figure 4-47. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of PCB-1242

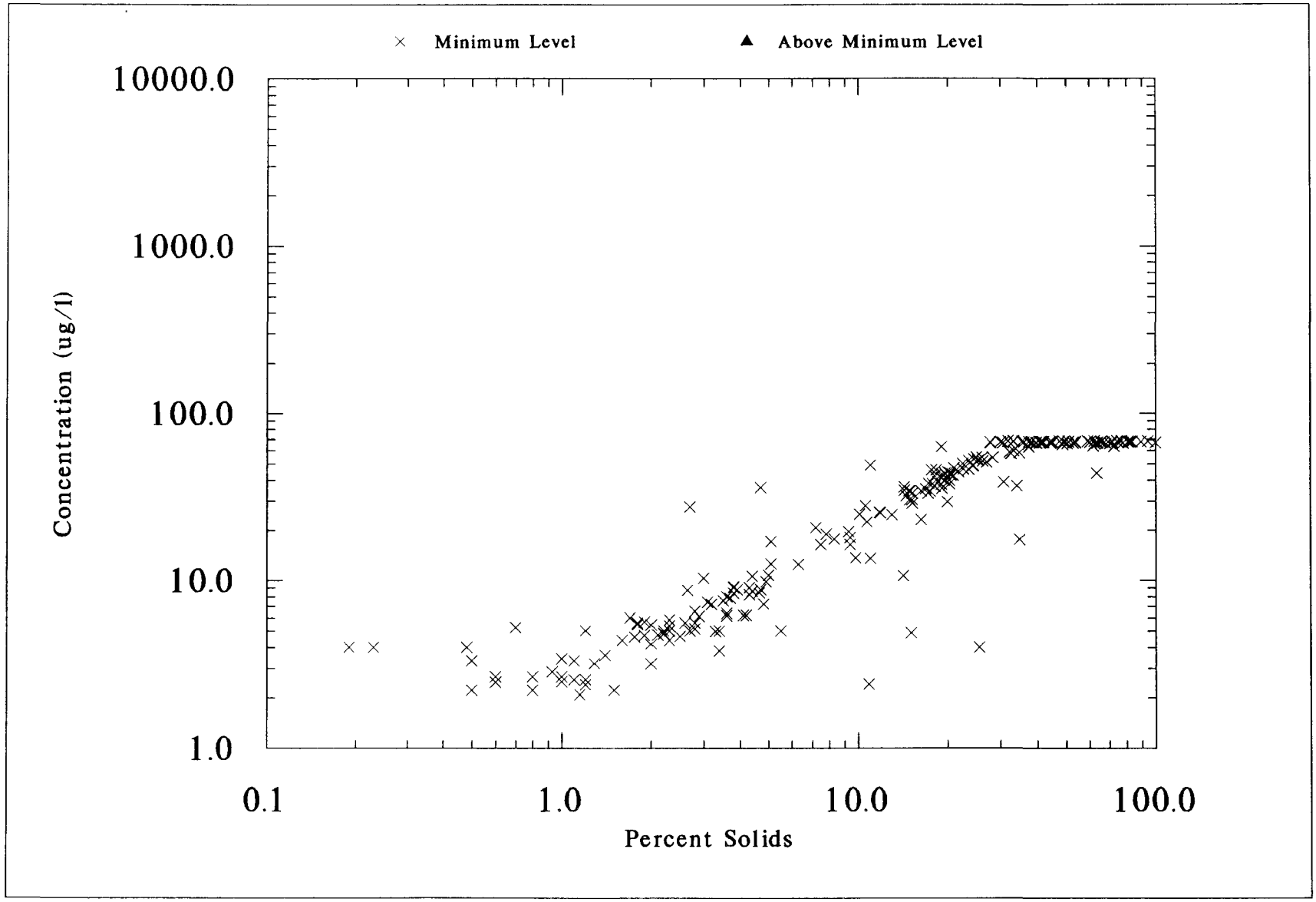

Figure 4-48. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of PCB-1242

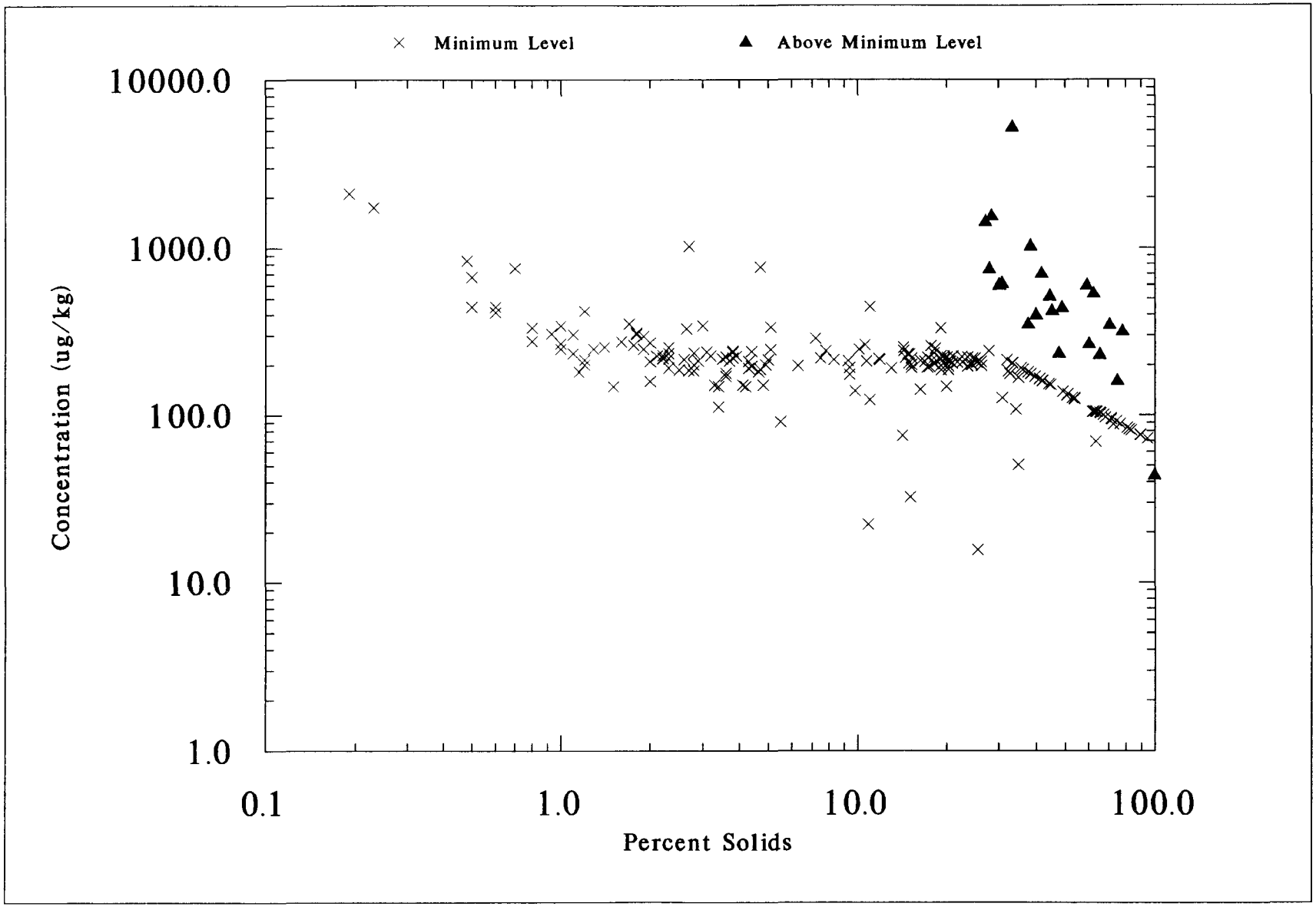

Figure 4-49. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of PCB-1248

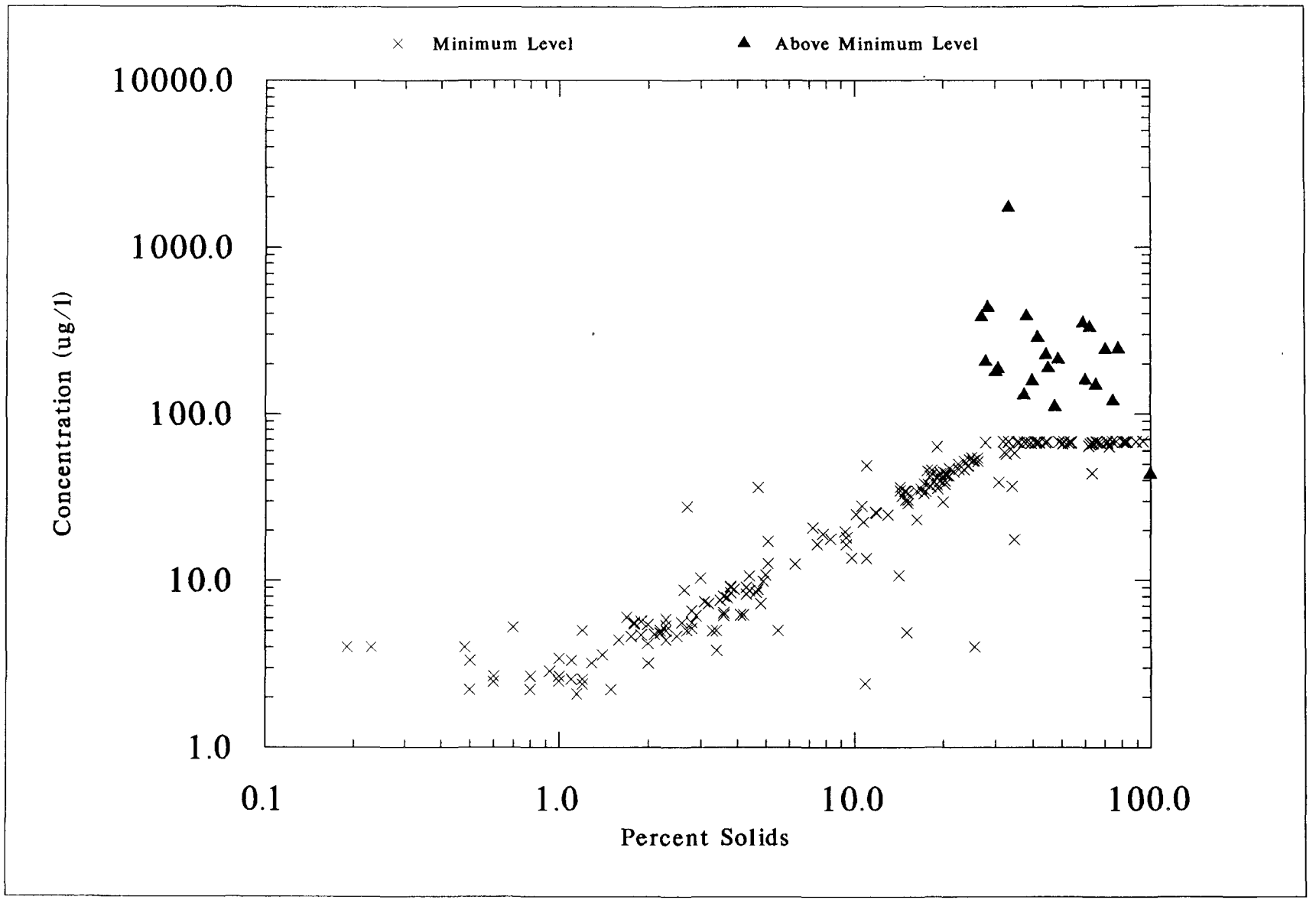

Figure 4-50. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of PCB-1248

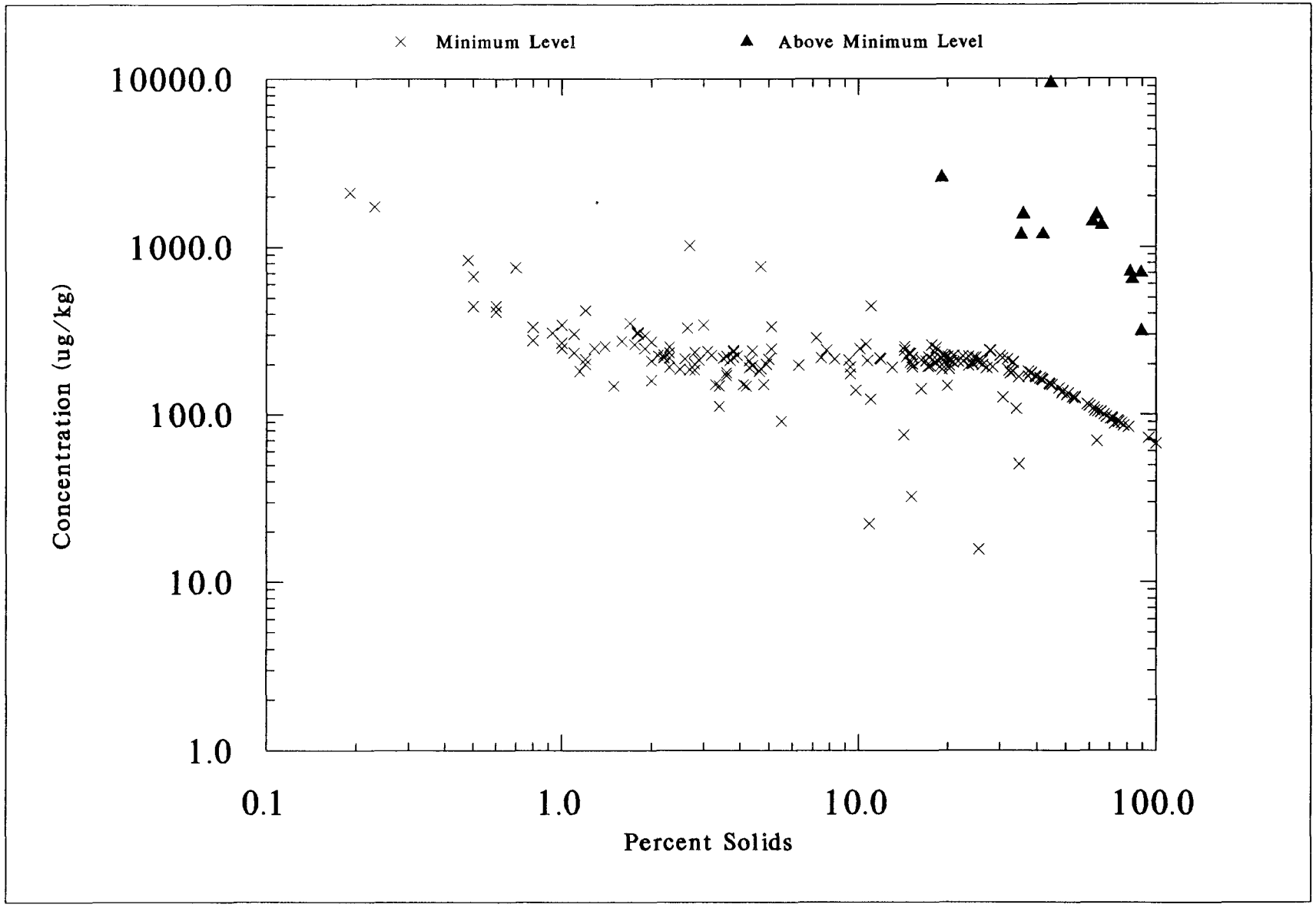

Figure 4-51. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of PCB-1254

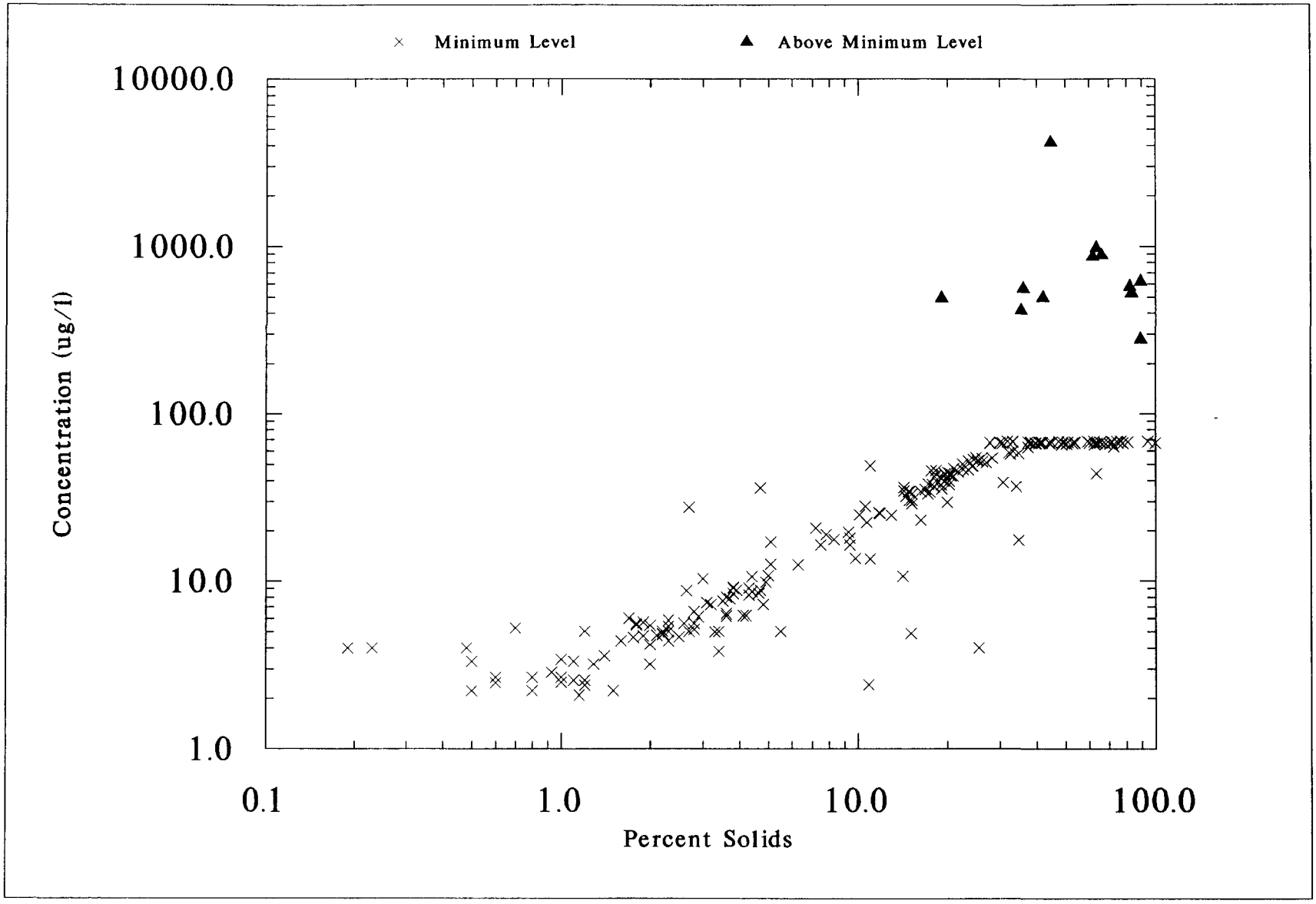

Figure 4-52. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of PCB-1254

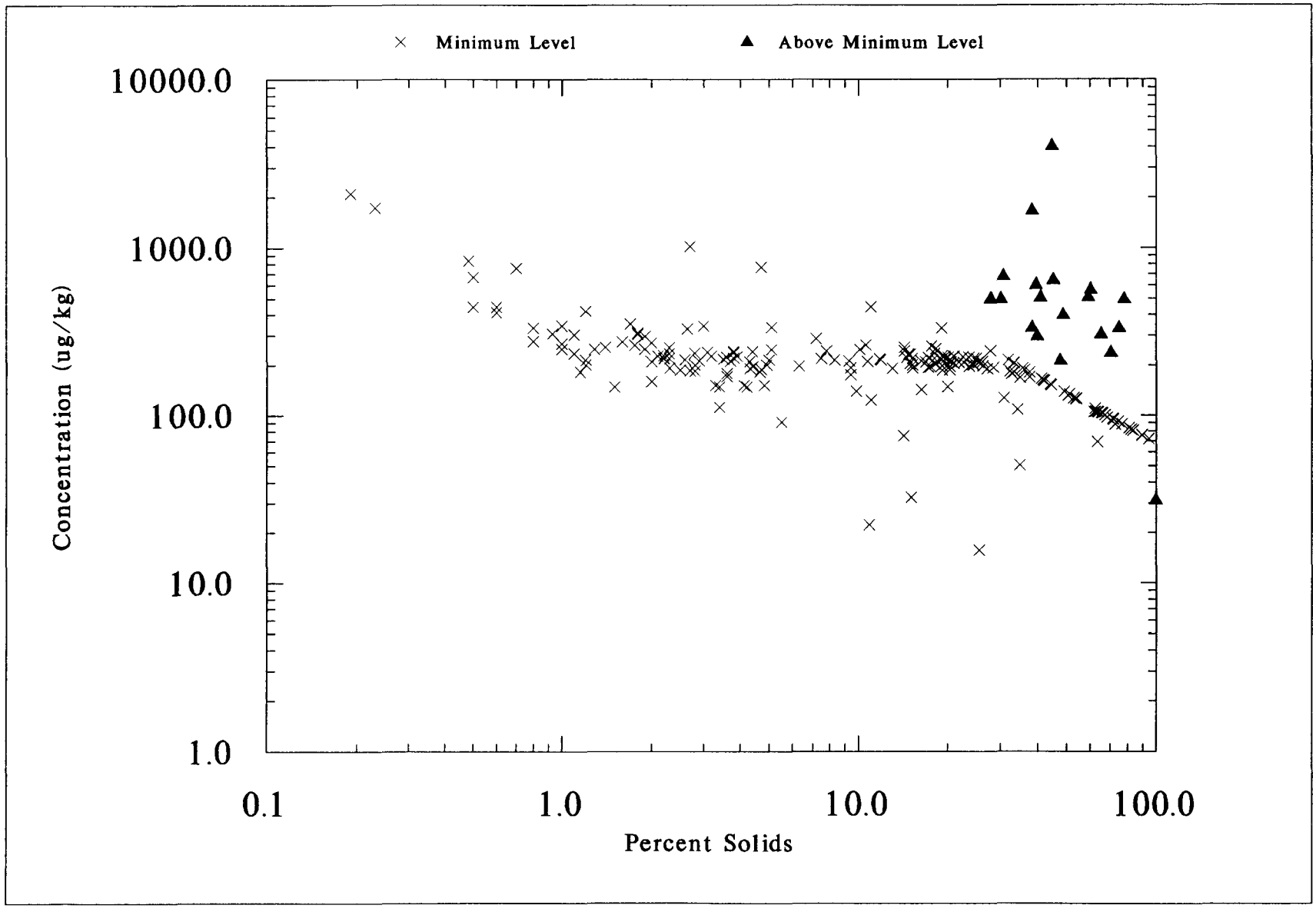

Figure 4-53. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of PCB-1260

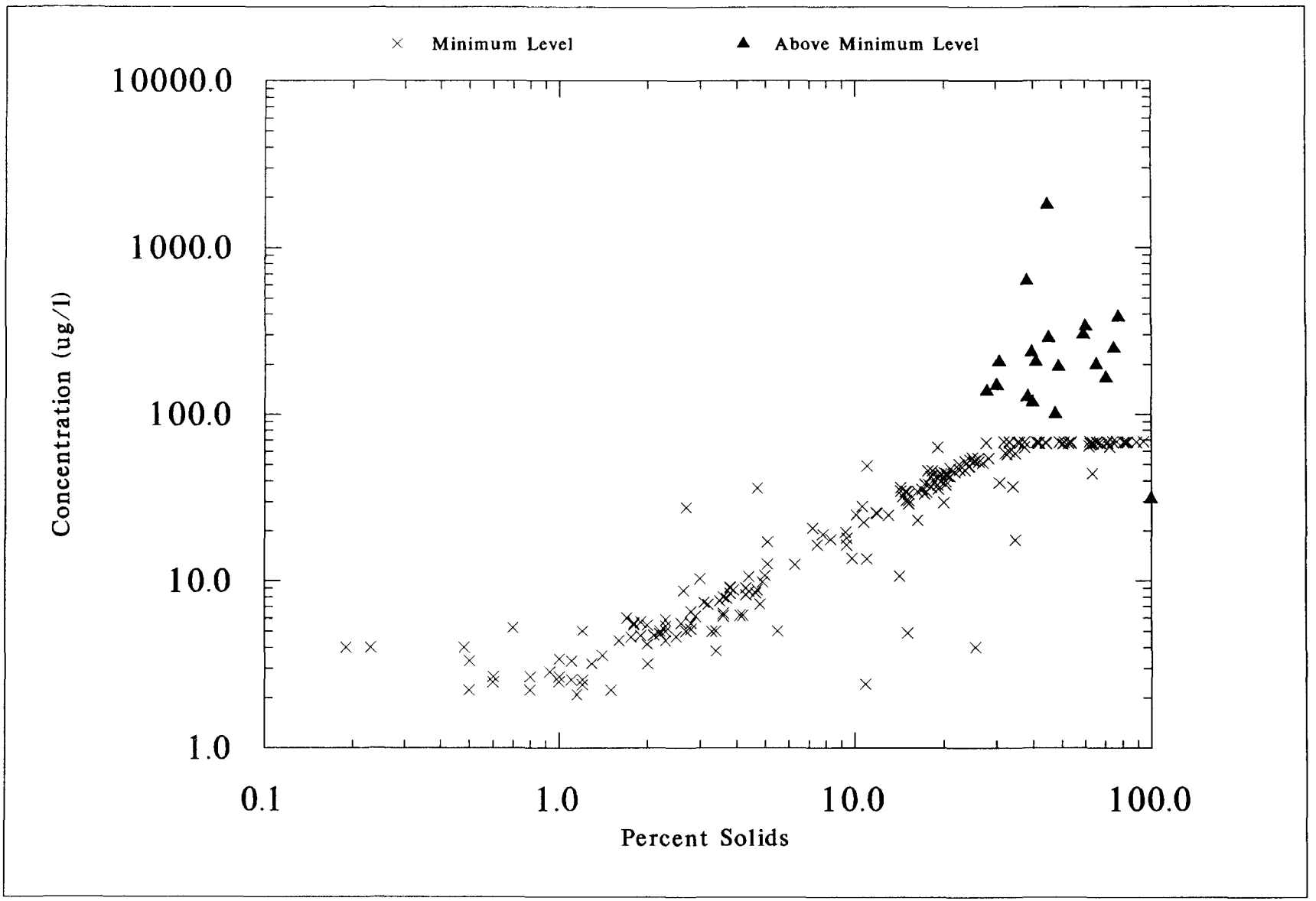

Figure 4-54. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of PCB-1260

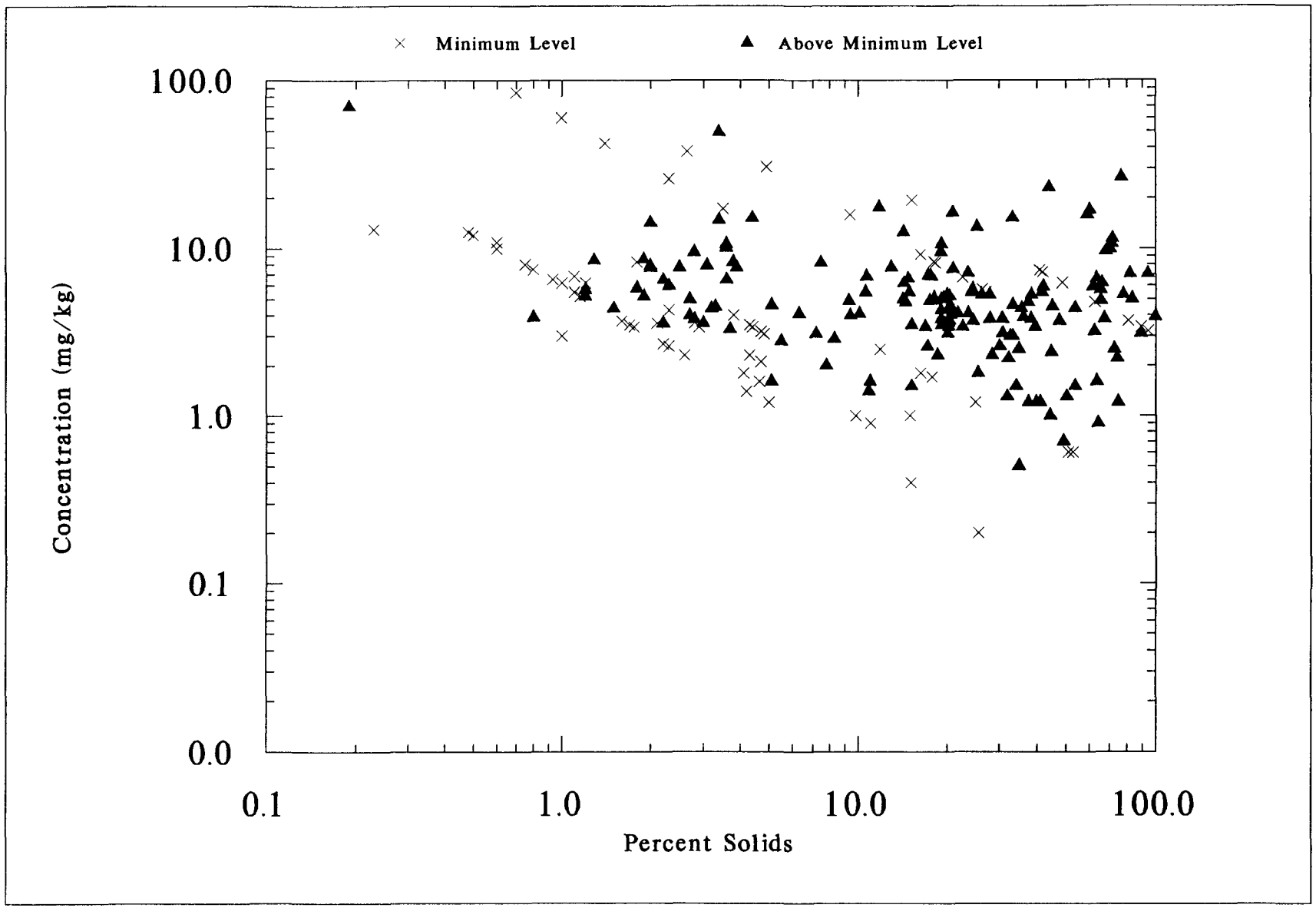

Figure 4-55. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of SELENIUM

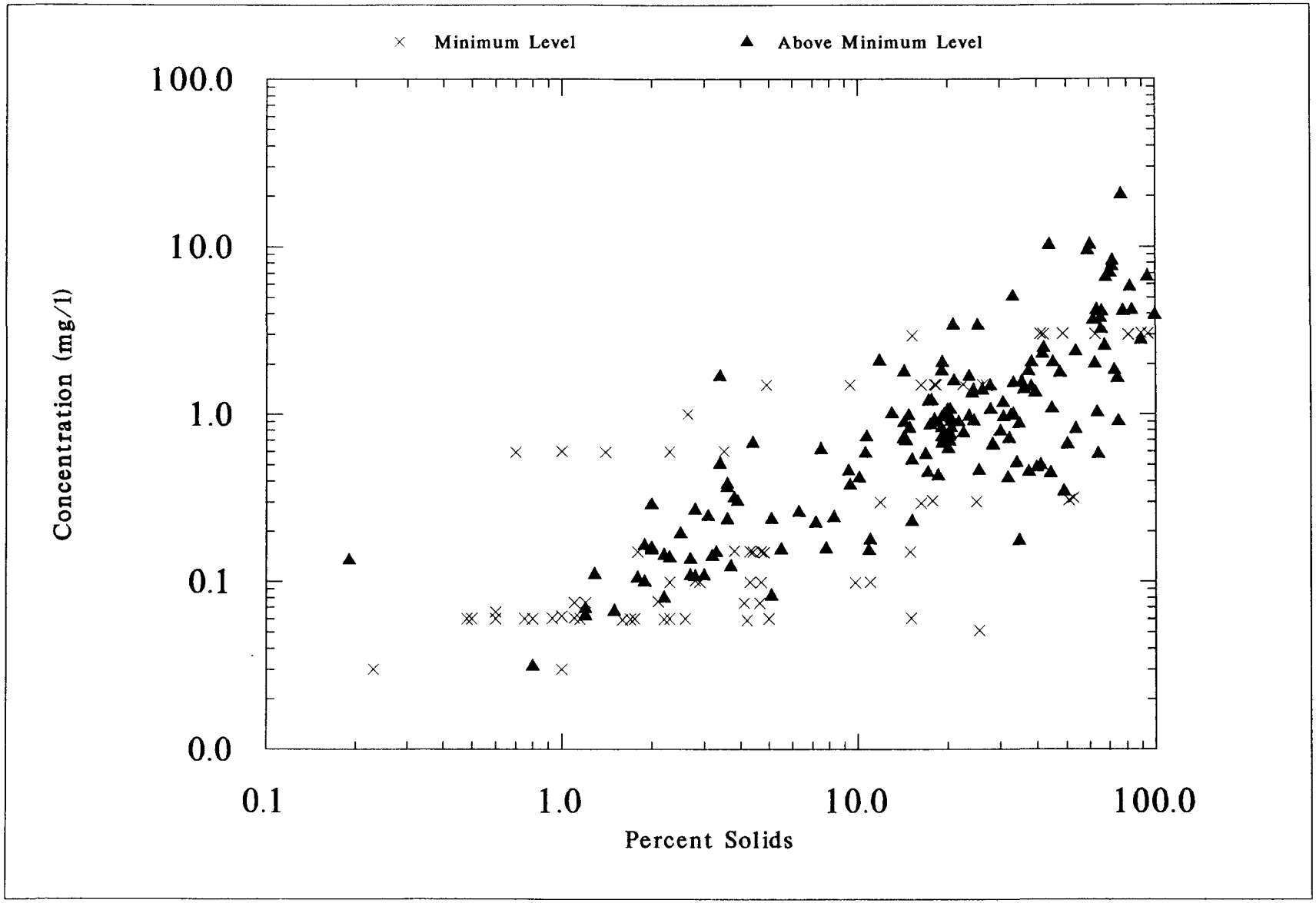

Figure 4-56. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of SELENIUM

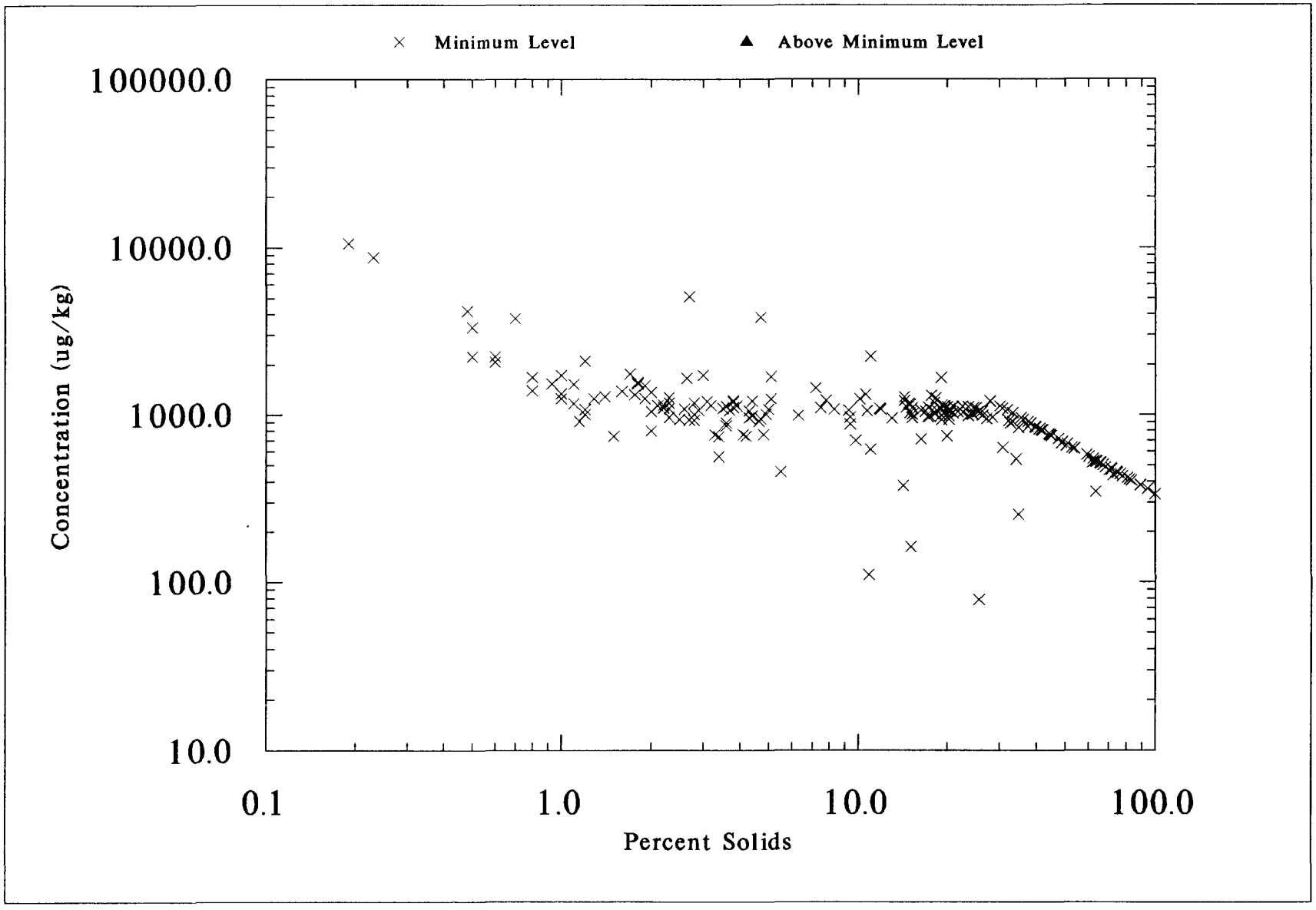

Figure 4-57. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of TOXAPHENE

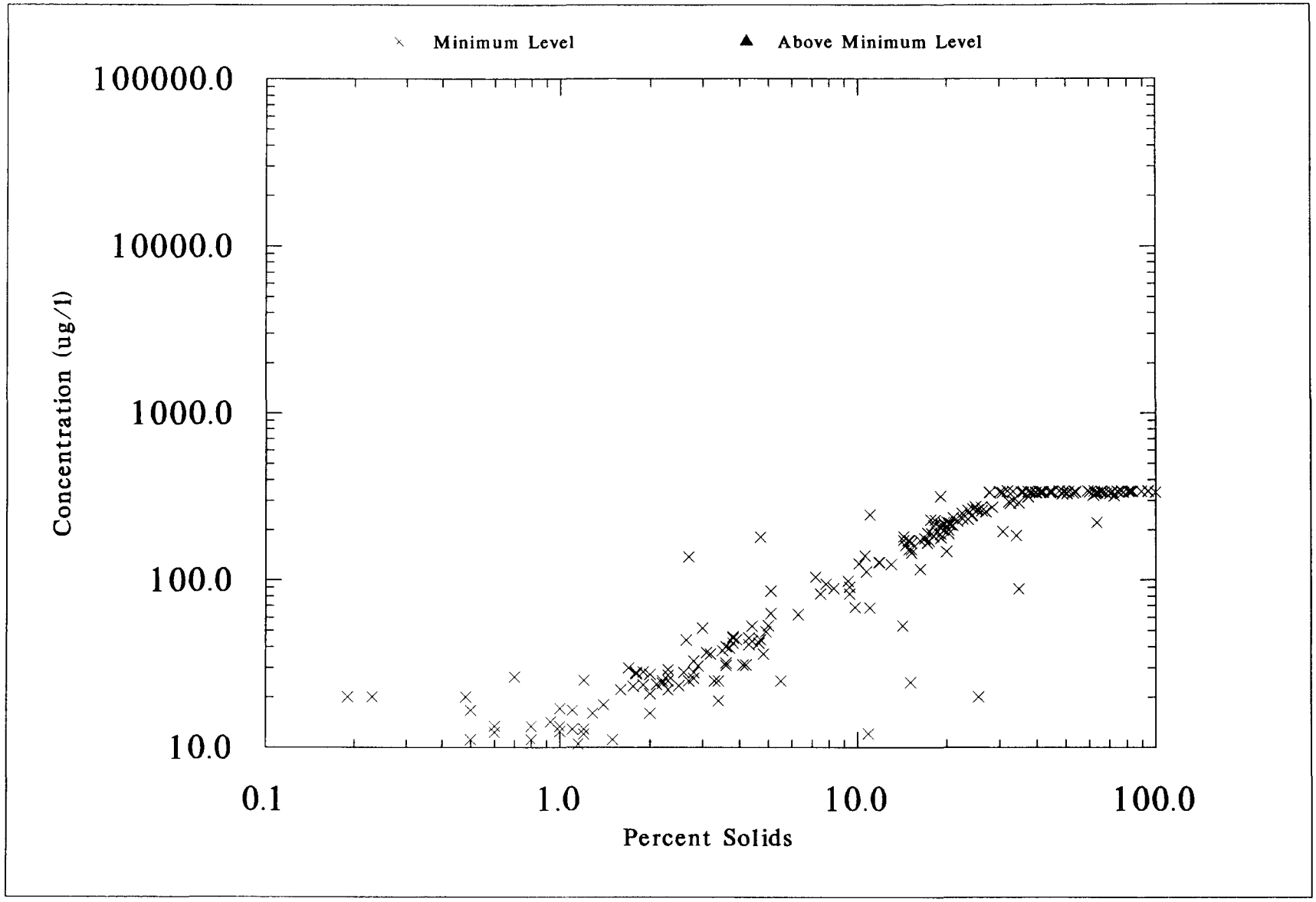

Figure 4-58. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of TOXAPHENE

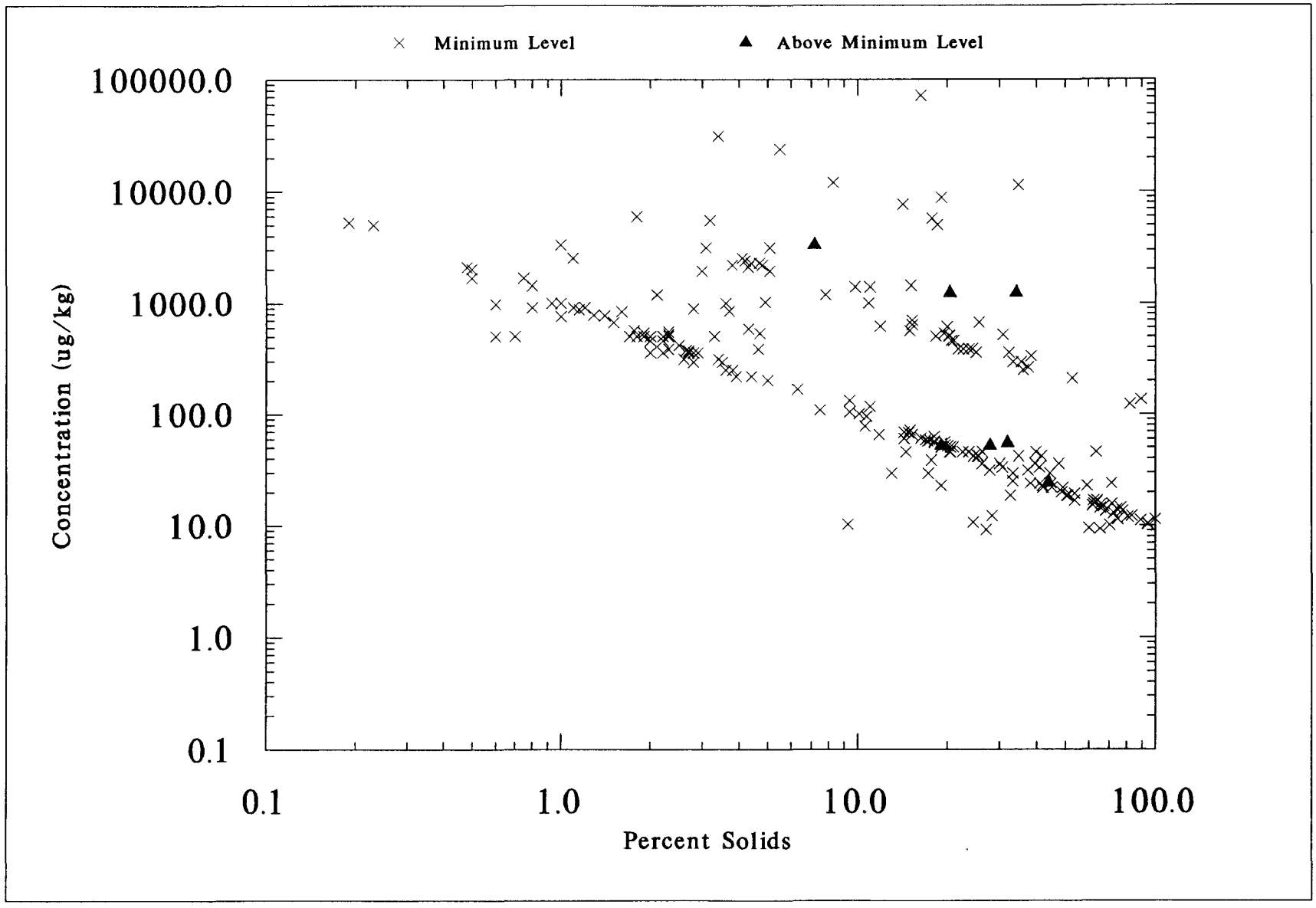

Figure 4-59. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of TRICHLOROETHENE

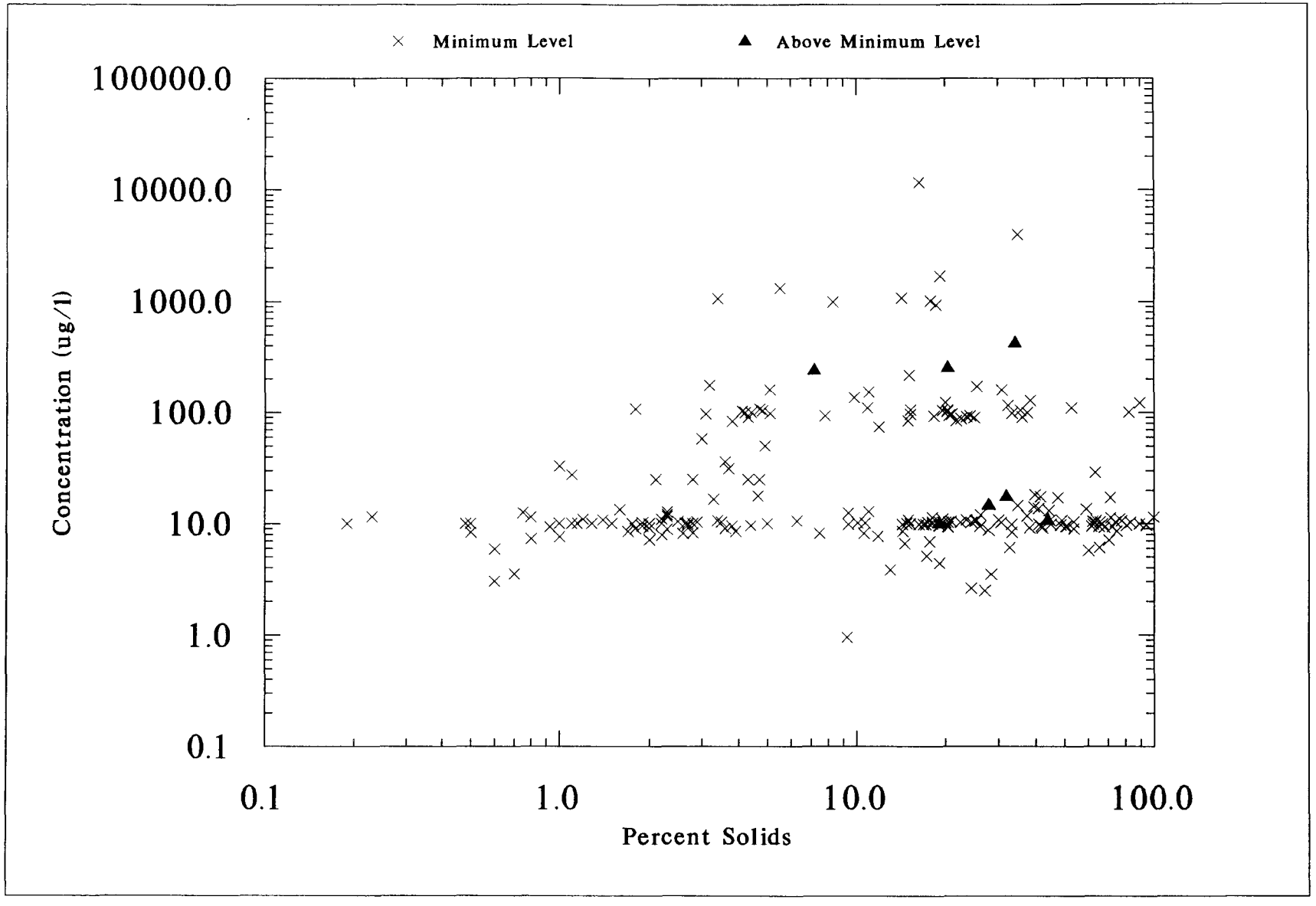

Figure 4-60. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of TRICHLOROETHENE

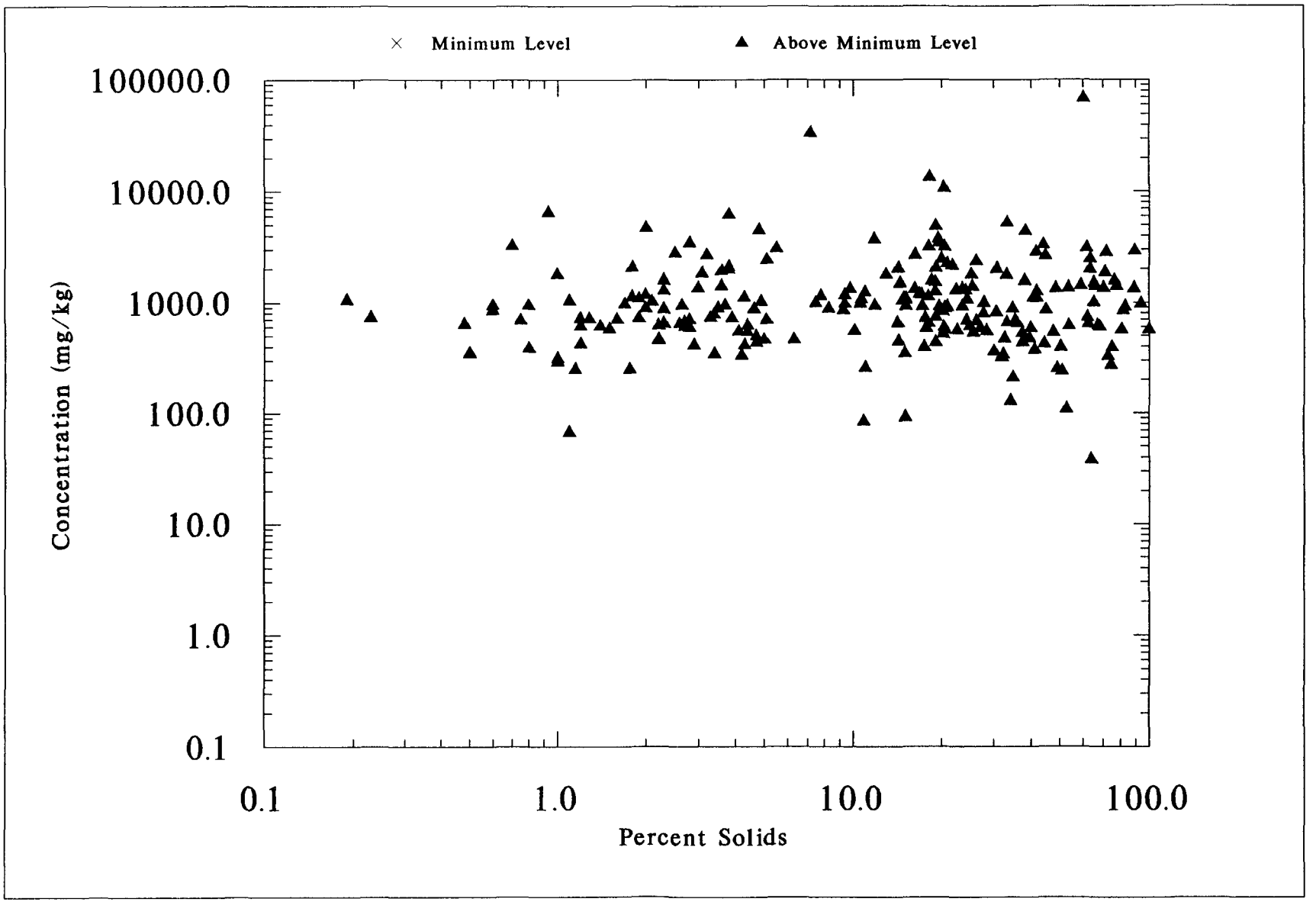

Figure 4-61. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of ZINC

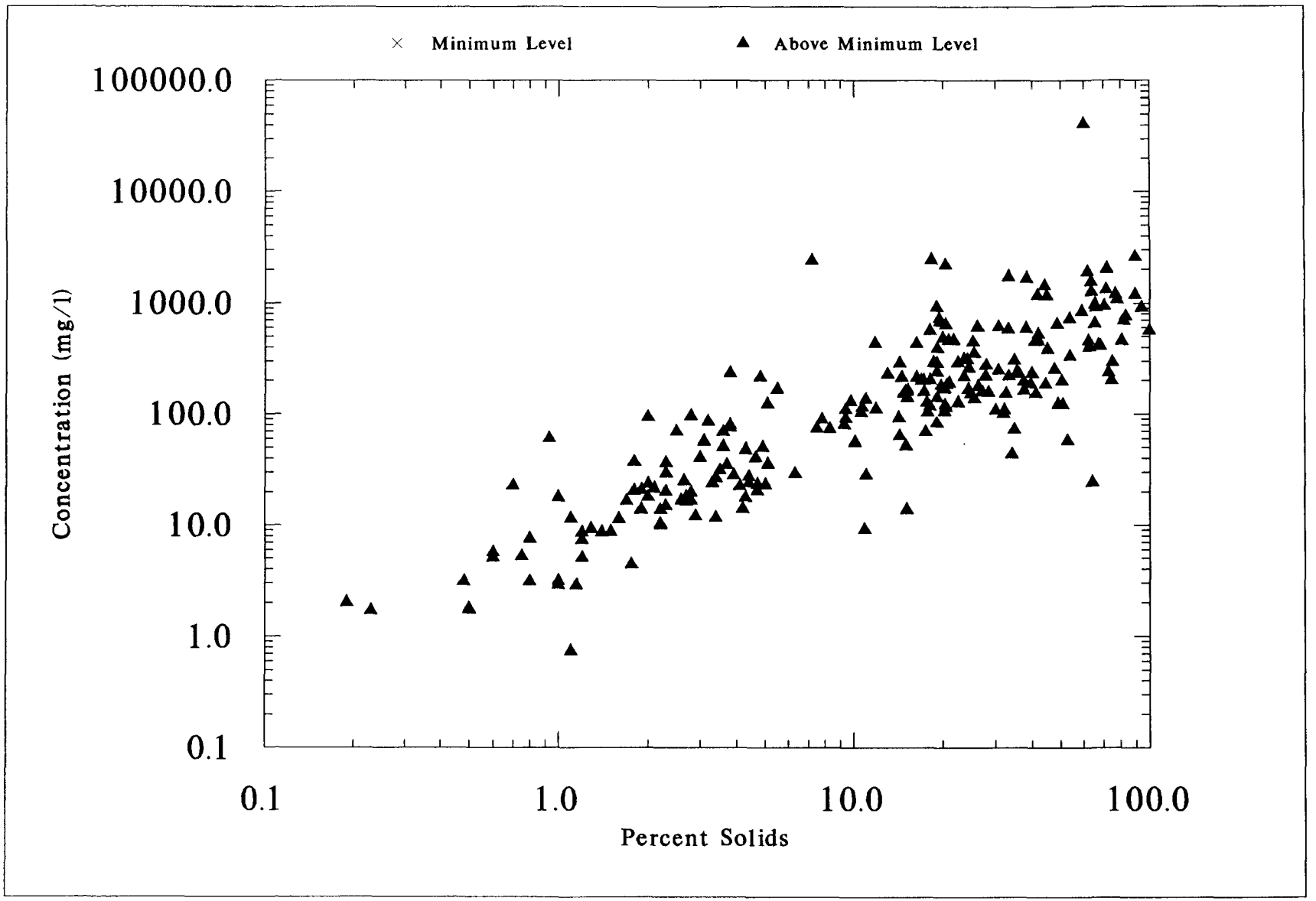

Figure 4-62. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of ZINC

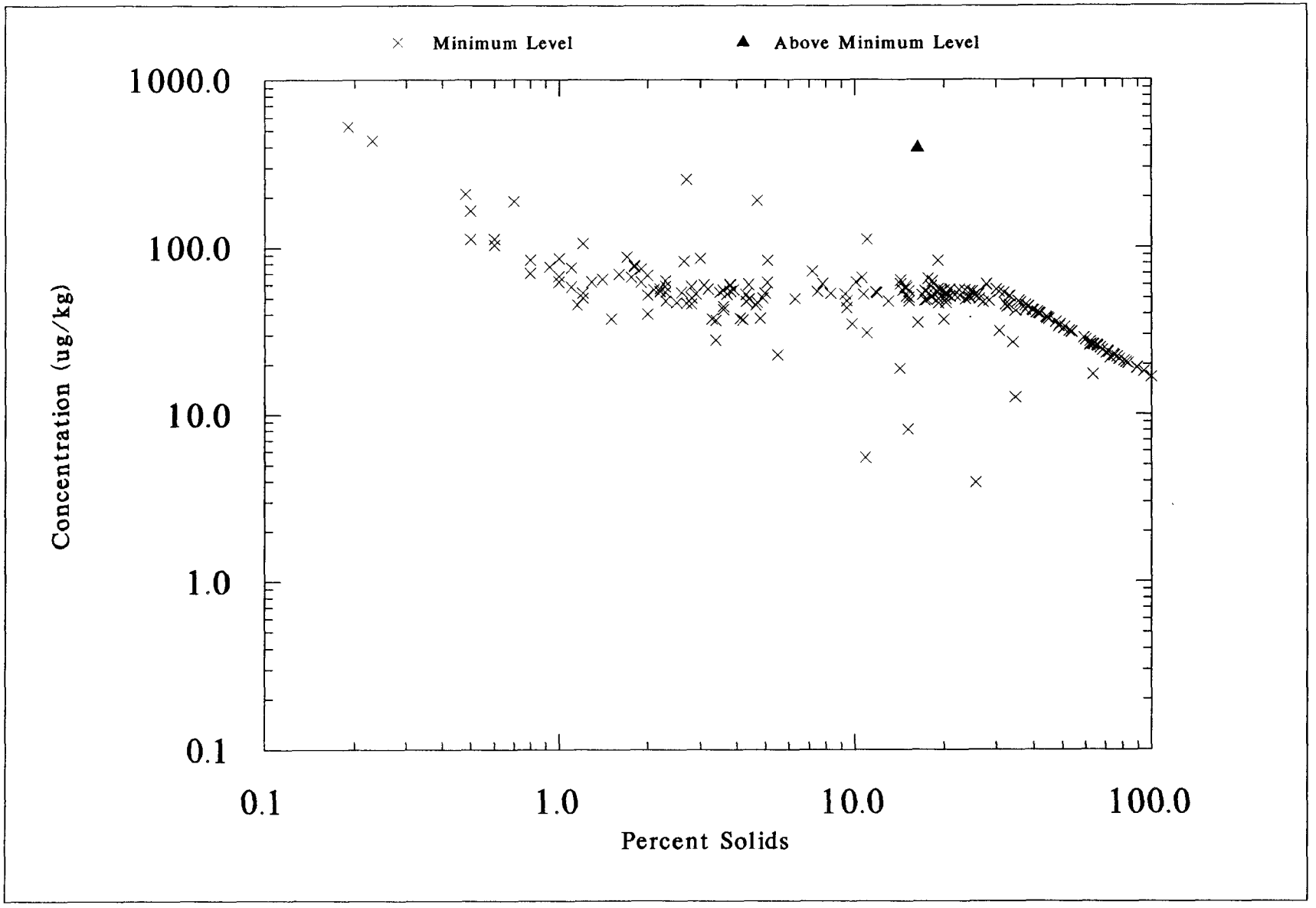

Figure 4-63. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of 4,4'-DDD

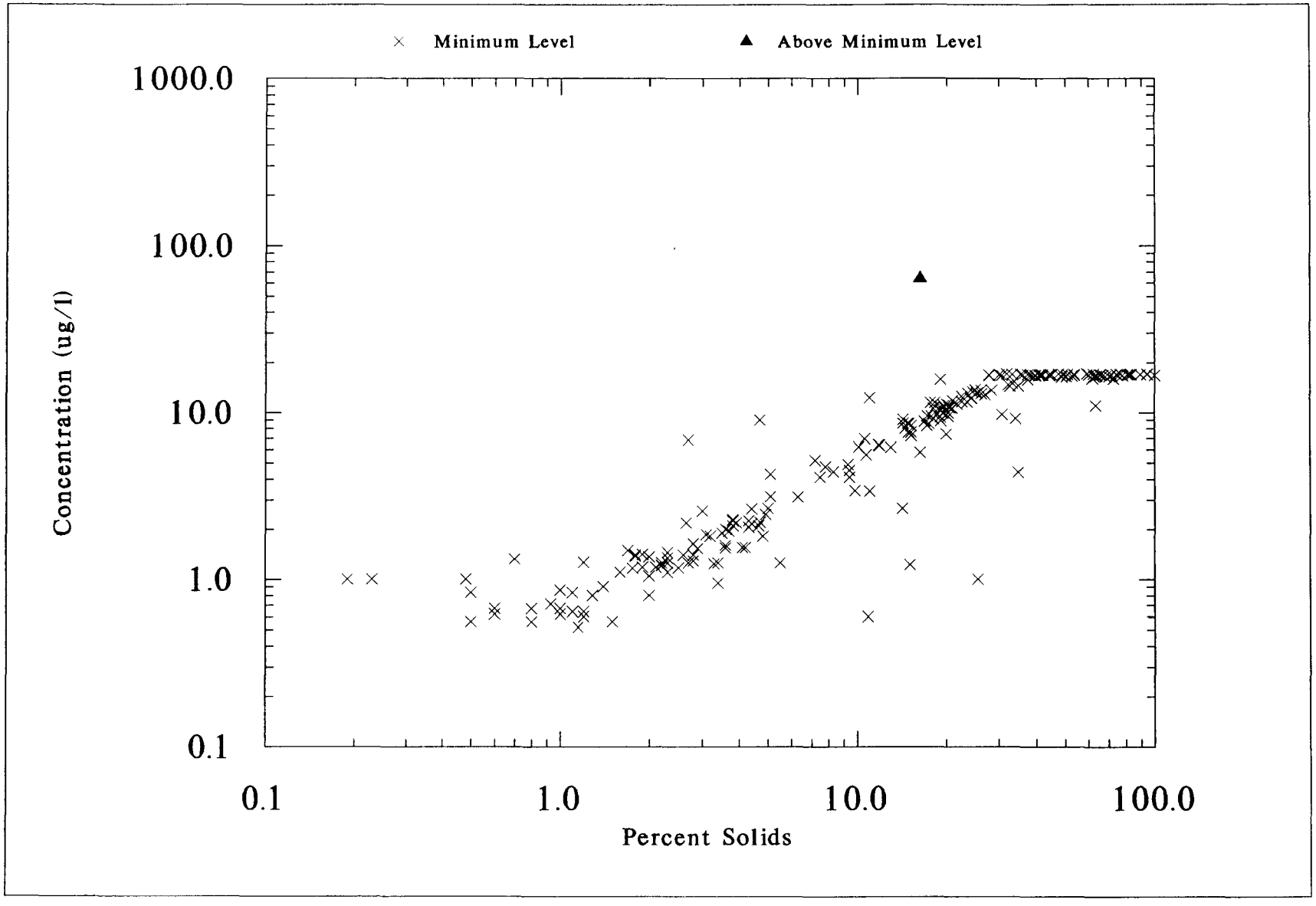

Figure 4-64. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of 4,4'-DDD

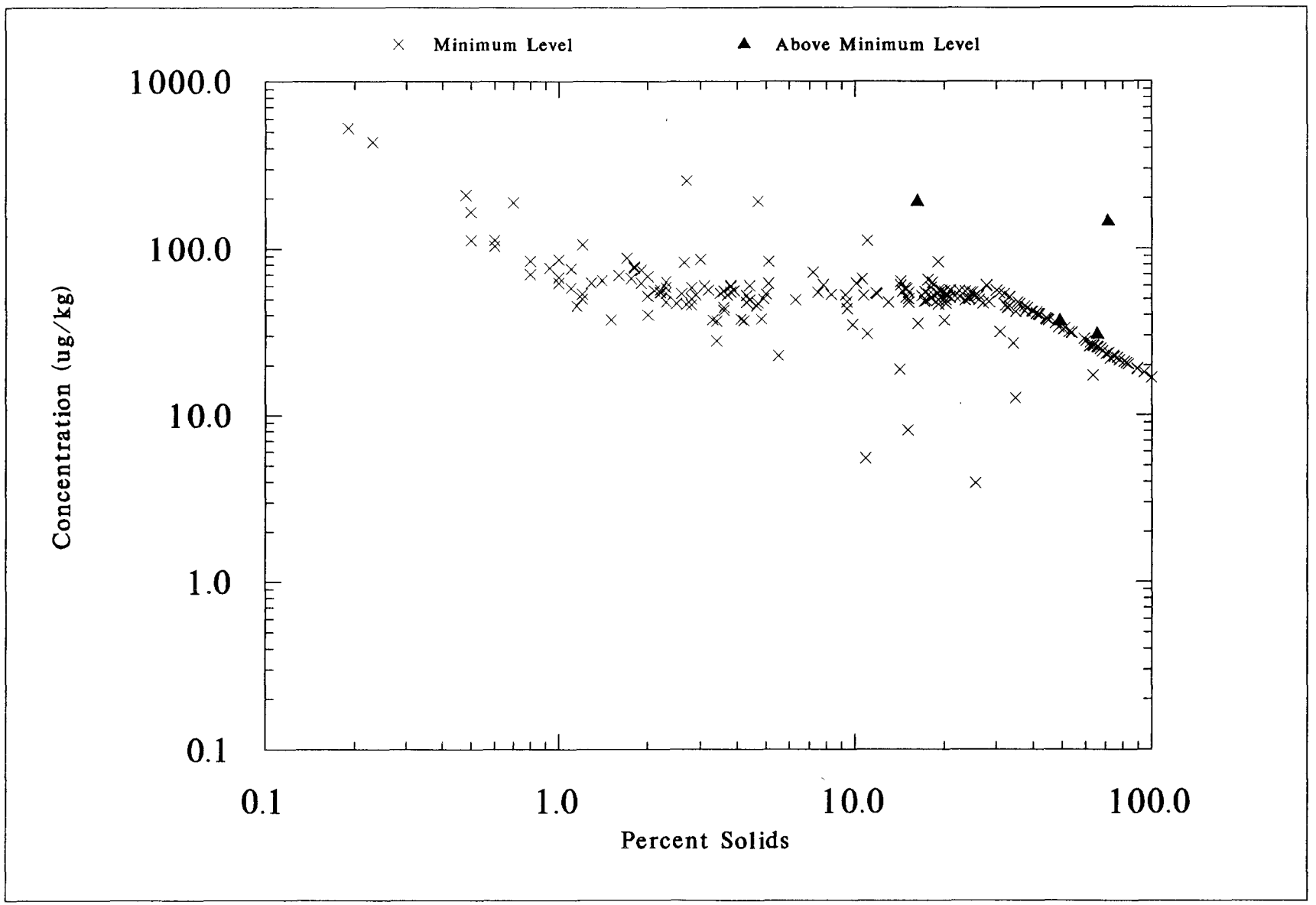

Figure 4-65. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of 4,4'-DDE

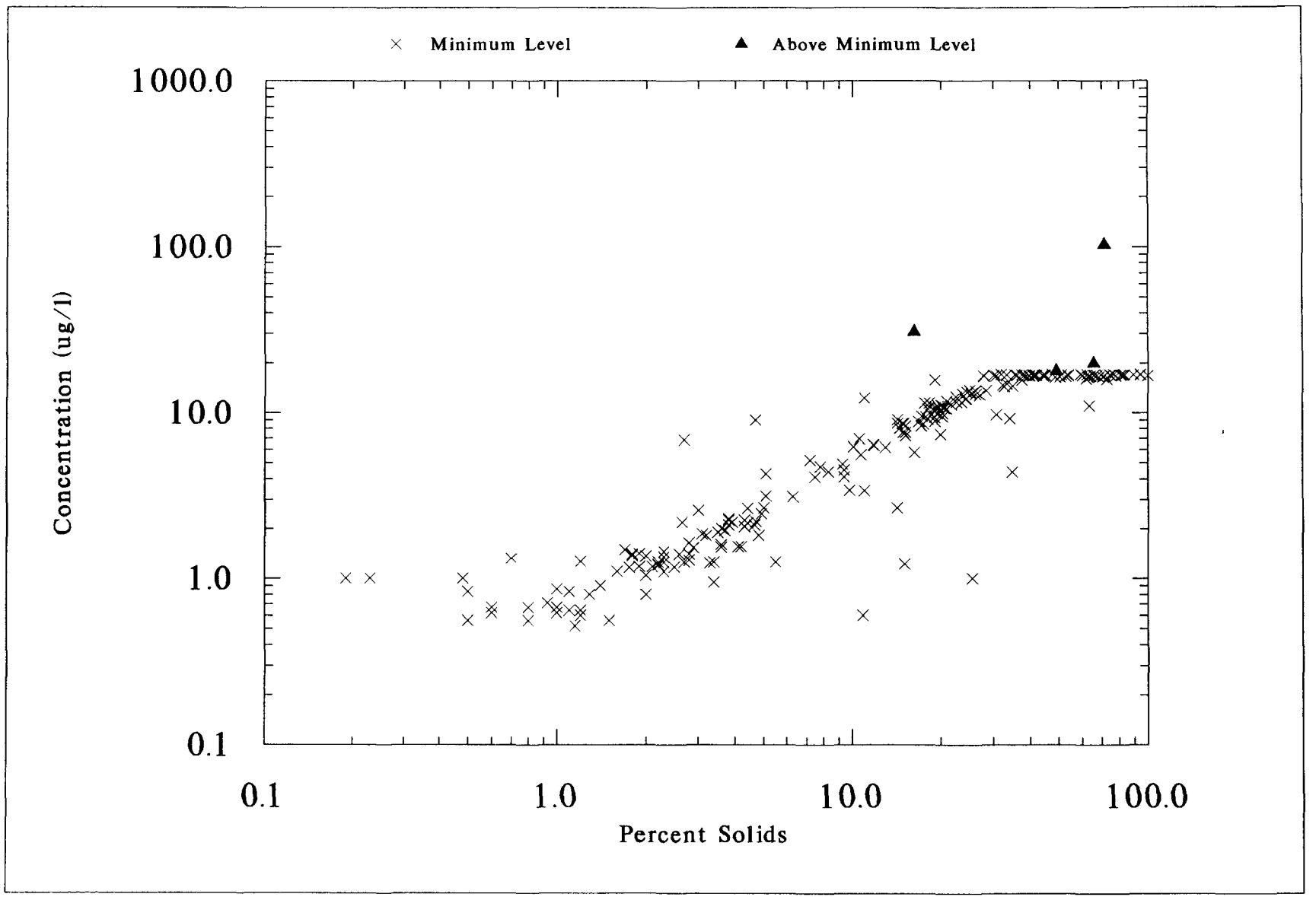

Figure 4-66. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of 4,4'-DDE

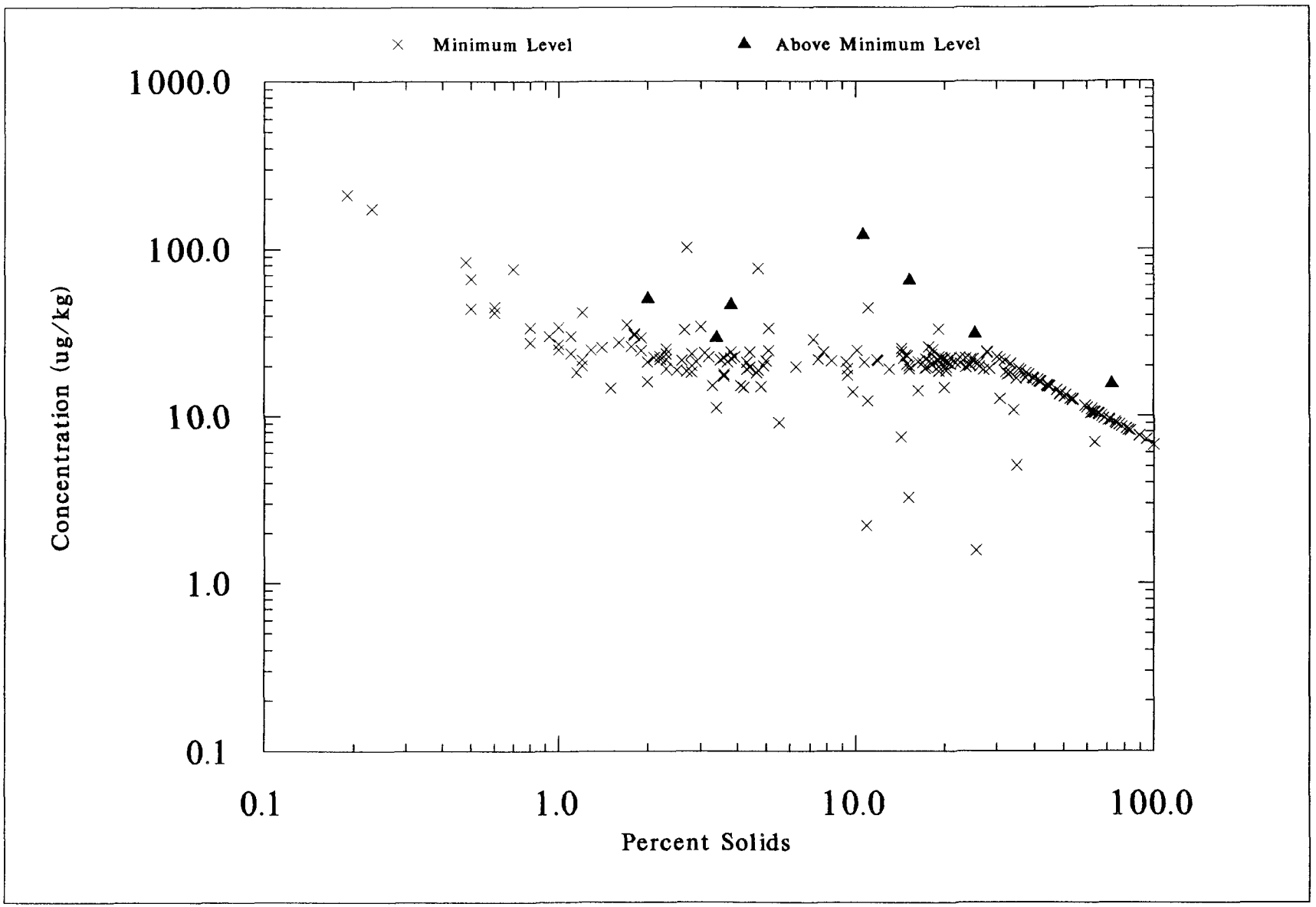

Figure 4-67. Percent Solids of NSSS Samples Versus DRY WEIGHT Concentrations of 4,4'-DDT

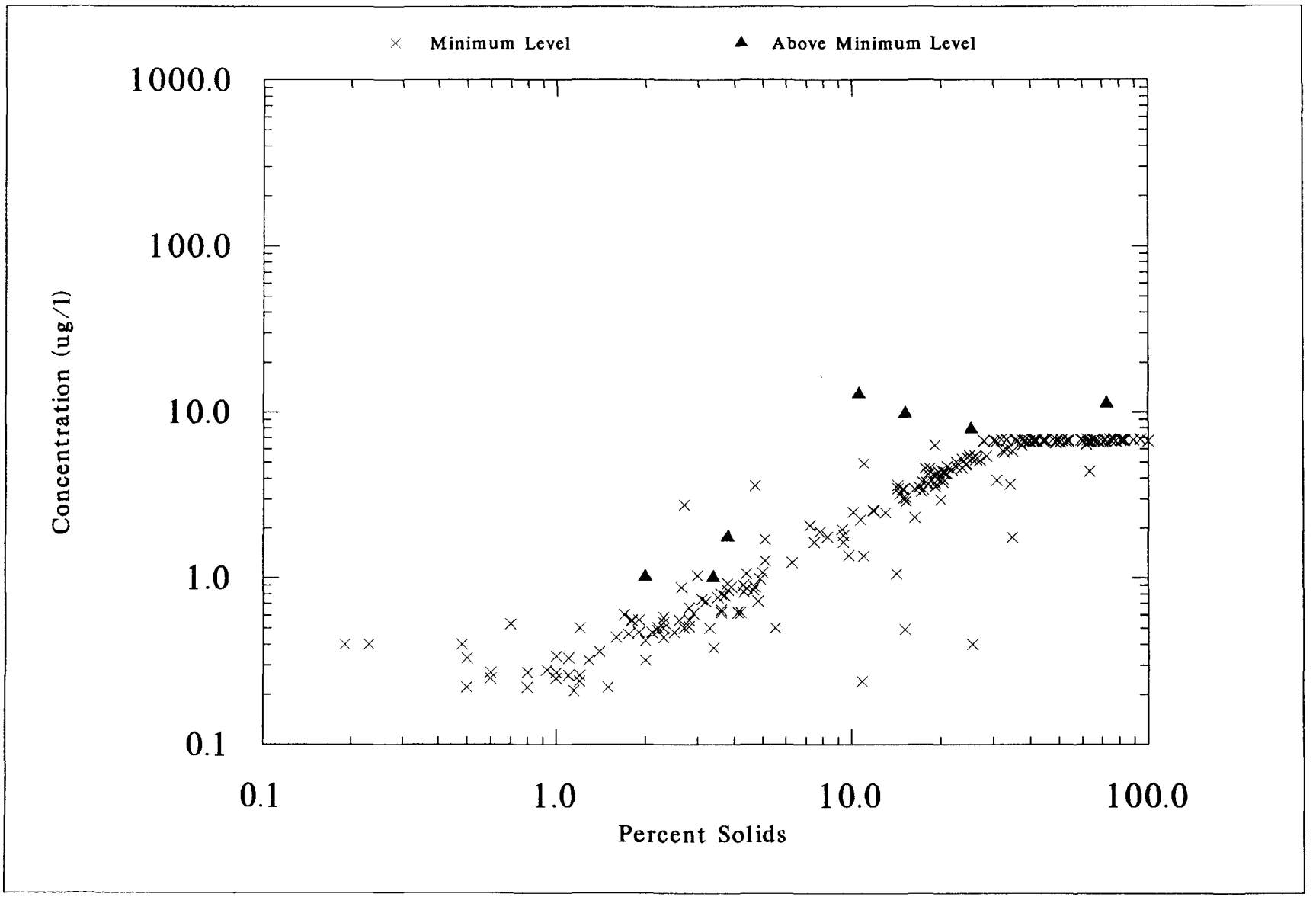

Figure 4-68. Percent Solids of NSSS Samples Versus WET WEIGHT Concentrations of 4,4'-DDT

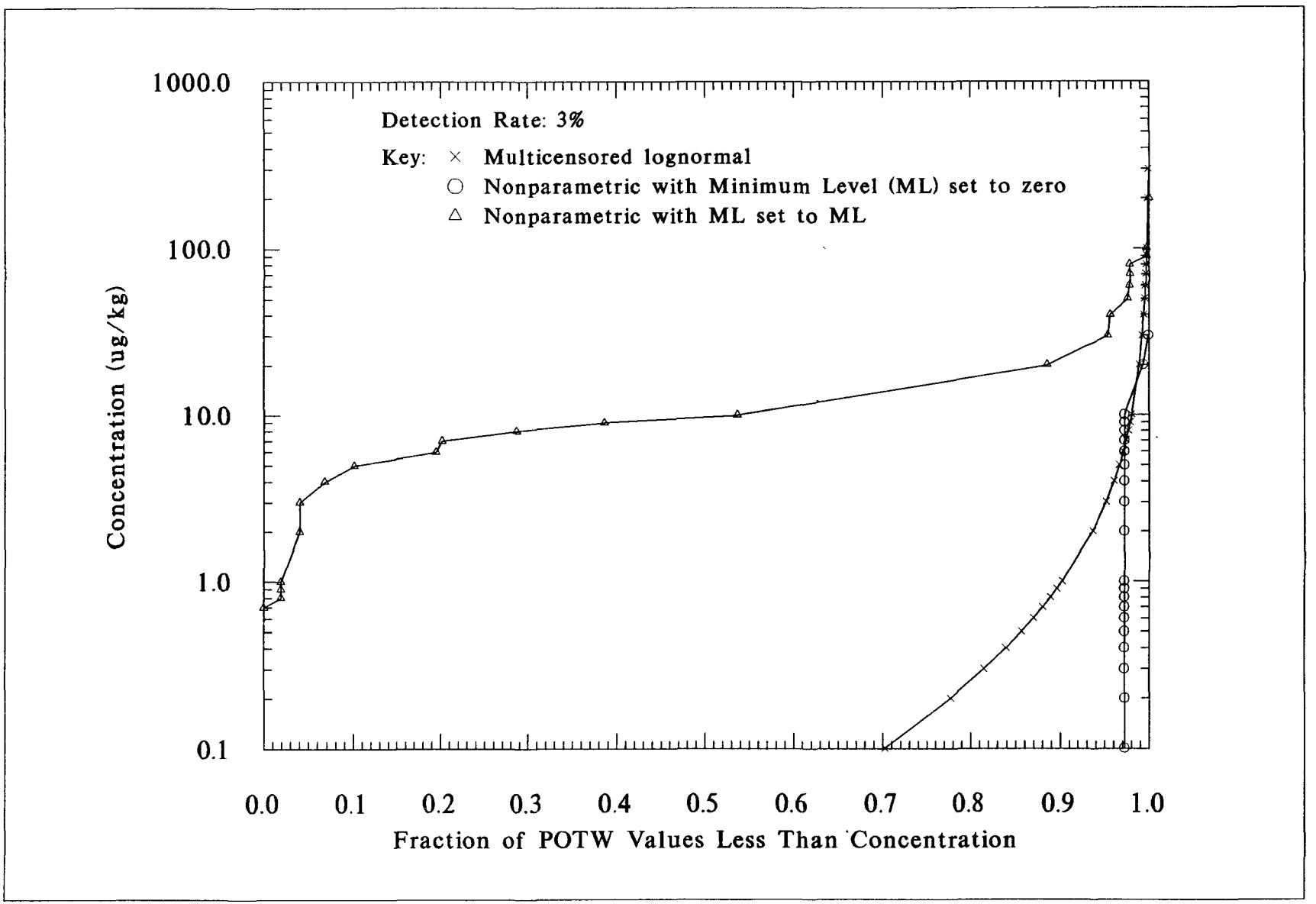

Figure 4-69. Cumulative Distribution Functions: ALDRIN

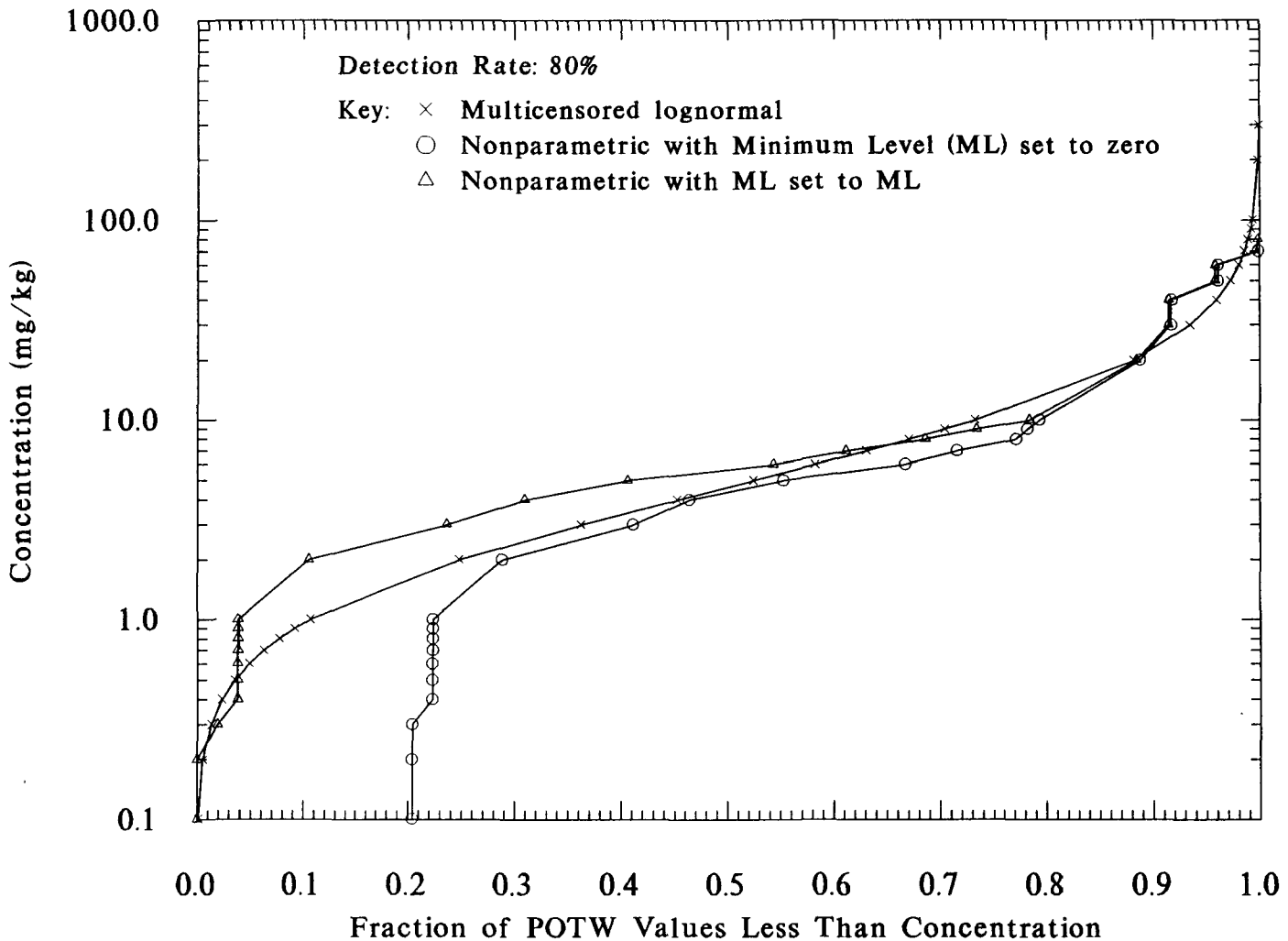

Figure 4-70. Cumulative Distribution Functions: ARSENIC

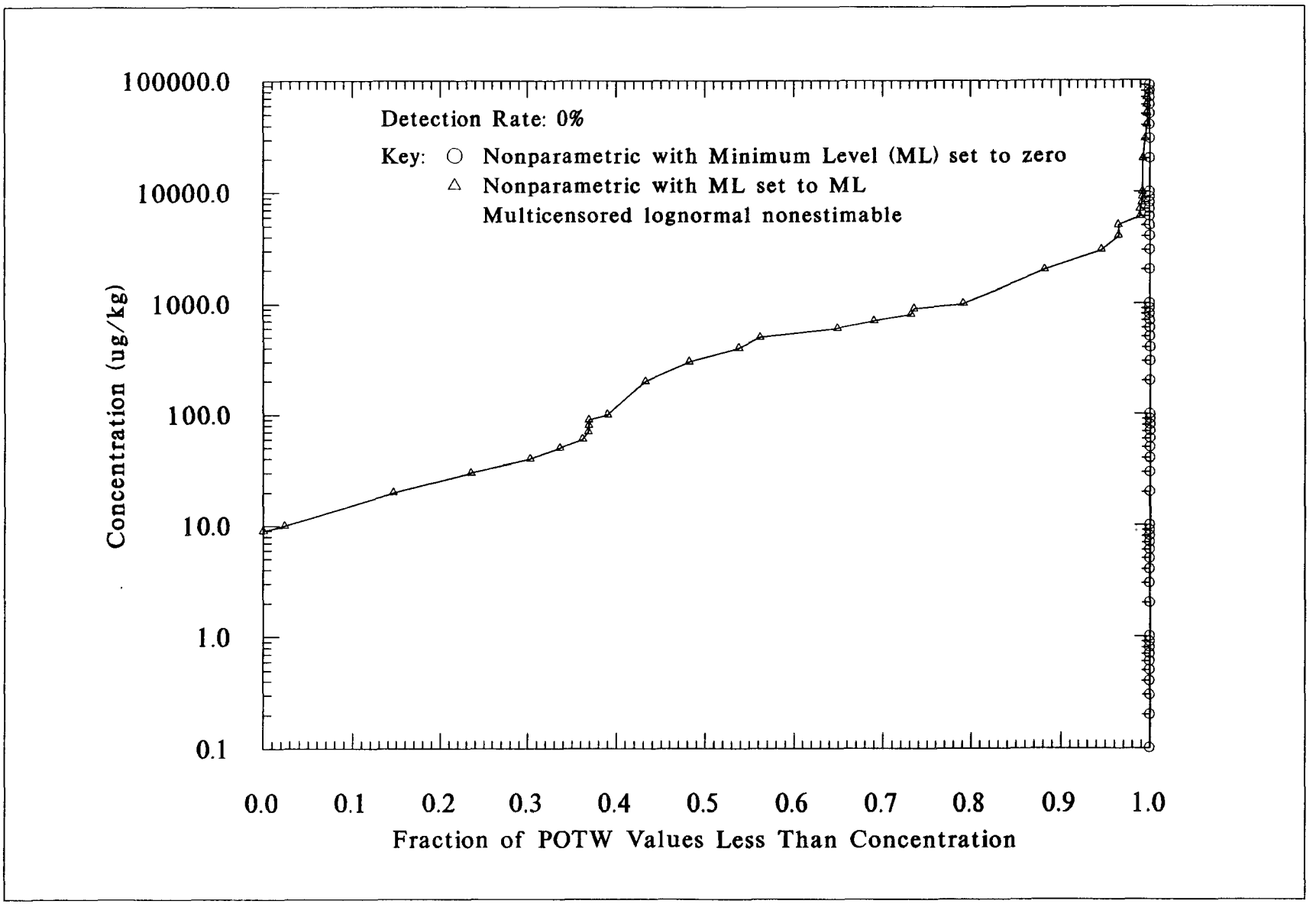

Figure 4-71. Cumulative Distribution Functions: BENZENE

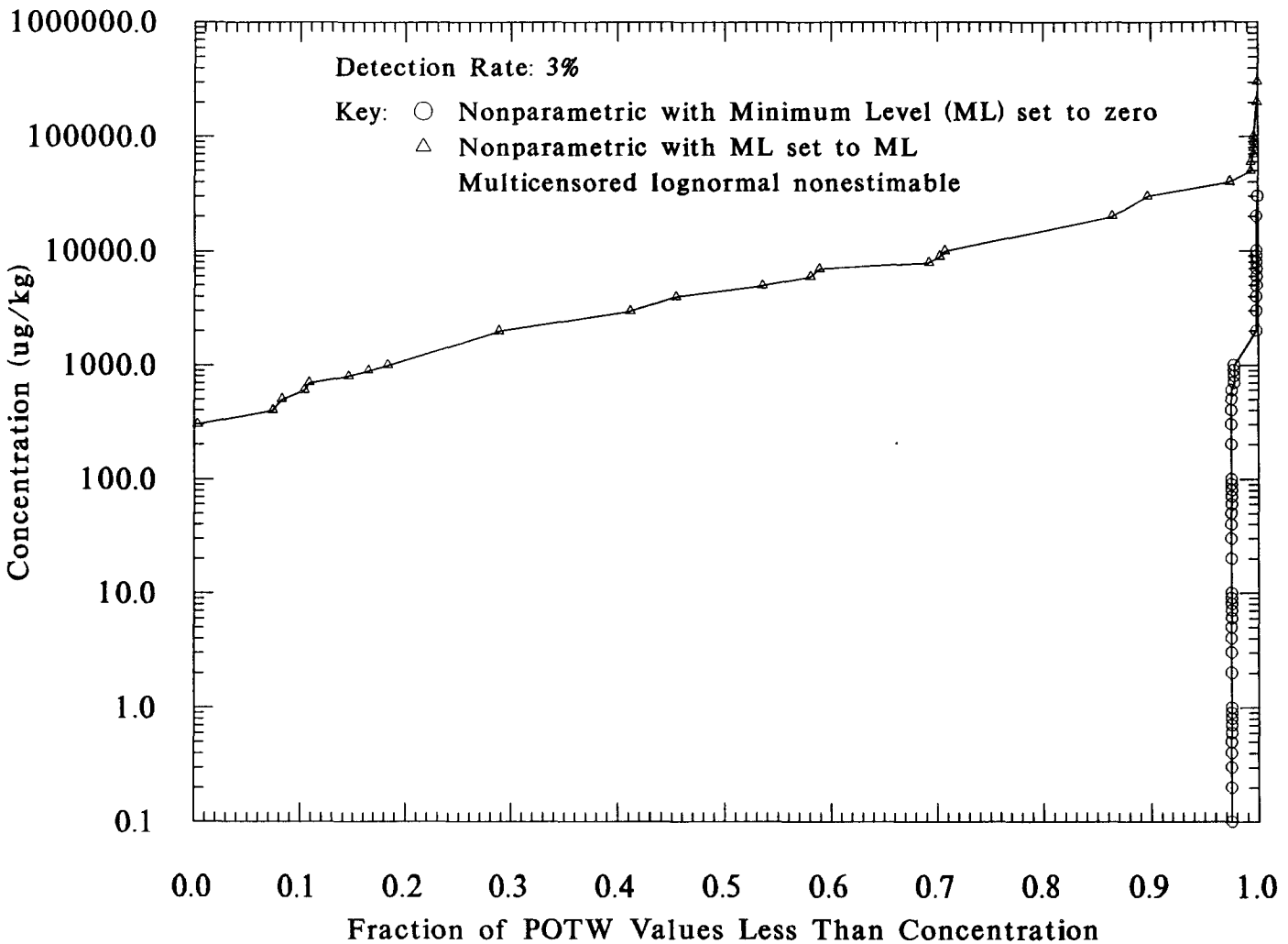

Figure 4-72. Cumulative Distribution Functions: BENZO(A)PYRENE

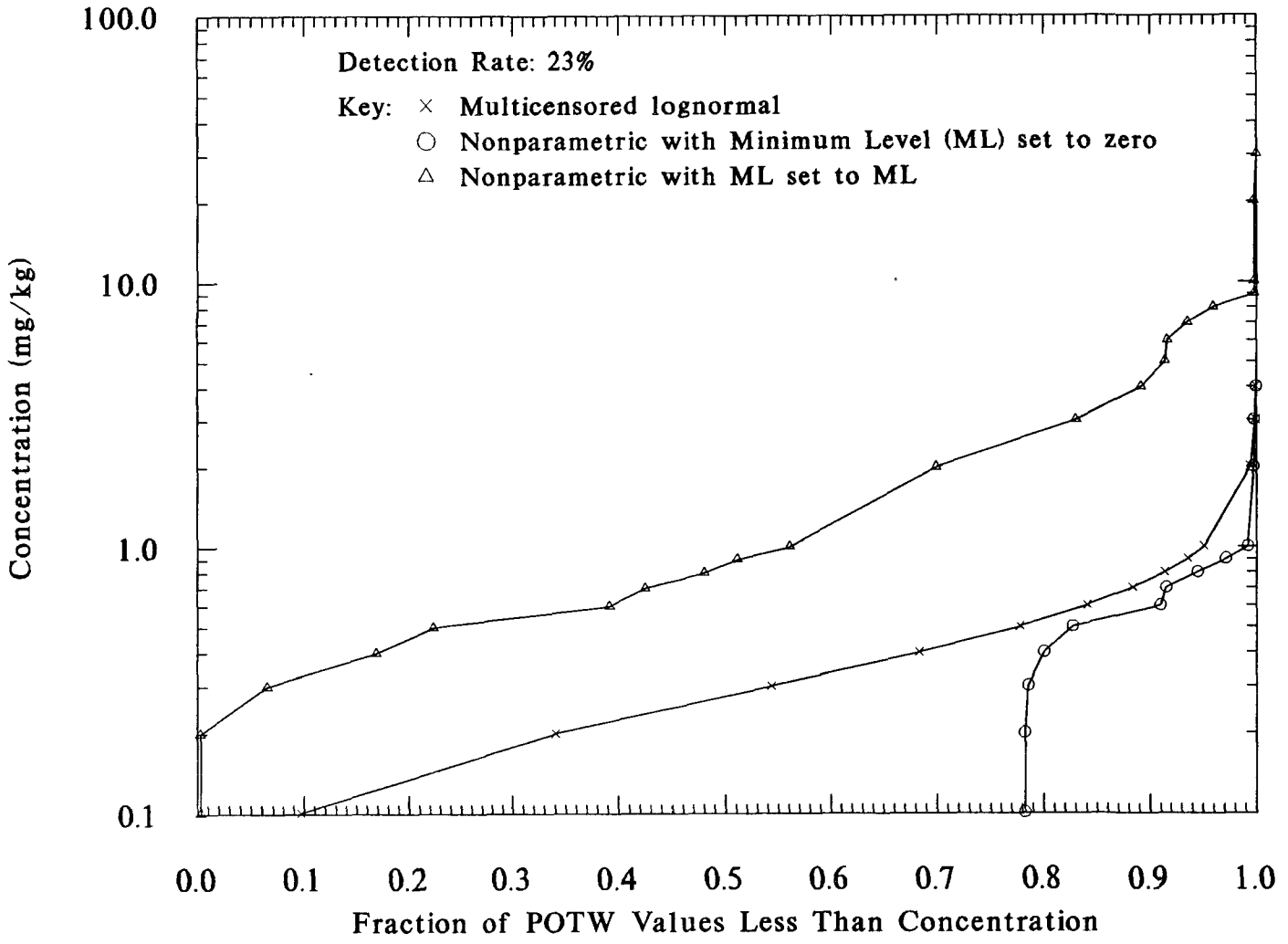

Figure 4-73. Cumulative Distribution Functions: BERYLLIUM

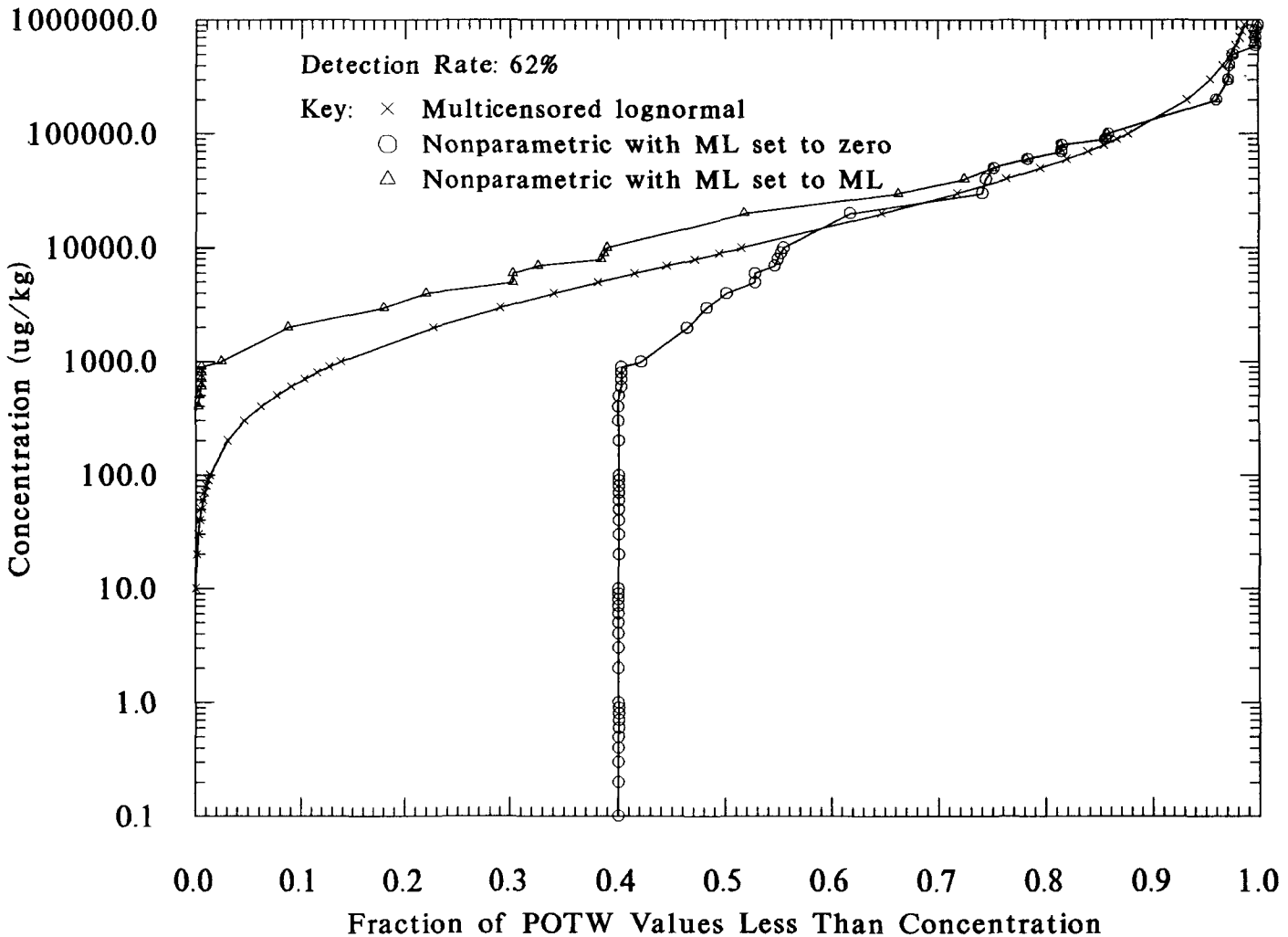

Figure 4-74. Cumulative Distribution Functions: BIS(2-ETHYLHEXYL) PHTHALATE

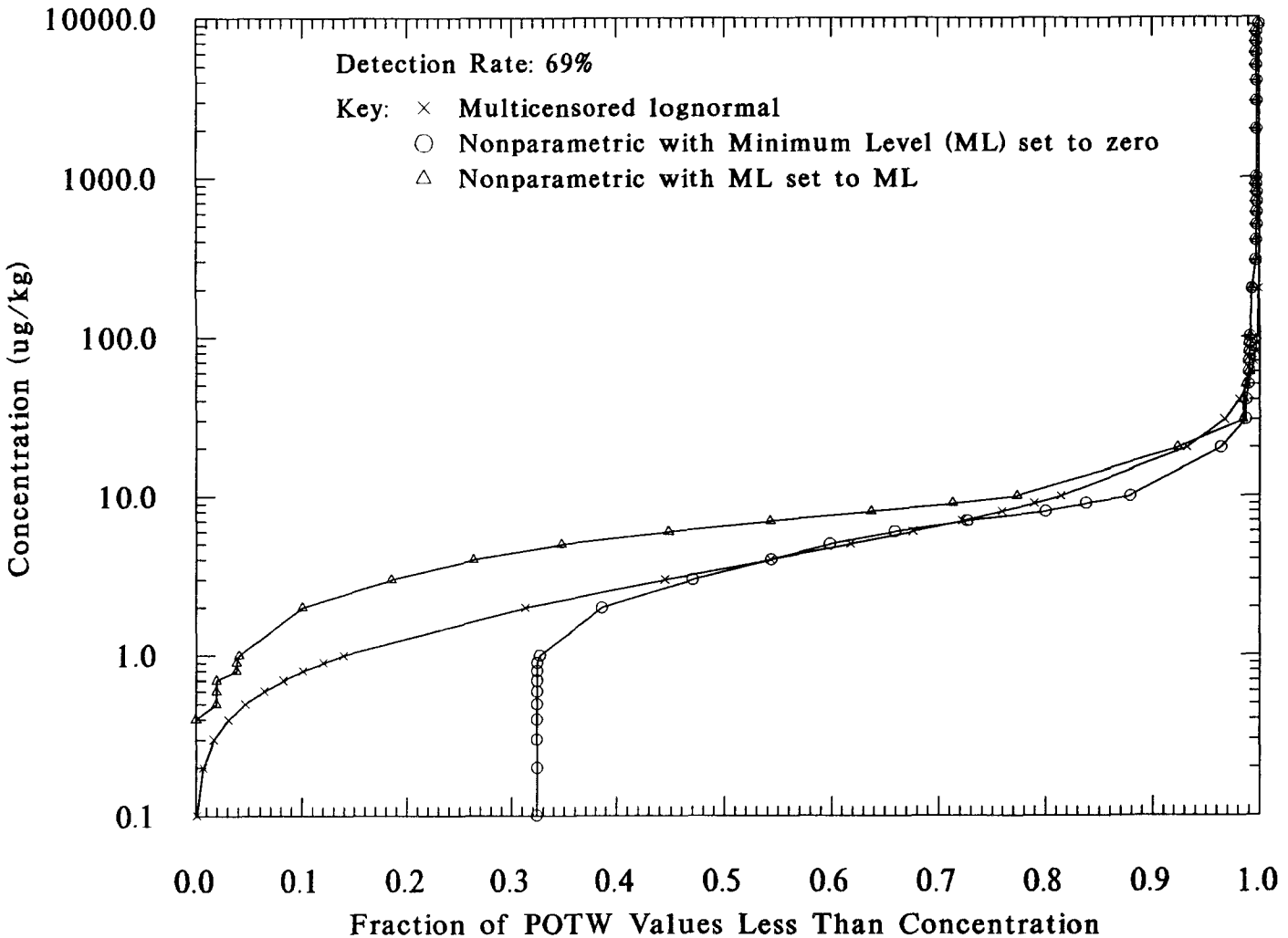

Figure 4-75. Cumulative Distribution Functions: CADMIUM

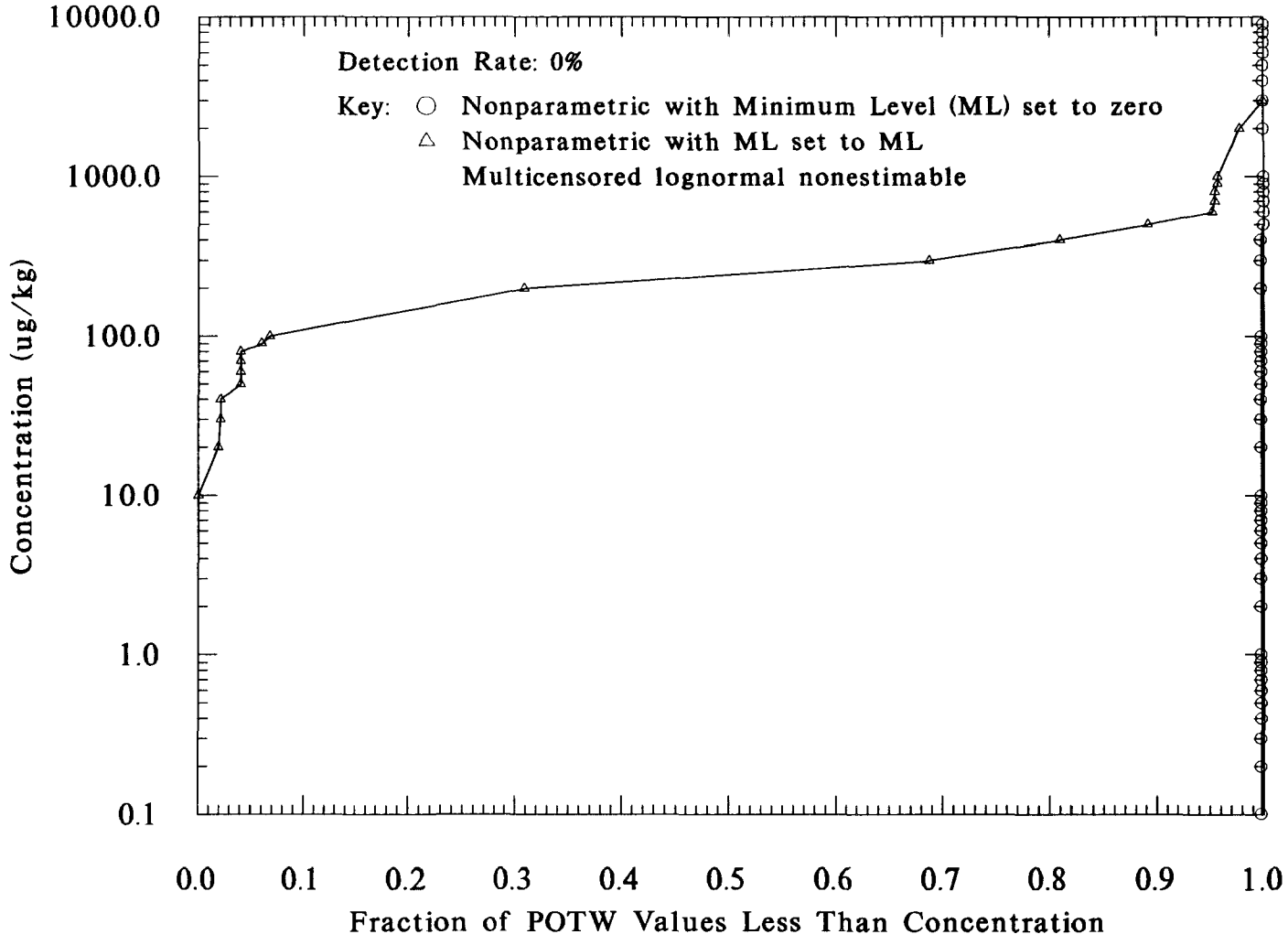

Figure 4-76. Cumulative Distribution Functions: CHLORDANE

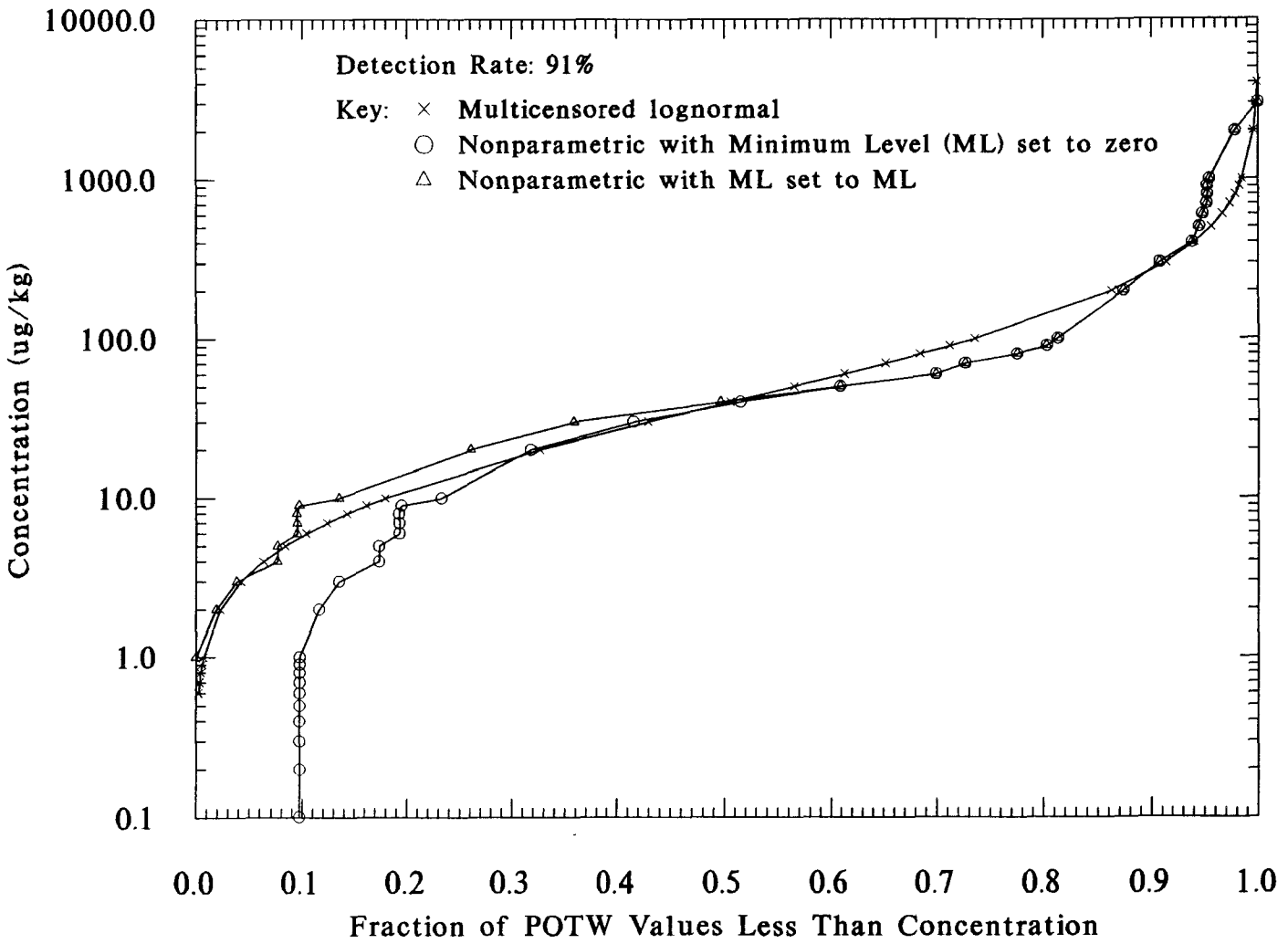

Figure 4-77. Cumulative Distribution Functions: CHROMIUM

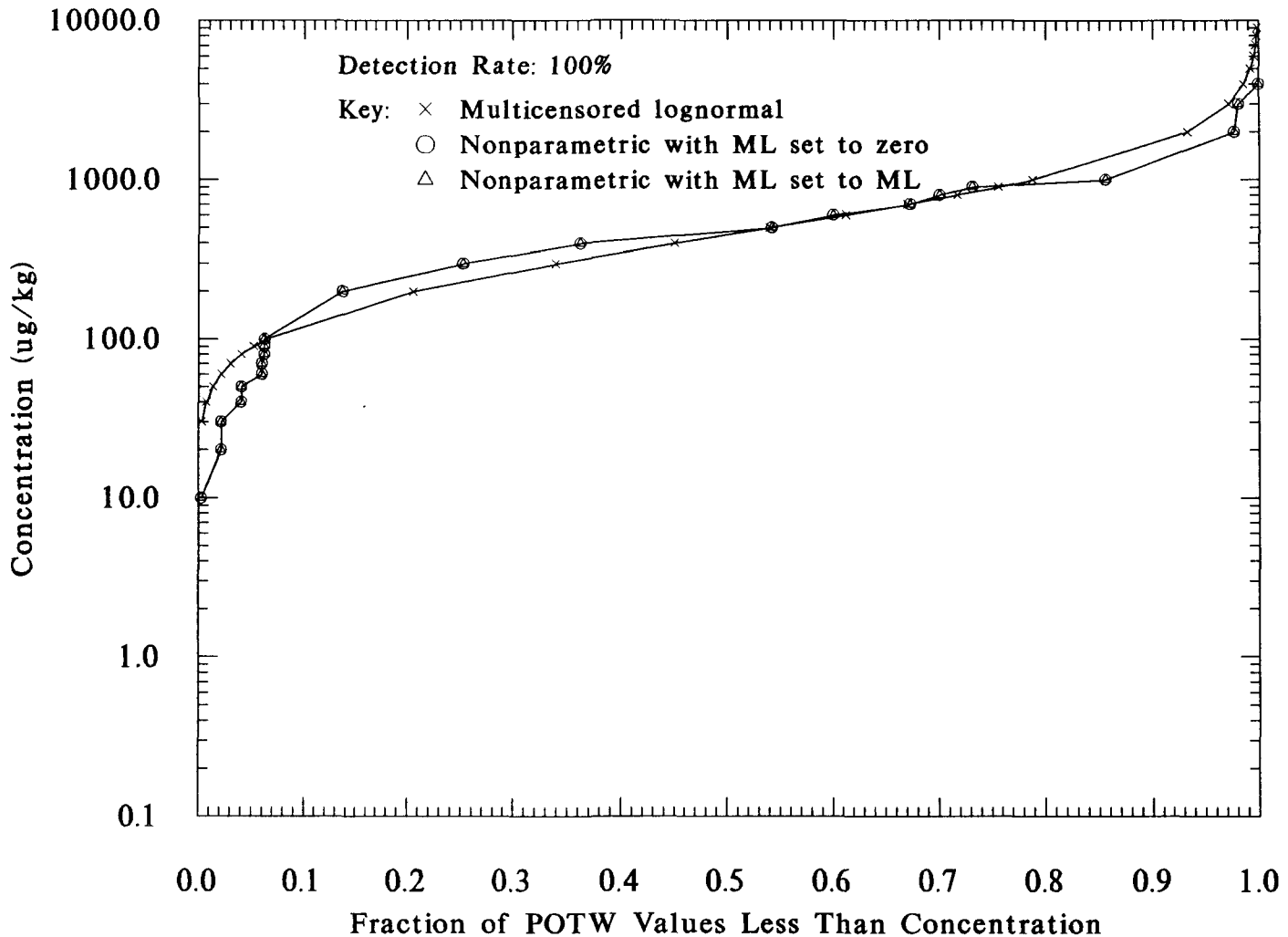

Figure 4-78. Cumulative Distribution Functions: COPPER

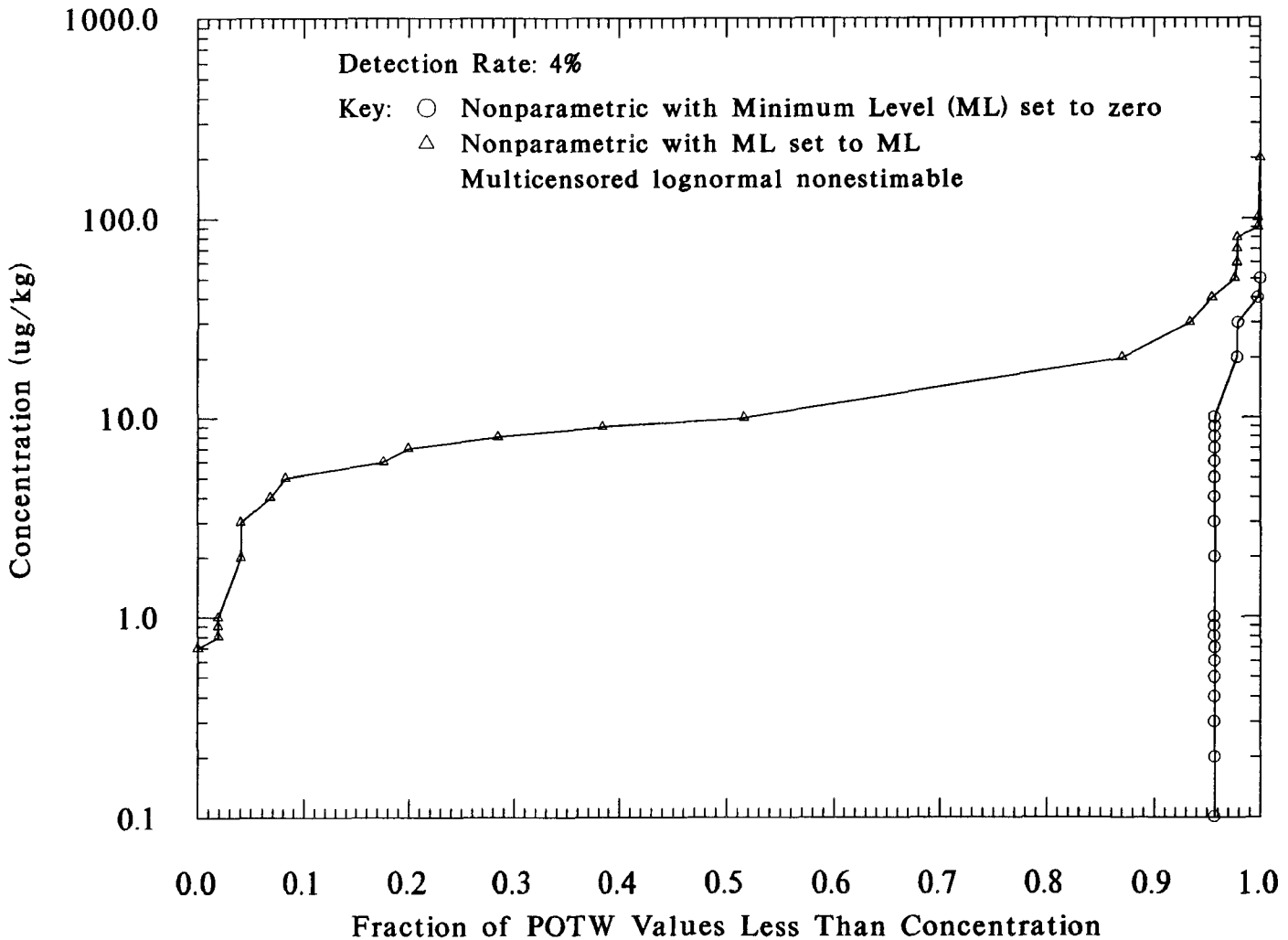

Figure 4-79. Cumulative Distribution Functions: DIELDRIN

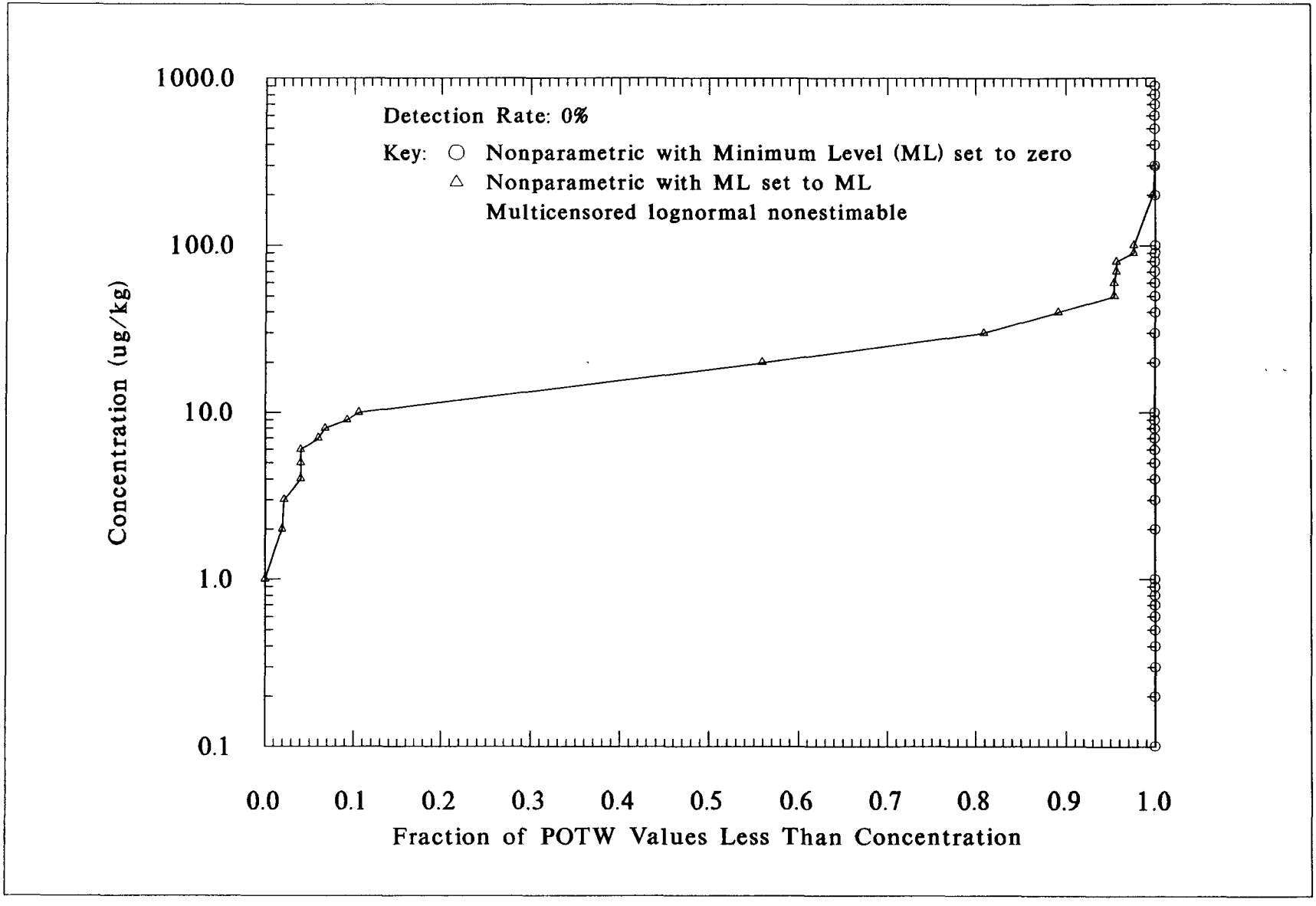

Figure 4-80. Cumulative Distribution Functions: HEPTACHLOR

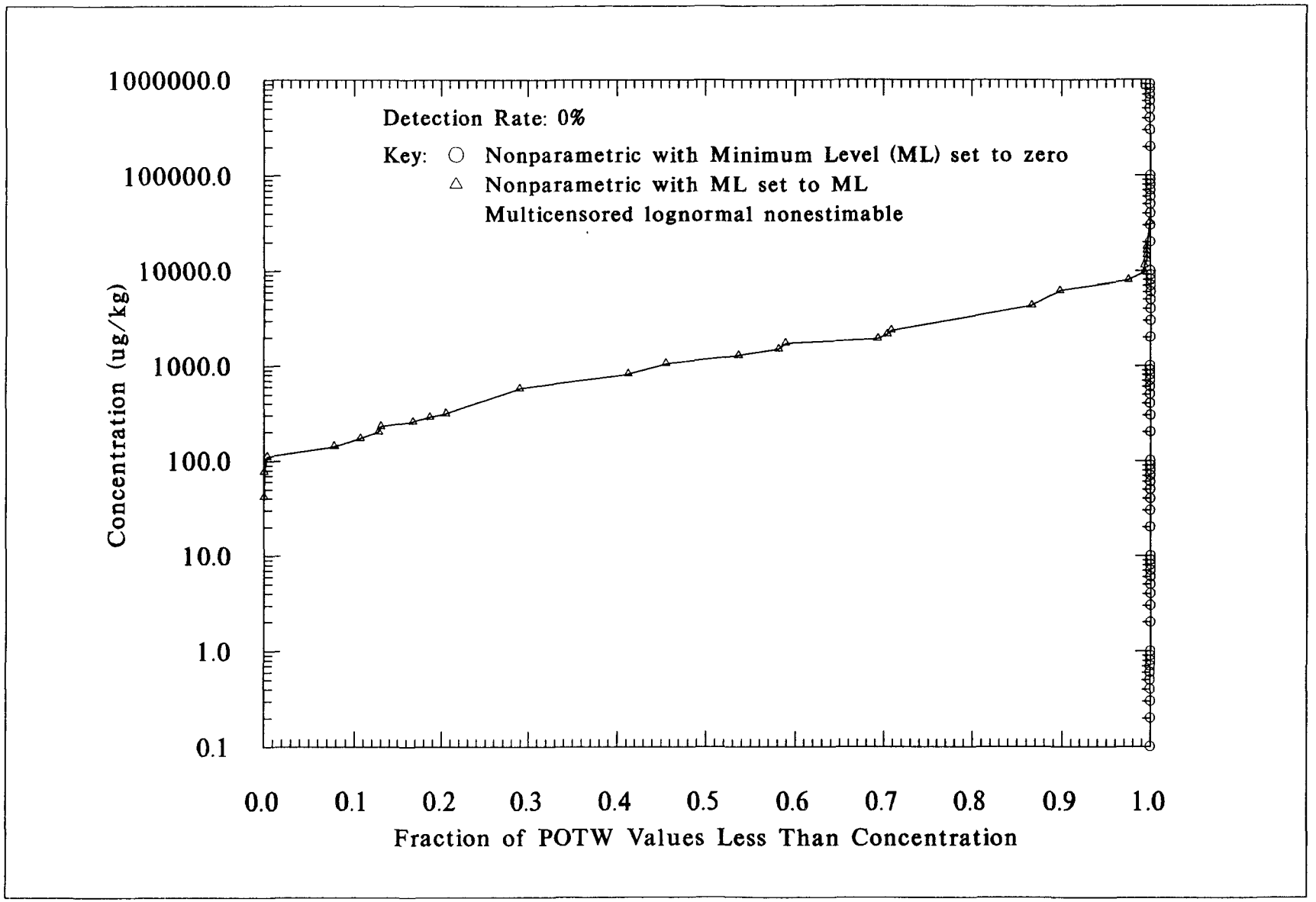

Figure 4-81. Cumulative Distribution Functions: HEXACHLOROBENZENE

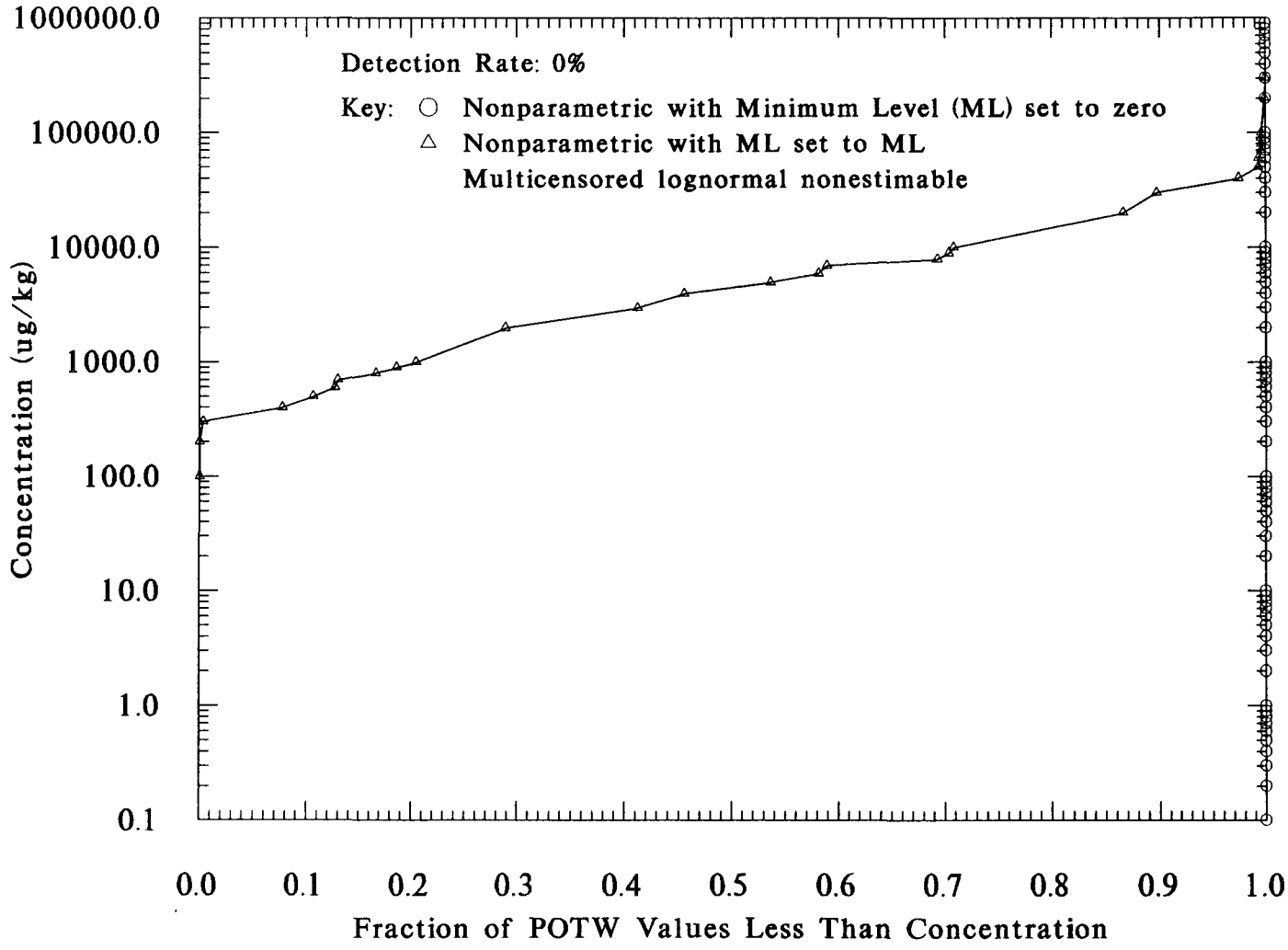

Figure 4-82. Cumulative Distribution Functions: HEXACHLOROBUTADIENE

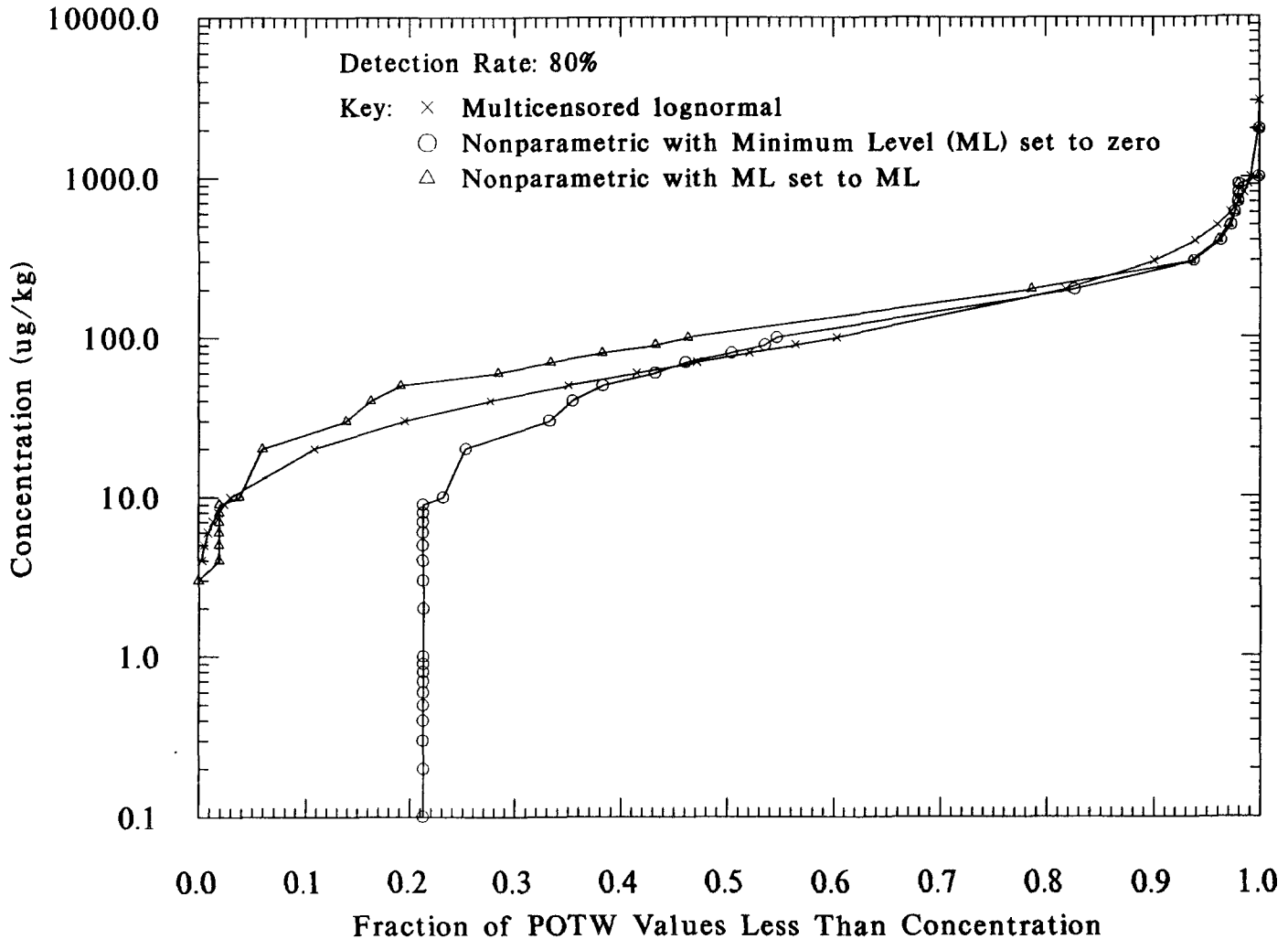

Figure 4-83. Cumulative Distribution Functions: LEAD

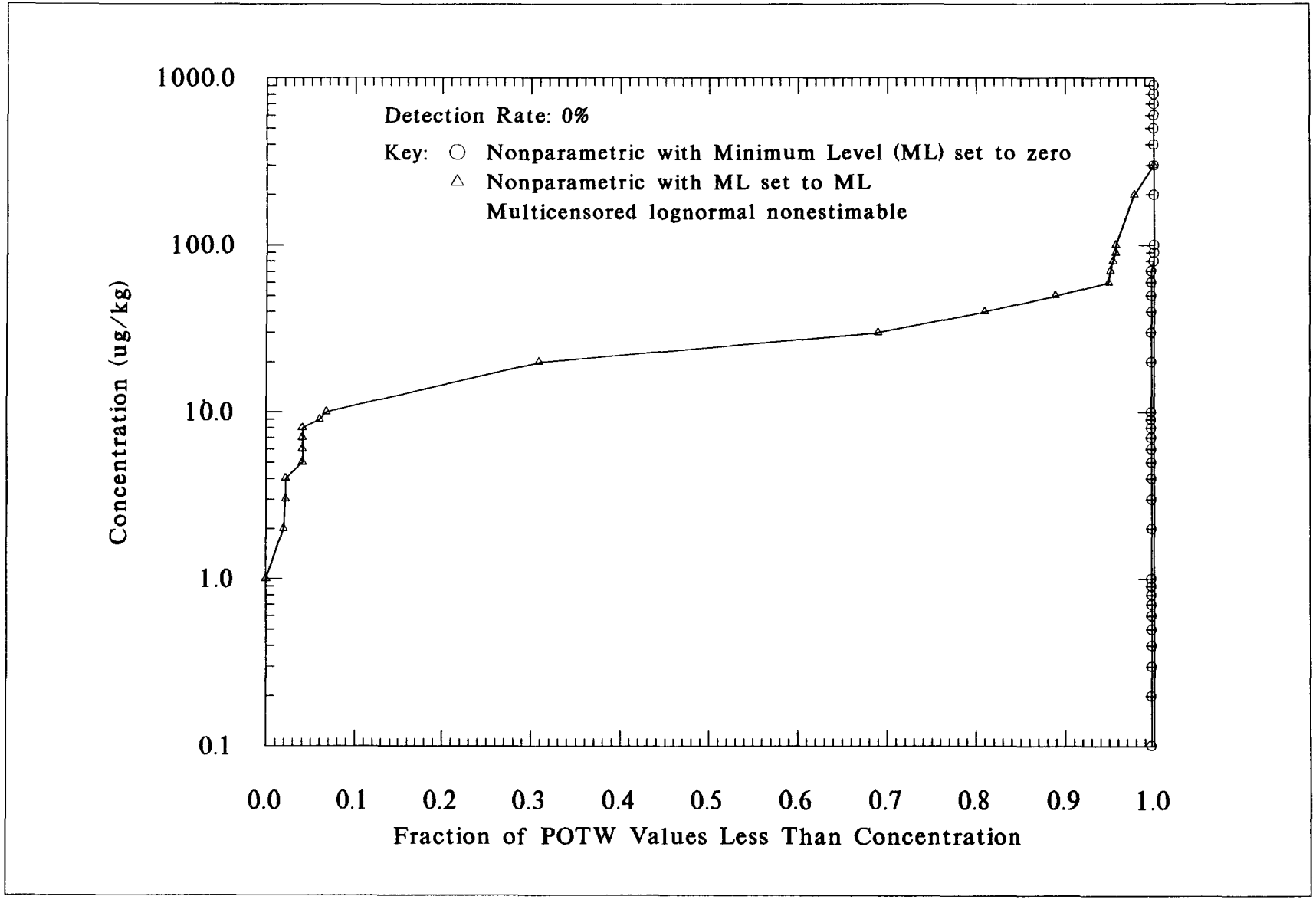

Figure 4-84. Cumulative Distribution Functions: LINDANE (GAMMA-BHC)

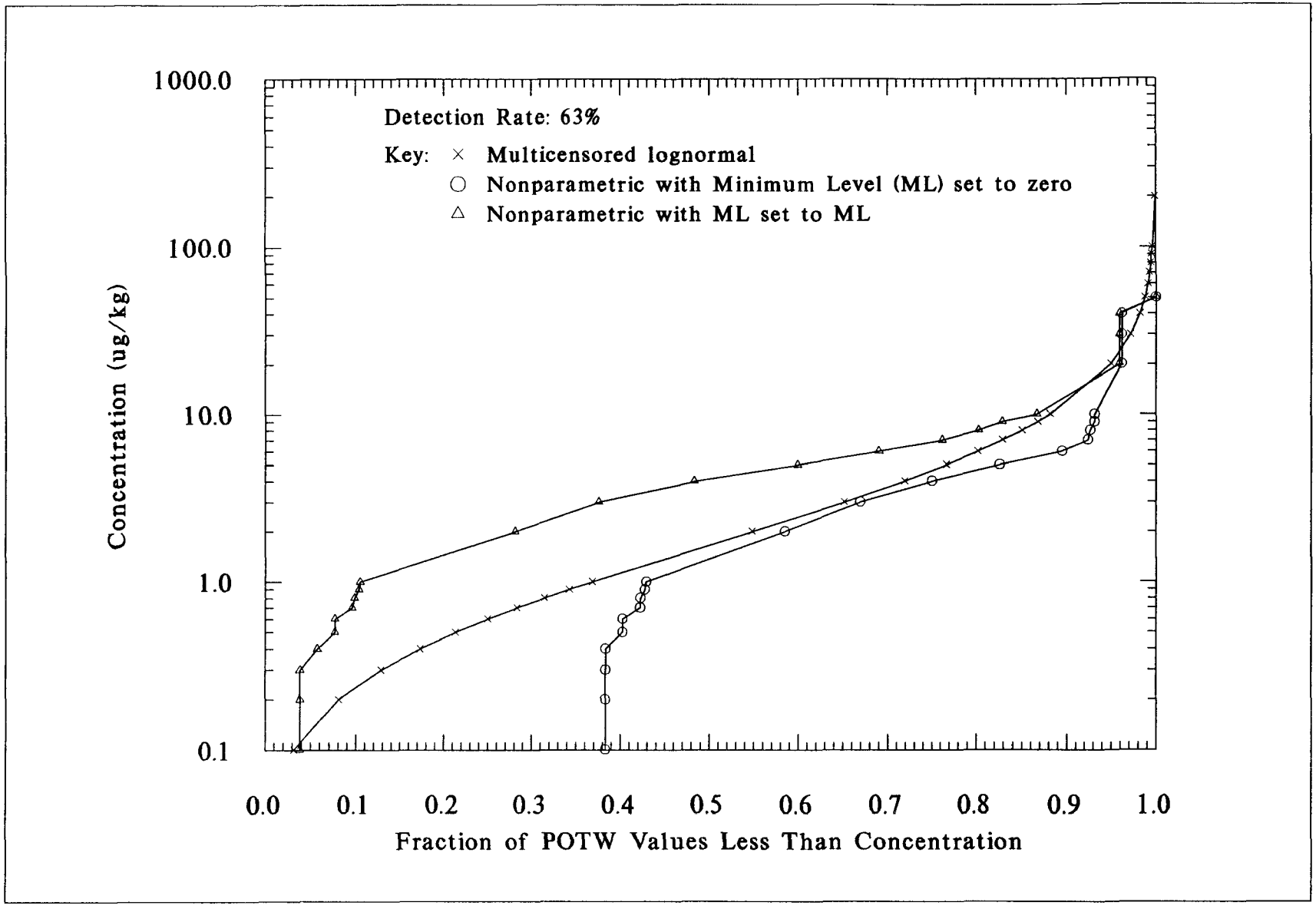

Figure 4-85. Cumulative Distribution Functions: MERCURY

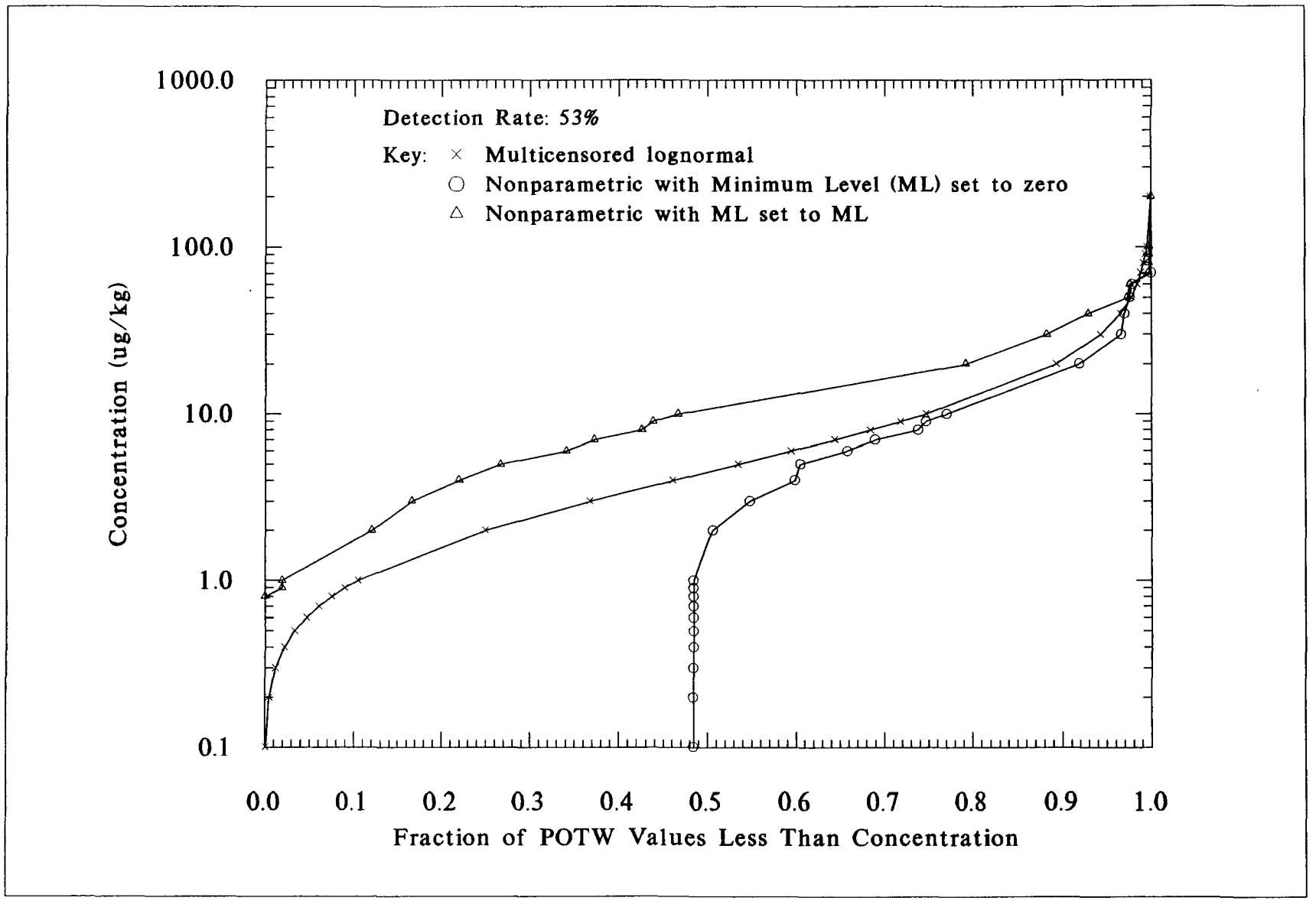

Figure 4-86. Cumulative Distribution Functions: MOLYBDENUM

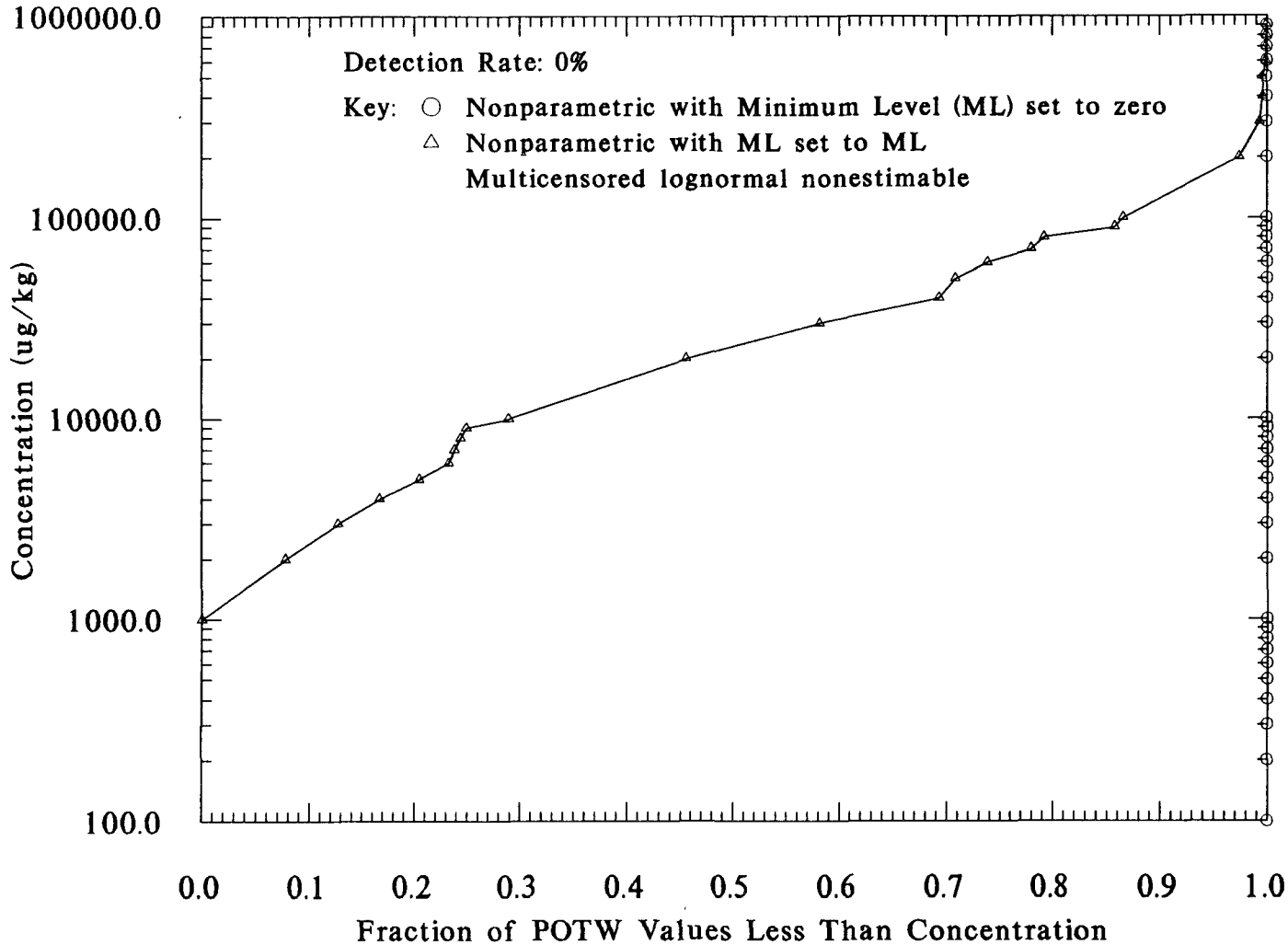

Figure 4-87. Cumulative Distribution Functions: N-NITROSODIMETHYLAMINE

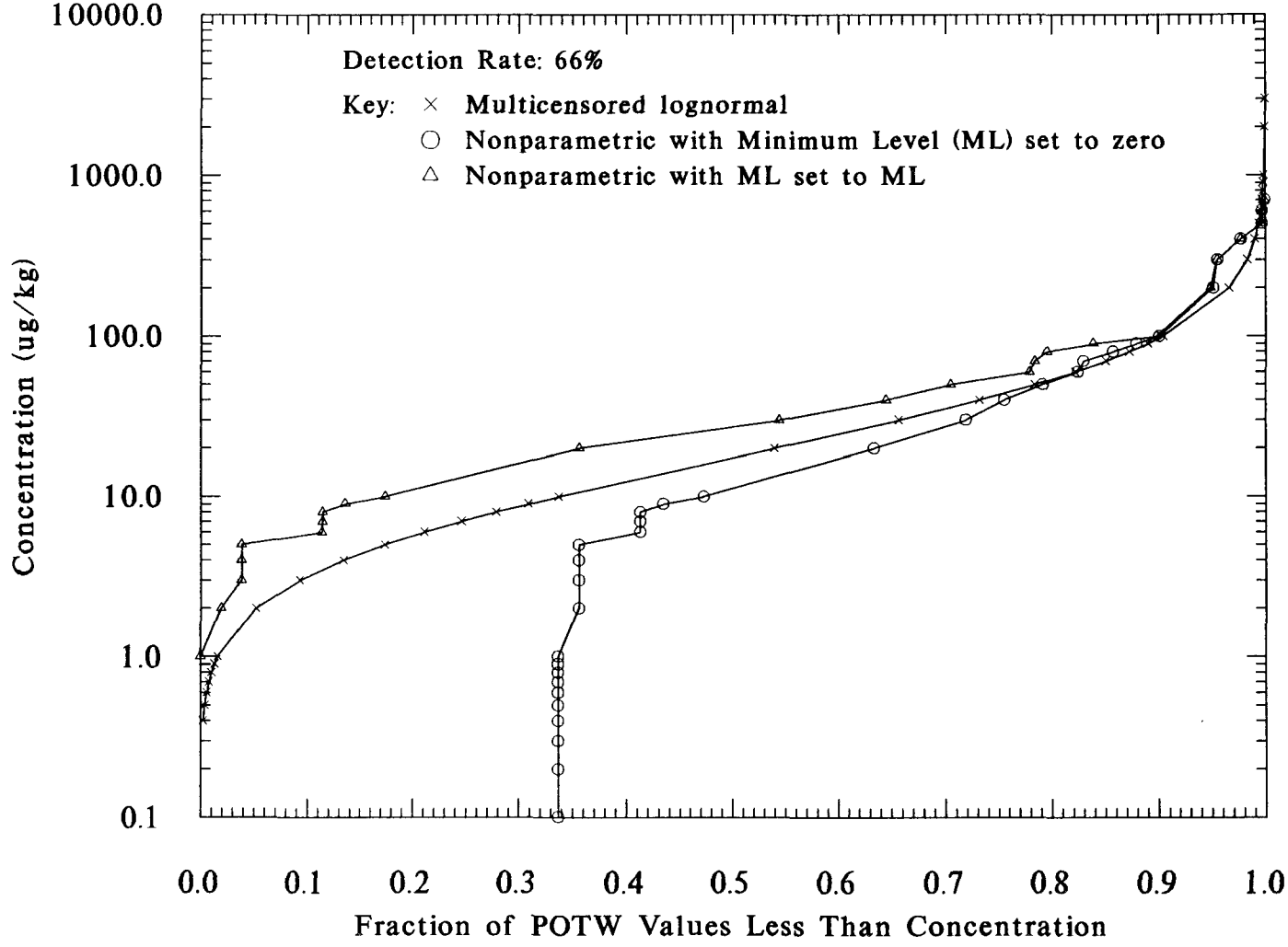

Figure 4-88. Cumulative Distribution Functions: NICKEL

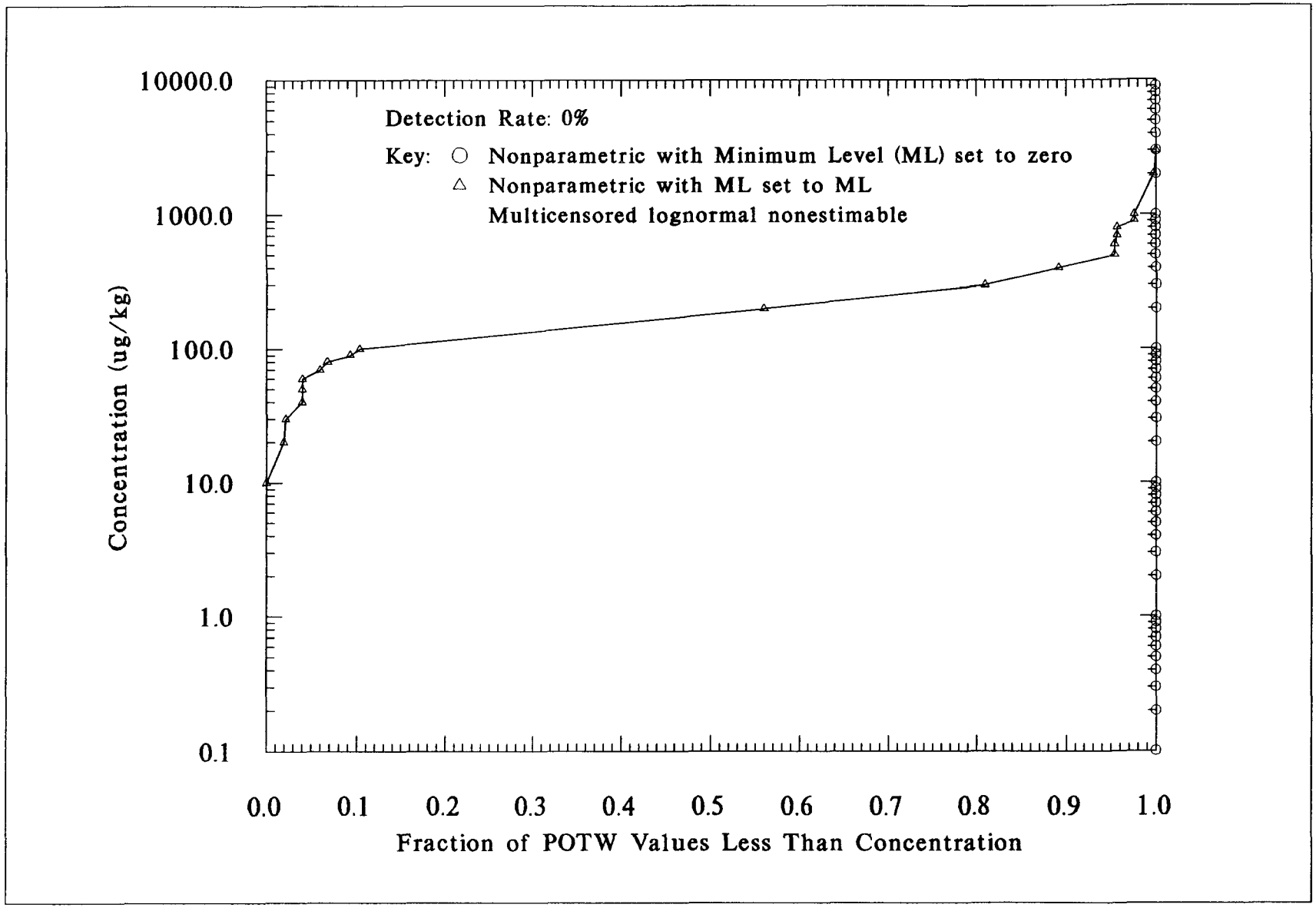

Figure 4-89. Cumulative Distribution Functions: PCB-1016

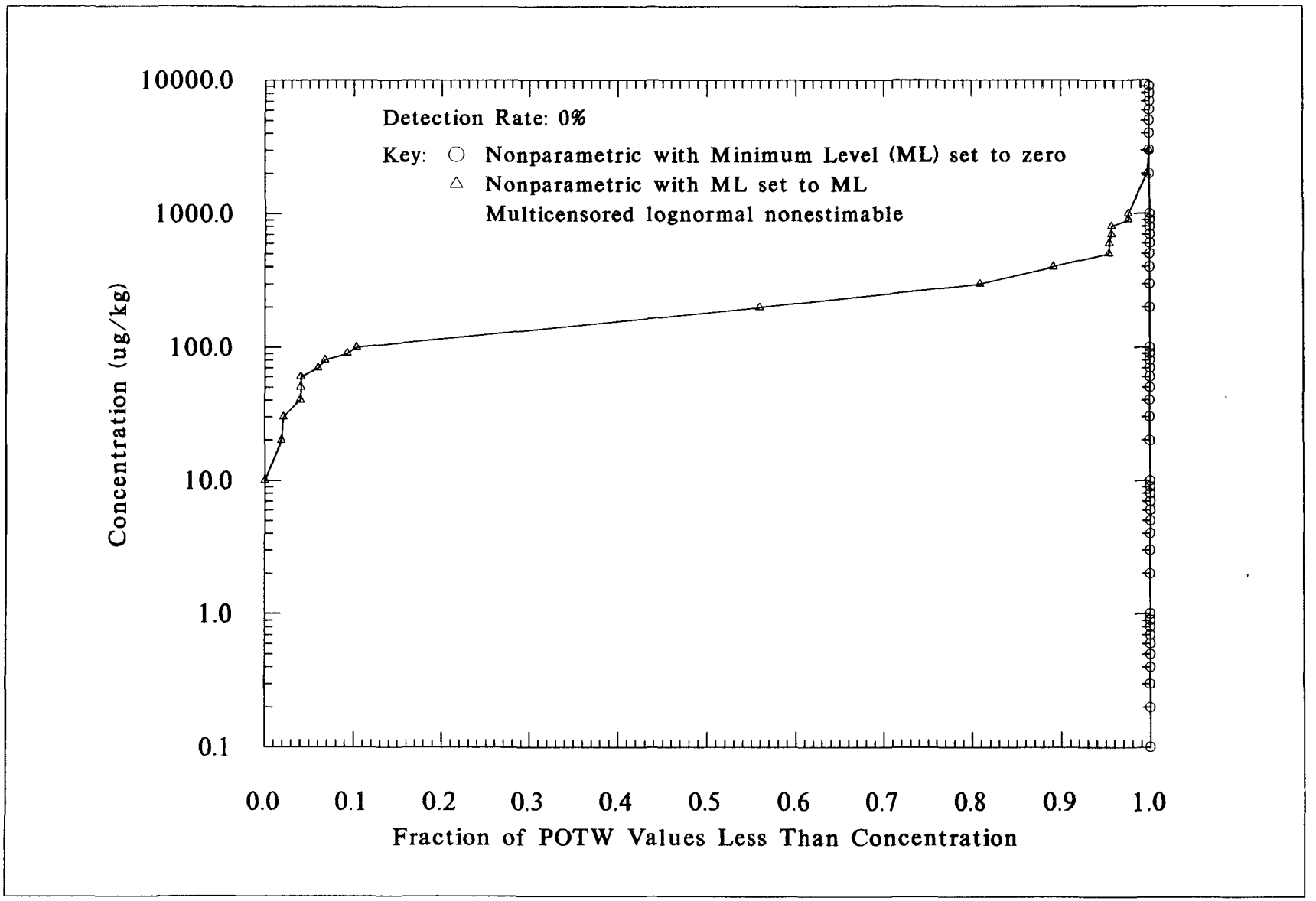

Figure 4-90. Cumulative Distribution Functions: PCB-1221

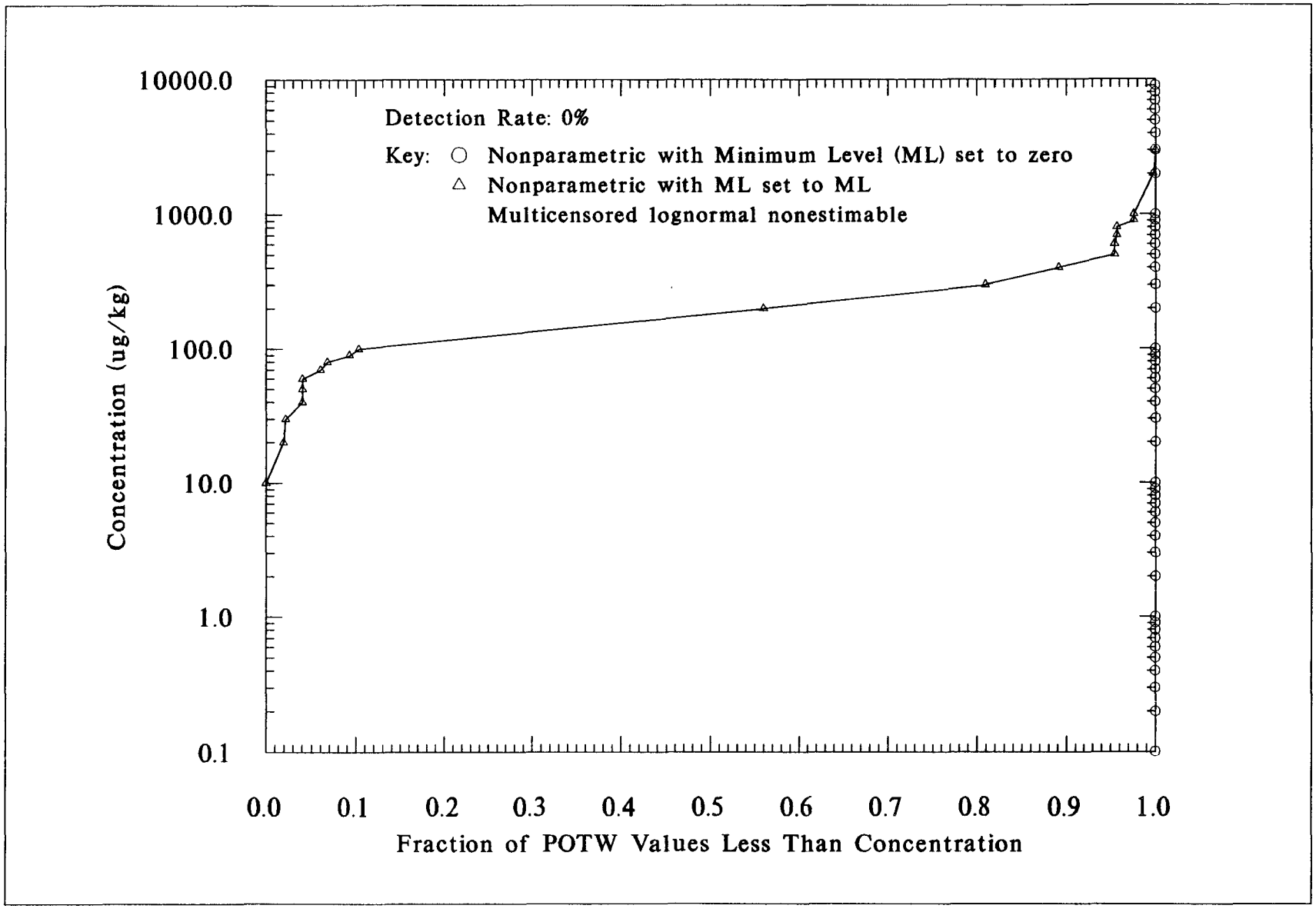

Figure 4-91. Cumulative Distribution Functions: PCB-1232

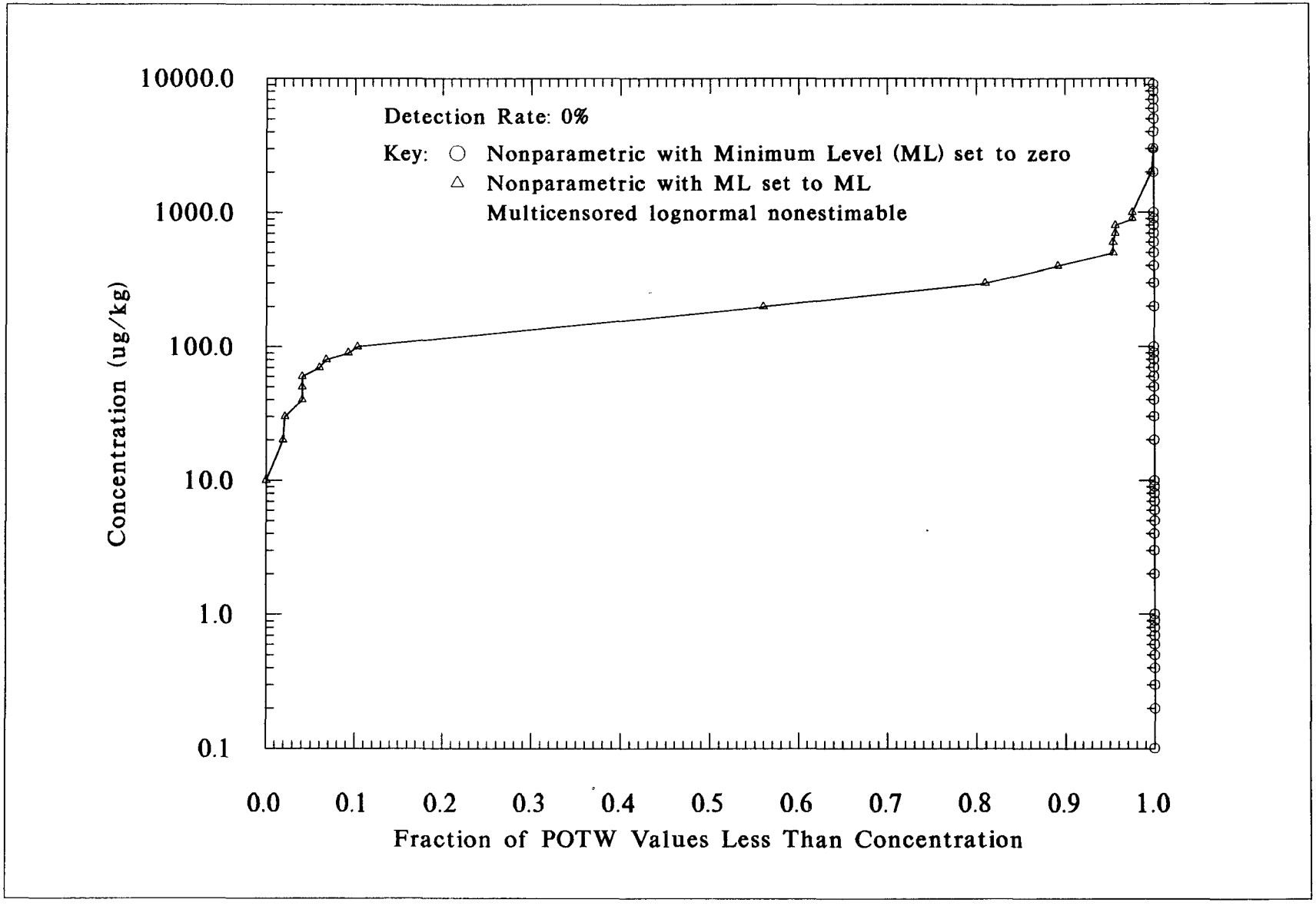

Figure 4-92. Cumulative Distribution Functions: PCB-1242

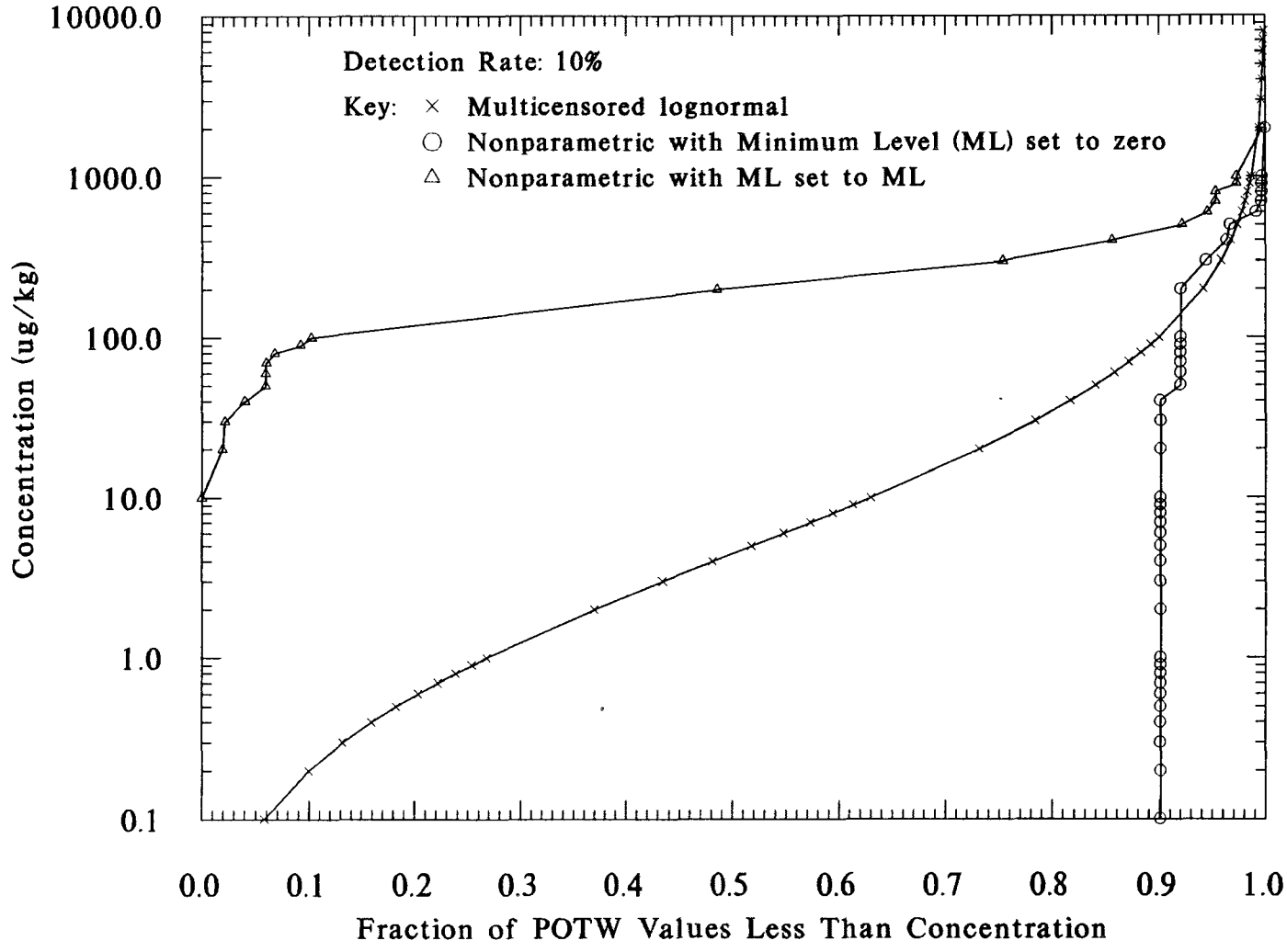

Figure 4-93. Cumulative Distribution Functions: PCB-1248

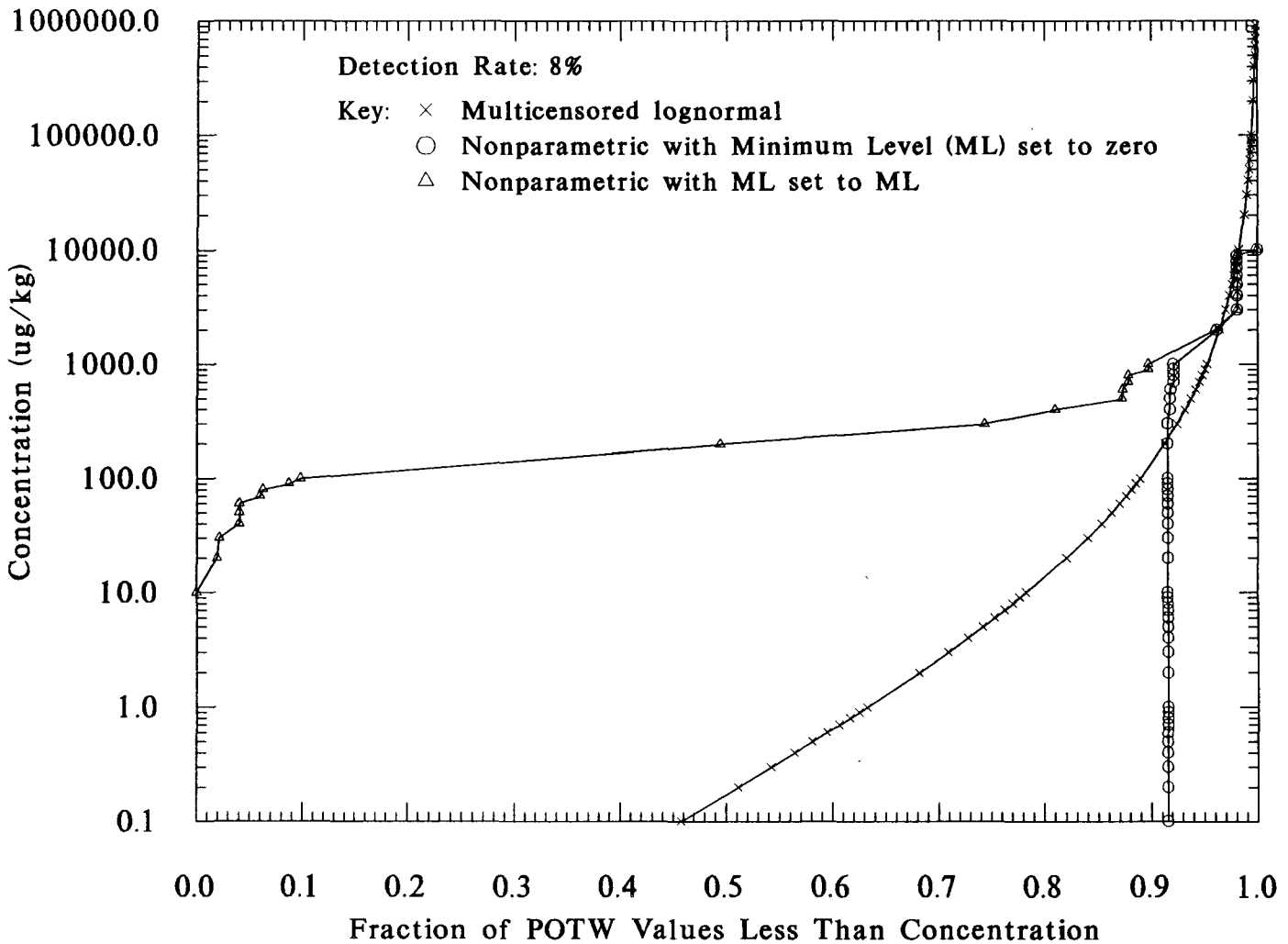

Figure 4-94. Cumulative Distribution Functions: PCB-1254

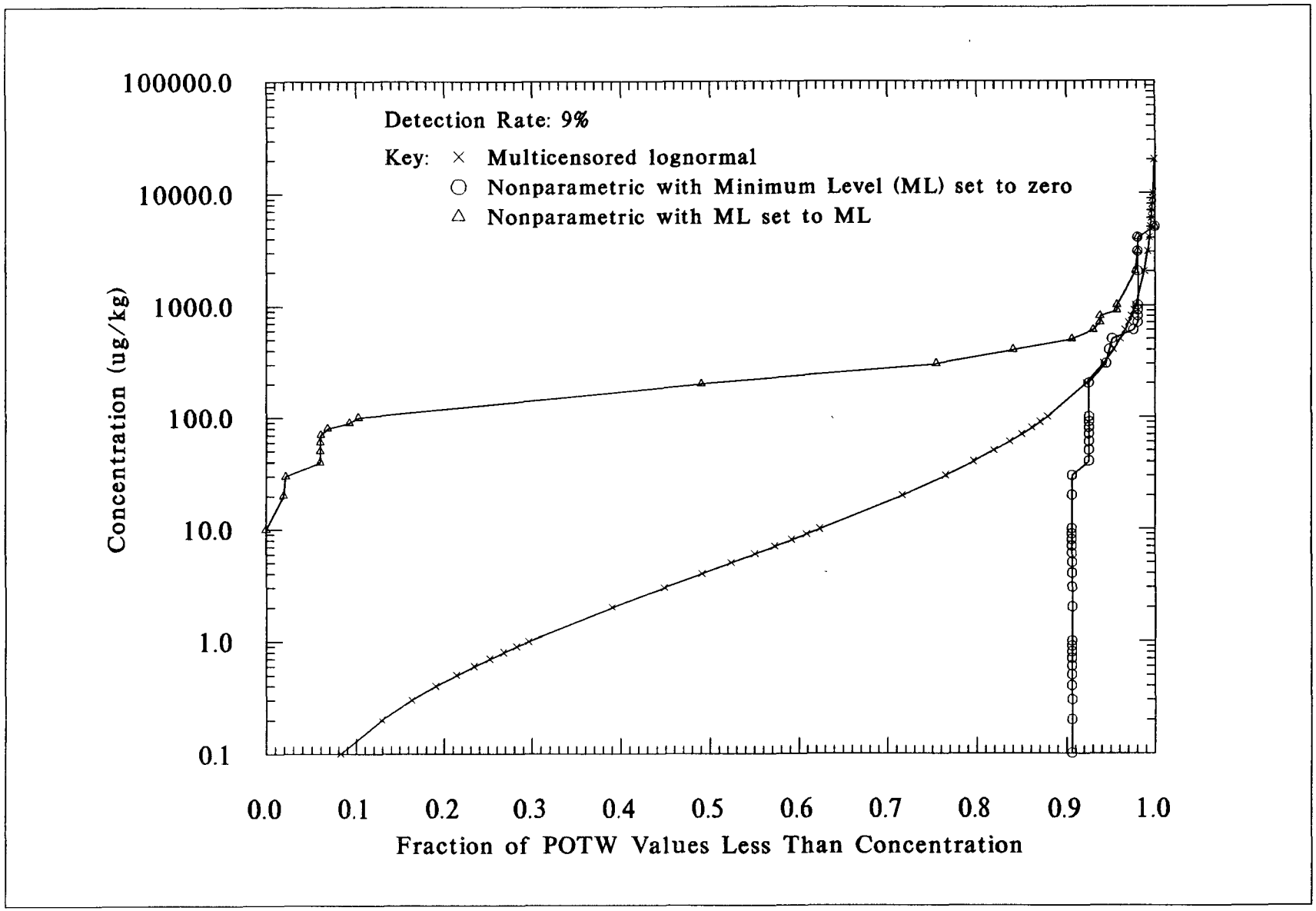

Figure 4-95. Cumulative Distribution Functions: PCB-1260

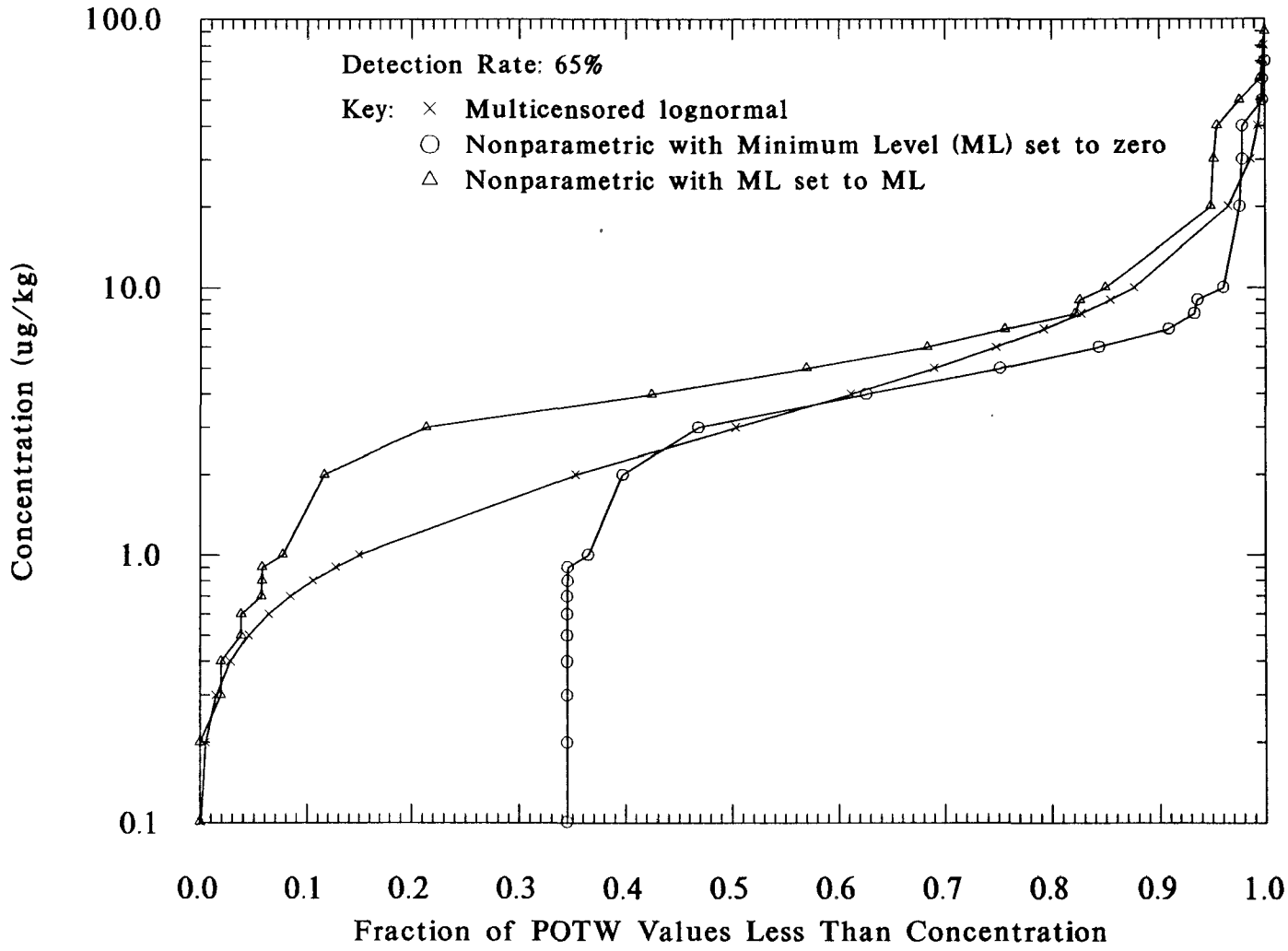

Figure 4-96. Cumulative Distribution Functions: SELENIUM

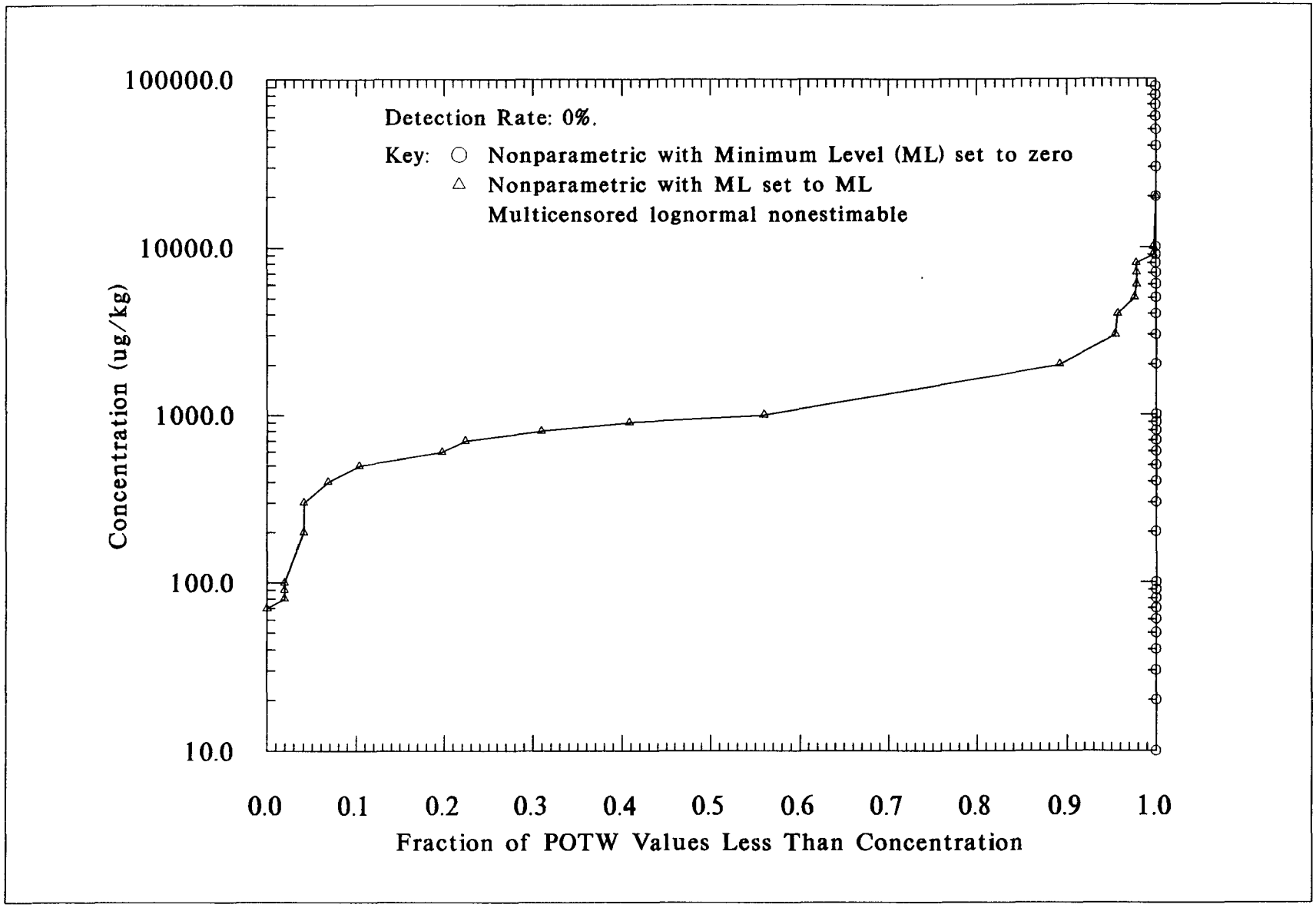

Figure 4-97. Cumulative Distribution Functions: TOXAPHENE

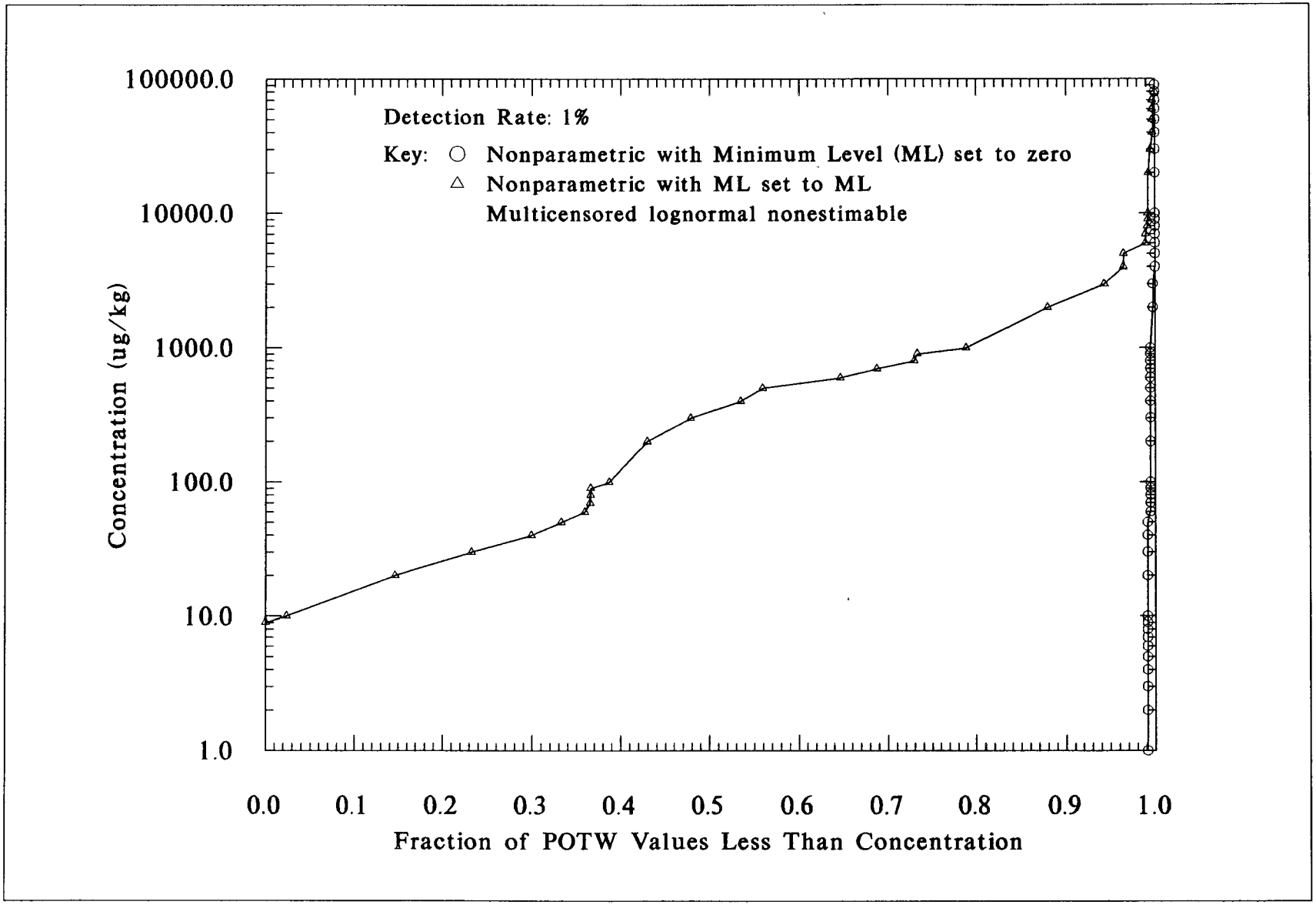

Figure 4-98. Cumulative Distribution Functions: TRICHLOROETHENE

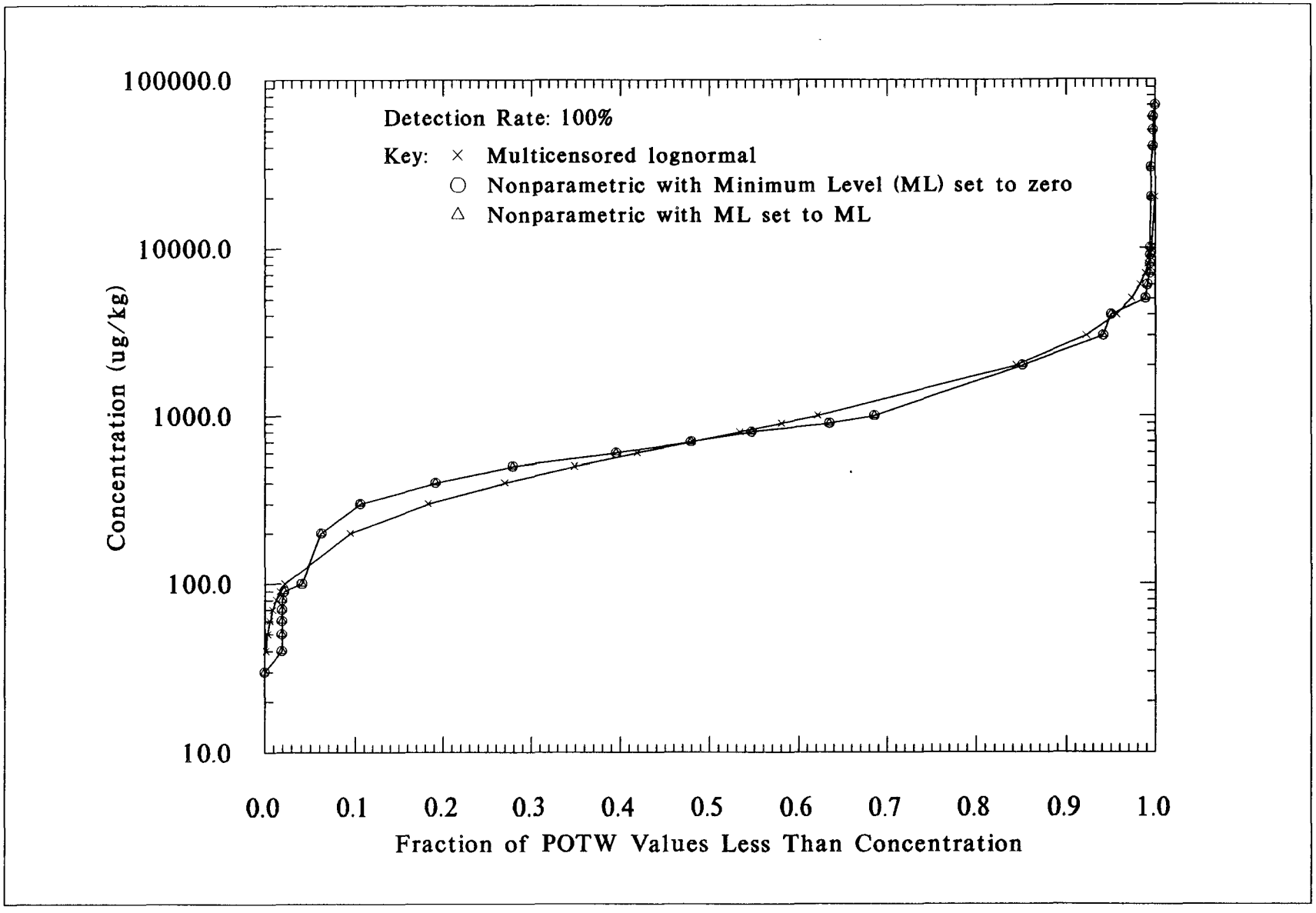

Figure 4-99. Cumulative Distribution Functions: ZINC

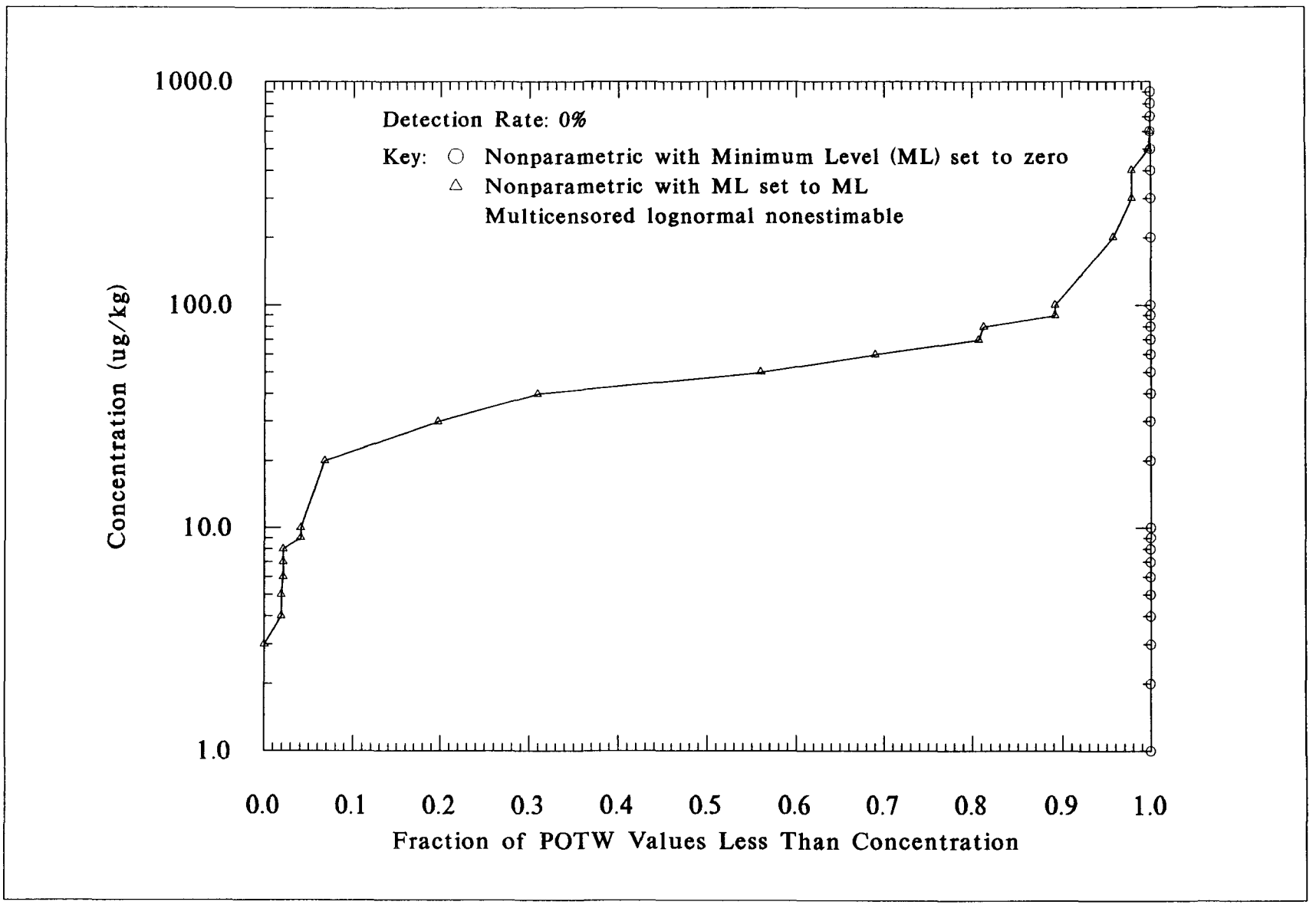

Figure 4-100. Cumulative Distribution Functions: 4,4'-DDD

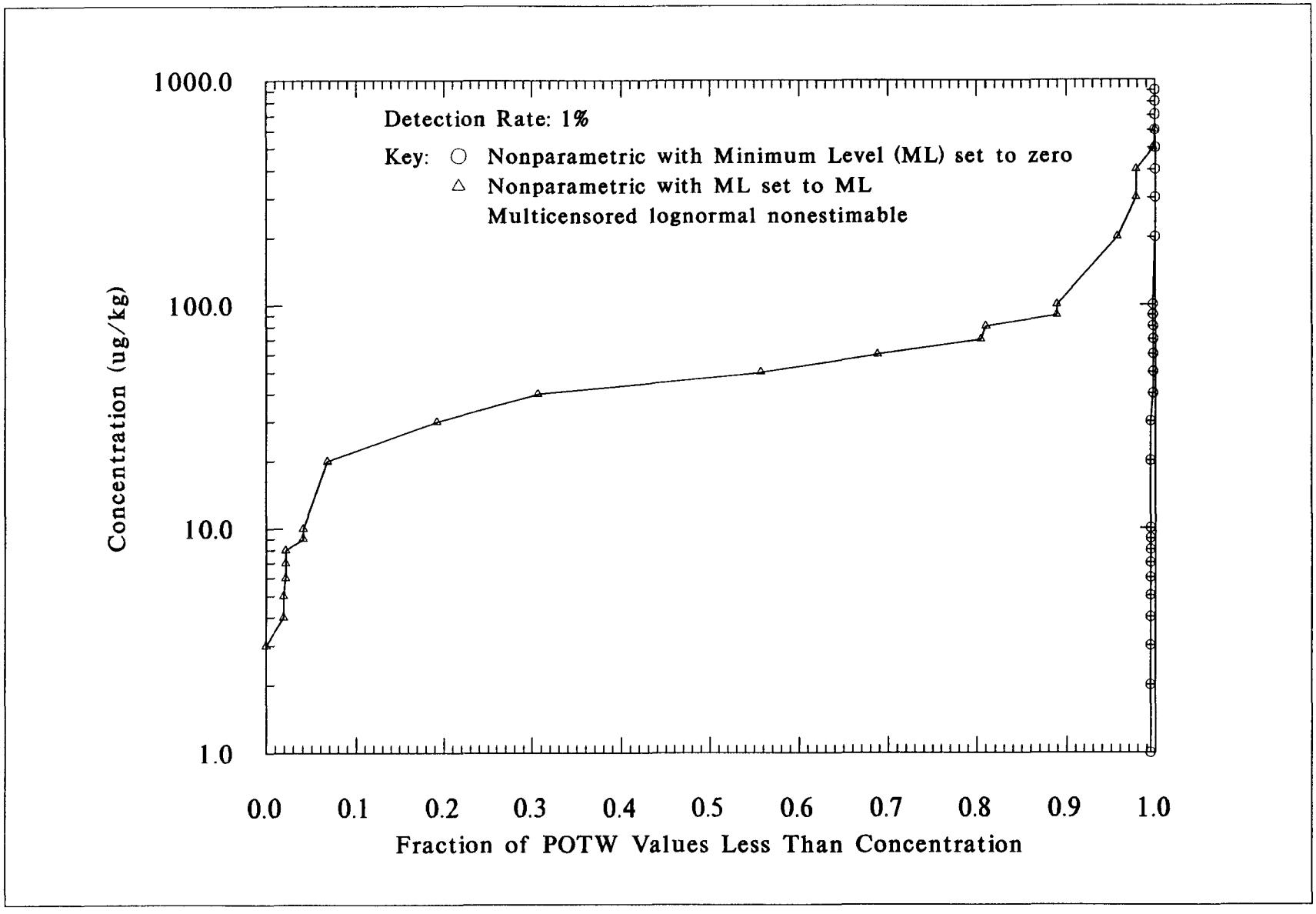

Figure 4-101. Cumulative Distribution Functions: 4,4'-DDE

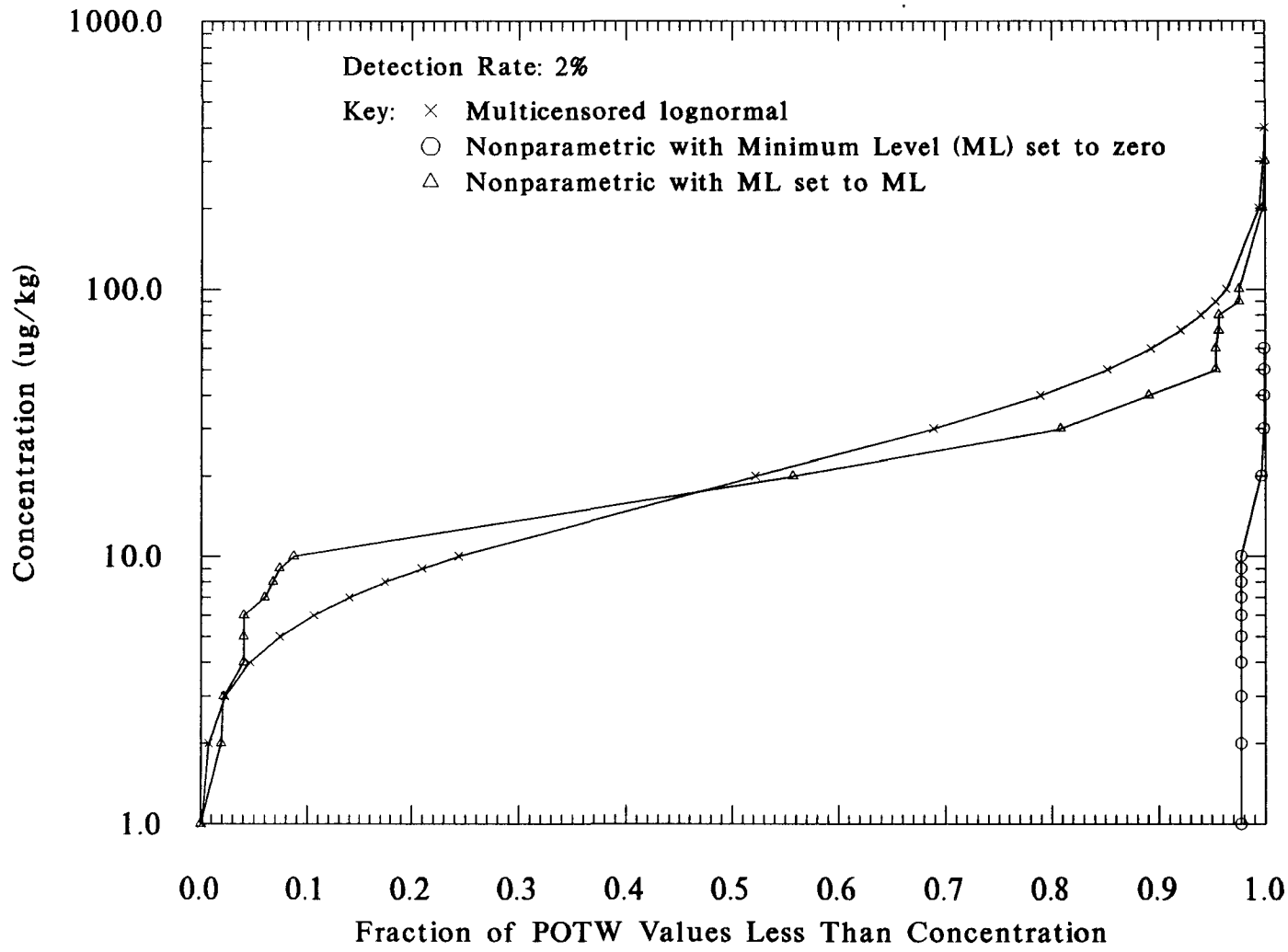

Figure 4-102. Cumulative Distribution Functions: 4,4'-DDT

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APPENDIX A
DATA LISTING

APPENDIX A

POLLUTANT CONCENTRATION DATA LISTING FOR THE 28 POLLUTANTS OF CONCERN

Pollutant concentration data for the 28 pollutants of concern listed in the proposed 40 CFR Part 503 Standards for the Use and Disposal of Sewage Sludge (54 Federal Register 5746-5902; February 6,1989) are presented here. These data were used to produce the flow rate stratum and national pollutant concentration estimates reported in the notice of availability.

Data listed here were extracted from the National Sewage Sludge Survey (NSSS) analytical data base and edited. Edits were performed to

(a) Delete data from samples of sludge that had only received primary treatment. These samples are indicated in the NSSS data base as PRI_SLG='T.'

(b) Average the variable AMOUNT for duplicate samples. These samples were indicated in the NSSS by the variable DUPFLAG='T.' The variable DETLIMIT was also averaged for duplicate samples. Average values can be distinguished in the data listing by those observations for which the sample number is blank.

(c) Transform AMOUNT to the natural logarithm scale. This information is recorded under the variable LNAMOUNT. Likewise, the natural logarithm transform of DETLIMIT is recorded in the variable LNDL.

Pollutants are referred to as analytes in the NSSS analytical data base. Observations are presented in appendix A by analyte and stratum. The recorded stratum number designates the survey design flow rate group from which the sample was obtained. Because data are reported for seven polychlorinated biphenyls (PCBs), appendix A lists pollutant concentration data for 34 analytes.

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=ALDRIN STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	ALDRIN	1	16821	.	10.67	UG/KG	.	2.37	11.90
1391	ALDRIN	1	16885	.	10.32	UG/KG	.	2.33	21.80
1419	ALDRIN	1	16739	.	7.66	UG/KG	.	2.04	44.00
1436	ALDRIN	1	17036	.	8.82	UG/KG	.	2.18	38.20
1436	ALDRIN	1	17145	.	8.35	UG/KG	.	2.12	39.90
1436	ALDRIN	1	17149	.	8.14	UG/KG	.	2.10	40.90
1437	ALDRIN	1	17033	.	10.55	UG/KG	.	2.36	16.30
1438	ALDRIN	1	17034	.	9.84	UG/KG	.	2.29	19.10
1451	ALDRIN	1	16887	.	15.45	UG/KG	.	2.74	1.10
1452	ALDRIN	1	16889	.	5.18	UG/KG	.	1.64	61.80
1452	ALDRIN	1	16890	.	5.24	UG/KG	.	1.66	63.40
1469	ALDRIN	1		.	10.53	UG/KG	.	2.35	23.90
1471	ALDRIN	1	17046	29.92	.	UG/KG	3.40	.	25.30
1471	ALDRIN	1	17052	.	10.19	UG/KG	.	2.32	20.90
1530	ALDRIN	1	17020	.	8.80	UG/KG	.	2.18	32.60
1530	ALDRIN	1	17038	.	10.54	UG/KG	.	2.35	9.30
1533	ALDRIN	1	17022	.	11.43	UG/KG	.	2.44	2.10
1534	ALDRIN	1	17081	.	4.49	UG/KG	.	1.50	75.00
1543	ALDRIN	1	17065	.	11.47	UG/KG	.	2.44	15.00
1543	ALDRIN	1	17130	.	6.53	UG/KG	.	1.88	50.50
1543	ALDRIN	1	17141	.	10.06	UG/KG	.	2.31	18.10
1550	ALDRIN	1		.	6.56	UG/KG	.	1.88	10.40
1552	ALDRIN	1		.	11.97	UG/KG	.	2.48	3.80
1553	ALDRIN	1	16884	.	13.50	UG/KG	.	2.60	2.00
1556	ALDRIN	1	16896	.	15.00	UG/KG	.	2.71	1.80
1559	ALDRIN	1		.	9.83	UG/KG	.	2.29	8.45

ANALYTE=ALDRIN STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	ALDRIN	2	16527	.	11.25	UG/KG	.	2.42	19.20
1365	ALDRIN	2	16528	.	17.33	UG/KG	.	2.85	3.00
1366	ALDRIN	2	16814	.	10.92	UG/KG	.	2.39	25.00
1369	ALDRIN	2	16818	.	10.62	UG/KG	.	2.36	17.80
1380	ALDRIN	2		.	11.12	UG/KG	.	2.41	30.55
1390	ALDRIN	2	16834	.	9.10	UG/KG	.	2.21	32.20
1392	ALDRIN	2		.	6.57	UG/KG	.	1.88	21.55
1393	ALDRIN	2	16529	.	16.67	UG/KG	.	2.81	5.10
1399	ALDRIN	2		.	7.47	UG/KG	.	2.01	4.15
1400	ALDRIN	2	16810	.	9.57	UG/KG	.	2.26	2.30
1403	ALDRIN	2	16811	.	4.70	UG/KG	.	1.55	71.70
1410	ALDRIN	2	16833	.	6.30	UG/KG	.	1.84	30.80
1413	ALDRIN	2	17025	.	11.79	UG/KG	.	2.47	2.80
1413	ALDRIN	2	17061	.	10.11	UG/KG	.	2.31	18.10
1418	ALDRIN	2	16743	.	10.54	UG/KG	.	2.36	3.70
1421	ALDRIN	2		.	15.15	UG/KG	.	2.72	1.85
1422	ALDRIN	2	16831	.	12.46	UG/KG	.	2.52	18.30
1423	ALDRIN	2	16832	.	10.59	UG/KG	.	2.36	20.40
1424	ALDRIN	2	16799	.	12.03	UG/KG	.	2.49	14.30
1426	ALDRIN	2	16868	.	11.94	UG/KG	.	2.48	3.10
1429	ALDRIN	2		.	10.03	UG/KG	.	2.31	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=ALDRIN STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	ALDRIN	2	16823	.	12.05	UG/KG	.	2.49	4.40
1443	ALDRIN	2	16825	.	11.28	UG/KG	.	2.42	3.90
1447	ALDRIN	2		.	8.75	UG/KG	.	2.17	3.60
1453	ALDRIN	2	16888	.	10.43	UG/KG	.	2.34	18.60
1454	ALDRIN	2	16838	.	8.80	UG/KG	.	2.17	38.30
1454	ALDRIN	2	16839	.	7.40	UG/KG	.	2.00	20.00
1456	ALDRIN	2	17021	.	8.00	UG/KG	.	2.08	2.00
1460	ALDRIN	2	16879	.	9.01	UG/KG	.	2.20	33.20
1463	ALDRIN	2	16873	.	11.05	UG/KG	.	2.40	3.80
1463	ALDRIN	2	16874	.	3.46	UG/KG	.	1.24	63.60
1481	ALDRIN	2	17136	.	11.62	UG/KG	.	2.45	14.80
1482	ALDRIN	2		.	11.00	UG/KG	.	2.40	19.90
1484	ALDRIN	2	17024	.	11.19	UG/KG	.	2.42	21.00
1485	ALDRIN	2	17132	29.96	.	UG/KG	3.40	.	4.64
1485	ALDRIN	2	17133	45.92	.	UG/KG	3.83	.	15.20
1493	ALDRIN	2		.	4.08	UG/KG	.	1.41	82.80
1495	ALDRIN	2	17155	.	7.52	UG/KG	.	2.02	44.30
1499	ALDRIN	2	17019	.	10.00	UG/KG	.	2.30	4.90
1500	ALDRIN	2		.	10.83	UG/KG	.	2.38	20.05
1503	ALDRIN	2	17079	.	10.66	UG/KG	.	2.37	31.90
1510	ALDRIN	2	17072	.	13.11	UG/KG	.	2.57	10.60
1514	ALDRIN	2	17085	.	22.27	UG/KG	.	3.10	11.00
1515	ALDRIN	2		.	3.60	UG/KG	.	1.28	94.30
1520	ALDRIN	2	16855	38.81	.	UG/KG	3.66	.	41.10
1521	ALDRIN	2	16860	.	9.27	UG/KG	.	2.23	19.20
1522	ALDRIN	2	16853	.	9.71	UG/KG	.	2.27	17.50
1523	ALDRIN	2		.	6.77	UG/KG	.	1.91	50.00
1524	ALDRIN	2	16854	.	9.81	UG/KG	.	2.28	26.30
1524	ALDRIN	2	16856	.	9.75	UG/KG	.	2.28	23.60
1529	ALDRIN	2	17086	.	9.46	UG/KG	.	2.25	13.00
1535	ALDRIN	2	17088	.	10.00	UG/KG	.	2.30	2.80
1538	ALDRIN	2	17087	.	4.68	UG/KG	.	1.54	70.50
1540	ALDRIN	2	17093	.	10.00	UG/KG	.	2.30	24.40
1544	ALDRIN	2	16803	.	9.75	UG/KG	.	2.28	20.30
1545	ALDRIN	2	16805	.	10.39	UG/KG	.	2.34	20.60
1554	ALDRIN	2	17066	.	4.27	UG/KG	.	1.45	77.90
1554	ALDRIN	2	17071	.	11.94	UG/KG	.	2.48	27.90
1558	ALDRIN	2	16801	.	10.20	UG/KG	.	2.32	14.90
1564	ALDRIN	2	17043	.	10.31	UG/KG	.	2.33	25.50
1564	ALDRIN	2	17049	.	6.71	UG/KG	.	1.90	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=ALDRIN STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	ALDRIN	3	16532	.	4.55	UG/KG	.	1.51	5.50
1367	ALDRIN	3	16533	.	7.12	UG/KG	.	1.96	16.30
1367	ALDRIN	3	16534	.	3.78	UG/KG	.	1.33	89.60
1370	ALDRIN	3	16817	.	3.73	UG/KG	.	1.32	14.20
1381	ALDRIN	3	16819	.	7.35	UG/KG	.	2.00	3.40
1382	ALDRIN	3	16816	.	4.56	UG/KG	.	1.52	74.50
1384	ALDRIN	3	16536	.	10.24	UG/KG	.	2.33	33.20
1385	ALDRIN	3	16886	.	10.47	UG/KG	.	2.35	4.30
1395	ALDRIN	3	16861	.	12.61	UG/KG	.	2.53	2.30
1395	ALDRIN	3	16862	.	10.84	UG/KG	.	2.38	19.10
1396	ALDRIN	3	16830	.	11.25	UG/KG	.	2.42	3.20
1397	ALDRIN	3	16851	.	12.05	UG/KG	.	2.49	7.80
1402	ALDRIN	3	16809	.	12.86	UG/KG	.	2.55	1.40
1404	ALDRIN	3		.	22.36	UG/KG	.	3.11	2.00
1405	ALDRIN	3	16843	.	9.54	UG/KG	.	2.26	15.20
1405	ALDRIN	3	16844	.	6.28	UG/KG	.	1.84	53.80
1406	ALDRIN	3	16841	.	13.75	UG/KG	.	2.62	1.60
1409	ALDRIN	3		.	24.04	UG/KG	.	3.18	4.55
1411	ALDRIN	3	16826	.	4.19	UG/KG	.	1.43	80.90
1412	ALDRIN	3	16829	.	10.86	UG/KG	.	2.38	3.50
1416	ALDRIN	3		.	9.39	UG/KG	.	2.24	35.80
1425	ALDRIN	3	16878	.	10.15	UG/KG	.	2.32	19.50
1428	ALDRIN	3	16869	.	34.00	UG/KG	.	3.53	0.50
1433	ALDRIN	3	16800	.	3.80	UG/KG	.	1.33	89.30
1434	ALDRIN	3	16806	.	12.94	UG/KG	.	2.56	17.70
1435	ALDRIN	3	17016	.	5.15	UG/KG	.	1.64	65.40
1439	ALDRIN	3	17047	.	12.38	UG/KG	.	2.52	10.10
1440	ALDRIN	3	17050	.	10.68	UG/KG	.	2.37	19.10
1448	ALDRIN	3	16745	.	5.26	UG/KG	.	1.66	62.60
1448	ALDRIN	3	16746	.	1.10	UG/KG	.	0.10	10.90
1449	ALDRIN	3		.	10.60	UG/KG	.	2.36	2.35
1462	ALDRIN	3	16849	.	14.31	UG/KG	.	2.66	7.20
1472	ALDRIN	3		.	10.71	UG/KG	.	2.37	20.45
1474	ALDRIN	3	17031	.	10.00	UG/KG	.	2.30	15.20
1475	ALDRIN	3	17028	.	10.85	UG/KG	.	2.38	30.70
1476	ALDRIN	3		.	11.03	UG/KG	.	2.40	23.50
1479	ALDRIN	3	17144	.	11.20	UG/KG	.	2.42	30.10
1479	ALDRIN	3	17150	.	13.07	UG/KG	.	2.57	1.76
1480	ALDRIN	3	17044	.	11.11	UG/KG	.	2.41	3.60
1486	ALDRIN	3	17131	.	10.77	UG/KG	.	2.38	2.60
1487	ALDRIN	3	17023	.	11.03	UG/KG	.	2.40	14.50
1489	ALDRIN	3	17041	.	5.40	UG/KG	.	1.69	34.10
1490	ALDRIN	3	17027	.	10.50	UG/KG	.	2.35	2.00
1492	ALDRIN	3	17010	.	5.60	UG/KG	.	1.72	60.20
1497	ALDRIN	3	17015	.	105.26	UG/KG	.	4.66	0.19
1498	ALDRIN	3		.	9.45	UG/KG	.	2.25	4.50
1502	ALDRIN	3	17073	.	10.69	UG/KG	.	2.37	2.90
1504	ALDRIN	3	17078	.	15.05	UG/KG	.	2.71	0.93
1505	ALDRIN	3	17152	19.69	.	UG/KG	2.98	.	26.20
1507	ALDRIN	3	17154	.	5.01	UG/KG	.	1.61	67.30
1508	ALDRIN	3	17084	.	50.74	UG/KG	.	3.93	2.70
1511	ALDRIN	3	17139	.	8.10	UG/KG	.	2.09	41.60
1513	ALDRIN	3	170[illegible]	.	12.40	UG/KG	.	2.52	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=ALDRIN STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	ALDRIN	3	17002	.	6.20	UG/KG	.	1.82	53.70
1518	ALDRIN	3	17003	.	5.15	UG/KG	.	1.64	65.60
1519	ALDRIN	3	17005	.	10.85	UG/KG	.	2.38	11.80
1525	ALDRIN	3	17001	.	5.74	UG/KG	.	1.75	59.20
1526	ALDRIN	3		.	9.49	UG/KG	.	2.25	27.75
1537	ALDRIN	3	17090	.	10.98	UG/KG	.	2.40	17.30
1541	ALDRIN	3	17091	.	10.60	UG/KG	.	2.36	5.00
1542	ALDRIN	3	17089	.	4.43	UG/KG	.	1.49	76.80
1546	ALDRIN	3	16804	.	10.31	UG/KG	.	2.33	22.60
1547	ALDRIN	3	17070	.	7.47	UG/KG	.	2.01	45.10
1548	ALDRIN	3	17067	.	11.66	UG/KG	.	2.46	18.10
1560	ALDRIN	3	16883	20.97	.	UG/KG	3.04	.	71.40
1561	ALDRIN	3	16891	.	10.91	UG/KG	.	2.39	2.20
1561	ALDRIN	3	16892	.	4.83	UG/KG	.	1.58	68.30
1563	ALDRIN	3	17143	26.42	.	UG/KG	3.27	.	2.65
1566	ALDRIN	3		.	11.33	UG/KG	.	2.43	1.15

ANALYTE=ALDRIN STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	ALDRIN	4	16525	.	3.33	UG/KG	.	1.20	100.00
1363	ALDRIN	4	16526	.	13.75	UG/KG	.	2.62	0.80
1388	ALDRIN	4	16815	.	0.78	UG/KG	.	-0.25	25.60
1389	ALDRIN	4	16835	.	8.33	UG/KG	.	2.12	34.80
1401	ALDRIN	4	16802	.	17.00	UG/KG	.	2.83	1.00
1407	ALDRIN	4	16842	.	9.04	UG/KG	.	2.20	37.40
1408	ALDRIN	4	16540	.	1.59	UG/KG	.	0.46	15.10
1414	ALDRIN	4	16744	.	12.63	UG/KG	.	2.54	1.90
1415	ALDRIN	4	16750	.	22.00	UG/KG	.	3.09	0.50
1417	ALDRIN	4	16742	.	7.33	UG/KG	.	1.99	1.50
1420	ALDRIN	4	16864	.	10.47	UG/KG	.	2.35	10.70
1427	ALDRIN	4	16867	18.52	.	UG/KG	2.92	.	52.80
1430	ALDRIN	4	16537	.	5.12	UG/KG	.	1.63	66.00
1431	ALDRIN	4	16538	.	9.31	UG/KG	.	2.23	20.30
1432	ALDRIN	4	16539	.	8.02	UG/KG	.	2.08	42.00
1441	ALDRIN	4	16798	.	9.29	UG/KG	.	2.23	2.80
1442	ALDRIN	4	16797	.	5.20	UG/KG	.	1.65	64.00
1445	ALDRIN	4	16871	.	17.65	UG/KG	.	2.87	1.70
1455	ALDRIN	4	16837	.	7.57	UG/KG	.	2.02	44.80
1459	ALDRIN	4	16747	.	16.25	UG/KG	.	2.79	0.80
1461	ALDRIN	4	16852	.	86.96	UG/KG	.	4.47	0.23
1464	ALDRIN	4	16876	.	16.60	UG/KG	.	2.81	19.10
1465	ALDRIN	4	16877	.	7.50	UG/KG	.	2.01	4.80
1466	ALDRIN	4	17026	.	11.74	UG/KG	.	2.46	2.30
1467	ALDRIN	4	17030	.	20.83	UG/KG	.	3.04	1.20
1468	ALDRIN	4	17151	.	8.43	UG/KG	.	2.13	39.50
1470	ALDRIN	4	16880	.	10.00	UG/KG	.	2.30	1.20
1478	ALDRIN	4	17060	.	5.59	UG/KG	.	1.72	3.40
1488	ALDRIN	4	17029	.	5.45	UG/KG	.	1.70	62.40
1491	ALDRIN	4	[illegible]	.	41.67	UG/KG	.	3.73	0.48
1496	ALDRIN	4	[illegible]	.	9.20	UG/KG	.	2.22	2.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=ALDRIN STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1501	ALDRIN	4	17074	.	9.57	UG/KG	.	2.26	9.40
1506	ALDRIN	4	17153	.	8.40	UG/KG	.	2.13	37.50
1509	ALDRIN	4	17042	.	7.14	UG/KG	.	1.97	47.60
1512	ALDRIN	4	17138	.	12.66	UG/KG	.	2.54	14.30
1516	ALDRIN	4	17004	.	13.00	UG/KG	.	2.56	1.00
1527	ALDRIN	4	17040	.	4.37	UG/KG	.	1.48	72.70
1532	ALDRIN	4	17007	.	8.02	UG/KG	.	2.08	41.90
1539	ALDRIN	4		.	10.35	UG/KG	.	2.34	1.07
1549	ALDRIN	4	17048	.	9.84	UG/KG	.	2.29	6.30
1551	ALDRIN	4		.	20.83	UG/KG	.	3.04	0.60
1555	ALDRIN	4	17035	.	12.35	UG/KG	.	2.51	5.10

---------- ANALYTE=ARSENIC STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	ARSENIC	1	16821	6.10	.	MG/KG	1.81	.	11.90
1391	ARSENIC	1	16885	.	9.10	MG/KG	.	2.21	21.80
1419	ARSENIC	1	16739	16.50	.	MG/KG	2.80	.	44.00
1436	ARSENIC	1	17036	10.30	.	MG/KG	2.33	.	38.20
1436	ARSENIC	1	17145	3.30	.	MG/KG	1.19	.	39.90
1436	ARSENIC	1	17149	3.80	.	MG/KG	1.34	.	40.90
1437	ARSENIC	1	17033	6.90	.	MG/KG	1.93	.	16.30
1438	ARSENIC	1	17034	13.00	.	MG/KG	2.56	.	19.10
1451	ARSENIC	1	16887	.	36.40	MG/KG	.	3.59	1.10
1452	ARSENIC	1	16889	13.10	.	MG/KG	2.57	.	61.80
1452	ARSENIC	1	16890	16.80	.	MG/KG	2.82	.	63.40
1469	ARSENIC	1		9.40	8.50	MG/KG	2.24	2.14	23.90
1471	ARSENIC	1	17046	2.70	.	MG/KG	0.99	.	25.30
1471	ARSENIC	1	17052	6.80	.	MG/KG	1.92	.	20.90
1530	ARSENIC	1	17020	7.00	.	MG/KG	1.95	.	32.60
1530	ARSENIC	1	17038	9.60	.	MG/KG	2.26	.	9.30
1533	ARSENIC	1	17022	.	2.40	MG/KG	.	0.88	2.10
1534	ARSENIC	1	17081	10.30	.	MG/KG	2.33	.	75.00
1543	ARSENIC	1	17065	2.50	.	MG/KG	0.92	.	15.00
1543	ARSENIC	1	17130	2.40	.	MG/KG	0.88	.	50.50
1543	ARSENIC	1	17141	6.70	.	MG/KG	1.90	.	18.10
1550	ARSENIC	1		2.10	6.10	MG/KG	0.74	1.81	10.40
1552	ARSENIC	1		8.85	.	MG/KG	2.18	.	3.80
1553	ARSENIC	1	16884	7.00	.	MG/KG	1.95	.	2.00
1556	ARSENIC	1	16896	.	55.60	MG/KG	.	4.02	1.80
1559	ARSENIC	1		.	11.95	MG/KG	.	2.48	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=ARSENIC STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	ARSENIC	2	16527	6.10	.	MG/KG	1.81	.	19.20
1365	ARSENIC	2	16528	5.40	.	MG/KG	1.69	.	3.00
1366	ARSENIC	2	16814	4.10	.	MG/KG	1.41	.	25.00
1369	ARSENIC	2	16818	4.30	.	MG/KG	1.46	.	17.80
1380	ARSENIC	2		5.30	.	MG/KG	1.67	.	30.55
1390	ARSENIC	2	16834	13.20	.	MG/KG	2.58	.	32.20
1392	ARSENIC	2		5.10	.	MG/KG	1.63	.	21.55
1393	ARSENIC	2	16529	20.00	.	MG/KG	3.00	.	5.10
1399	ARSENIC	2		6.95	.	MG/KG	1.94	.	4.15
1400	ARSENIC	2	16810	.	5.20	MG/KG	.	1.65	2.30
1403	ARSENIC	2	16811	46.20	.	MG/KG	3.83	.	71.70
1410	ARSENIC	2	16833	14.90	.	MG/KG	2.70	.	30.80
1413	ARSENIC	2	17025	11.80	.	MG/KG	2.47	.	2.80
1413	ARSENIC	2	17061	7.40	.	MG/KG	2.00	.	18.10
1418	ARSENIC	2	16743	16.40	.	MG/KG	2.80	.	3.70
1421	ARSENIC	2		.	21.60	MG/KG	.	3.07	1.85
1422	ARSENIC	2	16831	2.20	.	MG/KG	0.79	.	18.30
1423	ARSENIC	2	16832	9.30	.	MG/KG	2.23	.	20.40
1424	ARSENIC	2	16799	9.10	.	MG/KG	2.21	.	14.30
1426	ARSENIC	2	16868	.	12.90	MG/KG	.	2.56	3.10
1429	ARSENIC	2		3.80	5.80	MG/KG	1.34	1.76	17.05
1443	ARSENIC	2	16823	.	4.50	MG/KG	.	1.50	4.40
1443	ARSENIC	2	16825	8.60	.	MG/KG	2.15	.	3.90
1447	ARSENIC	2		8.10	18.50	MG/KG	2.09	2.92	3.60
1453	ARSENIC	2	16888	11.40	.	MG/KG	2.43	.	18.60
1454	ARSENIC	2	16838	7.80	.	MG/KG	2.05	.	38.30
1454	ARSENIC	2	16839	5.20	.	MG/KG	1.65	.	20.00
1456	ARSENIC	2	17021	34.70	.	MG/KG	3.55	.	2.00
1460	ARSENIC	2	16879	11.70	.	MG/KG	2.46	.	33.20
1463	ARSENIC	2	16873	23.10	.	MG/KG	3.14	.	3.80
1463	ARSENIC	2	16874	8.00	.	MG/KG	2.08	.	63.60
1481	ARSENIC	2	17136	.	6.70	MG/KG	.	1.90	14.80
1482	ARSENIC	2		7.00	5.00	MG/KG	1.95	1.61	19.90
1484	ARSENIC	2	17024	12.70	.	MG/KG	2.54	.	21.00
1485	ARSENIC	2	17132	201.80	.	MG/KG	5.31	.	4.64
1485	ARSENIC	2	17133	315.60	.	MG/KG	5.75	.	15.20
1493	ARSENIC	2		7.20	.	MG/KG	1.97	.	82.80
1495	ARSENIC	2	17155	4.40	.	MG/KG	1.48	.	44.30
1499	ARSENIC	2	17019	.	20.40	MG/KG	.	3.02	4.90
1500	ARSENIC	2		4.20	.	MG/KG	1.44	.	20.05
1503	ARSENIC	2	17079	1.20	.	MG/KG	0.18	.	31.90
1510	ARSENIC	2	17072	4.90	.	MG/KG	1.59	.	10.60
1514	ARSENIC	2	17085	0.60	.	MG/KG	-0.51	.	11.00
1515	ARSENIC	2		6.40	.	MG/KG	1.86	.	94.30
1520	ARSENIC	2	16855	2.80	.	MG/KG	1.03	.	41.10
1521	ARSENIC	2	16860	7.00	.	MG/KG	1.95	.	19.20
1522	ARSENIC	2	16853	3.90	.	MG/KG	1.36	.	17.50
1523	ARSENIC	2		3.30	.	MG/KG	1.19	.	50.00
1524	ARSENIC	2	16854	10.30	.	MG/KG	2.33	.	26.30
1524	ARSENIC	2	16856	7.60	.	MG/KG	2.03	.	23.60
1529	ARSENIC	2	17086	6.90	.	MG/KG	1.93	.	13.00
1535	ARSENIC	2	17088	.	2.40	MG/KG	.	0.88	2.80
1538	ARSENIC	2	17087	19.10	.	MG/KG	2.95	.	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=ARSENIC STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	ARSENIC	2	17093	12.70	.	MG/KG	2.54	.	24.40
1544	ARSENIC	2	16803	7.30	.	MG/KG	1.99	.	20.30
1545	ARSENIC	2	16805	5.50	.	MG/KG	1.70	.	20.60
1554	ARSENIC	2	17066	3.80	.	MG/KG	1.34	.	77.90
1554	ARSENIC	2	17071	2.70	.	MG/KG	0.99	.	27.90
1558	ARSENIC	2	16801	9.60	.	MG/KG	2.26	.	14.90
1564	ARSENIC	2	17043	4.90	.	MG/KG	1.59	.	25.50
1564	ARSENIC	2	17049	4.70	.	MG/KG	1.55	.	48.70

ANALYTE=ARSENIC STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	ARSENIC	3	16532	8.70	.	MG/KG	2.16	.	5.50
1367	ARSENIC	3	16533	8.90	.	MG/KG	2.19	.	16.30
1367	ARSENIC	3	16534	6.80	.	MG/KG	1.92	.	89.60
1370	ARSENIC	3	16817	17.30	.	MG/KG	2.85	.	14.20
1381	ARSENIC	3	16819	5.70	.	MG/KG	1.74	.	3.40
1382	ARSENIC	3	16816	5.20	.	MG/KG	1.65	.	74.50
1384	ARSENIC	3	16536	3.60	.	MG/KG	1.28	.	33.20
1385	ARSENIC	3	16886	9.80	.	MG/KG	2.28	.	4.30
1395	ARSENIC	3	16861	41.40	.	MG/KG	3.72	.	2.30
1395	ARSENIC	3	16862	40.90	.	MG/KG	3.71	.	19.10
1396	ARSENIC	3	16830	15.60	.	MG/KG	2.75	.	3.20
1397	ARSENIC	3	16851	19.10	.	MG/KG	2.95	.	7.80
1402	ARSENIC	3	16809	7.30	.	MG/KG	1.99	.	1.40
1404	ARSENIC	3		21.45	.	MG/KG	3.07	.	2.00
1405	ARSENIC	3	16843	7.20	.	MG/KG	1.97	.	15.20
1405	ARSENIC	3	16844	18.00	.	MG/KG	2.89	.	53.80
1406	ARSENIC	3	16841	3.50	.	MG/KG	1.25	.	1.60
1409	ARSENIC	3		4.05	.	MG/KG	1.40	.	4.55
1411	ARSENIC	3	16826	12.90	.	MG/KG	2.56	.	80.90
1412	ARSENIC	3	16829	13.80	.	MG/KG	2.62	.	3.50
1416	ARSENIC	3		5.70	5.50	MG/KG	1.74	1.70	35.80
1425	ARSENIC	3	16878	7.40	.	MG/KG	2.00	.	19.50
1428	ARSENIC	3	16869	.	80.00	MG/KG	.	4.38	0.50
1433	ARSENIC	3	16800	8.60	.	MG/KG	2.15	.	89.30
1434	ARSENIC	3	16806	7.80	.	MG/KG	2.05	.	17.70
1435	ARSENIC	3	17016	21.30	.	MG/KG	3.06	.	65.40
1439	ARSENIC	3	17047	3.60	.	MG/KG	1.28	.	10.10
1440	ARSENIC	3	17050	1.40	.	MG/KG	0.34	.	19.10
1448	ARSENIC	3	16745	7.20	.	MG/KG	1.97	.	62.60
1448	ARSENIC	3	16746	1.40	.	MG/KG	0.34	.	10.90
1449	ARSENIC	3		3.15	.	MG/KG	1.15	.	2.35
1462	ARSENIC	3	16849	17.30	.	MG/KG	2.85	.	7.20
1472	ARSENIC	3		5.70	.	MG/KG	1.74	.	20.45
1474	ARSENIC	3	17031	15.20	.	MG/KG	2.72	.	15.20
1475	ARSENIC	3	17028	7.50	.	MG/KG	2.01	.	30.70
1476	ARSENIC	3		4.40	.	MG/KG	1.48	.	23.50
1479	ARSENIC	3	17144	4.50	.	MG/KG	1.50	.	30.10
1479	ARSENIC	3	17150		2.30	MG/KG		0.83	1.76
1480	ARSENIC	3	17044	10.00	.	MG/KG	2.30	.	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=ARSENIC STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	ARSENIC	3	17131	17.90	.	MG/KG	2.88	.	2.60
1487	ARSENIC	3	17023	2.70	.	MG/KG	0.99	.	14.50
1489	ARSENIC	3	17041	1.30	.	MG/KG	0.26	.	34.10
1490	ARSENIC	3	17027	6.70	.	MG/KG	1.90	.	2.00
1492	ARSENIC	3	17010	16.50	.	MG/KG	2.80	.	60.20
1497	ARSENIC	3	17015	.	20.00	MG/KG	.	3.00	0.19
1498	ARSENIC	3		9.65	.	MG/KG	2.27	.	4.50
1502	ARSENIC	3	17073	.	2.30	MG/KG	.	0.83	2.90
1504	ARSENIC	3	17078	.	4.30	MG/KG	.	1.46	0.93
1505	ARSENIC	3	17152	6.80	.	MG/KG	1.92	.	26.20
1507	ARSENIC	3	17154	4.50	.	MG/KG	1.50	.	67.30
1508	ARSENIC	3	17084	.	1.80	MG/KG	.	0.59	2.70
1511	ARSENIC	3	17139	5.10	.	MG/KG	1.63	.	41.60
1513	ARSENIC	3	17083	.	3.10	MG/KG	.	1.13	1.29
1517	ARSENIC	3	17002	16.80	.	MG/KG	2.82	.	53.70
1518	ARSENIC	3	17003	16.70	.	MG/KG	2.82	.	65.60
1519	ARSENIC	3	17005	9.90	.	MG/KG	2.29	.	11.80
1525	ARSENIC	3	17001	5.40	.	MG/KG	1.69	.	59.20
1526	ARSENIC	3		3.05	.	MG/KG	1.12	.	27.75
1537	ARSENIC	3	17090	2.90	.	MG/KG	1.06	.	17.30
1541	ARSENIC	3	17091	3.00	.	MG/KG	1.10	.	5.00
1542	ARSENIC	3	17089	17.60	.	MG/KG	2.87	.	76.80
1546	ARSENIC	3	16804	24.90	.	MG/KG	3.21	.	22.60
1547	ARSENIC	3	17070	.	4.40	MG/KG	.	1.48	45.10
1548	ARSENIC	3	17067	8.30	.	MG/KG	2.12	.	18.10
1560	ARSENIC	3	16883	25.30	.	MG/KG	3.23	.	71.40
1561	ARSENIC	3	16891	.	18.20	MG/KG	.	2.90	2.20
1561	ARSENIC	3	16892	5.30	.	MG/KG	1.67	.	68.30
1563	ARSENIC	3	17143	.	2.50	MG/KG	.	0.92	2.65
1565	ARSENIC	3	17057	.	5.30	MG/KG	.	1.67	0.75
1566	ARSENIC	3		.	4.35	MG/KG	.	1.47	1.15

ANALYTE=ARSENIC STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	ARSENIC	4	16525	4.70	.	MG/KG	1.55	.	100.00
1363	ARSENIC	4	16526	2.00	.	MG/KG	0.69	.	0.80
1388	ARSENIC	4	16815	.	0.20	MG/KG	.	-1.61	25.60
1389	ARSENIC	4	16835	7.90	.	MG/KG	2.07	.	34.80
1401	ARSENIC	4	16802	1.50	.	MG/KG	0.41	.	1.00
1407	ARSENIC	4	16842	.	5.30	MG/KG	.	1.67	37.40
1408	ARSENIC	4	16540	0.30	.	MG/KG	-1.20	.	15.10
1414	ARSENIC	4	16744	14.00	.	MG/KG	2.64	.	1.90
1415	ARSENIC	4	16750	.	8.00	MG/KG	.	2.08	0.50
1417	ARSENIC	4	16742	61.70	.	MG/KG	4.12	.	1.50
1420	ARSENIC	4	16864	.	9.40	MG/KG	.	2.24	10.70
1427	ARSENIC	4	16867	2.50	.	MG/KG	0.92	.	52.80
1430	ARSENIC	4	16537	1.60	.	MG/KG	0.47	.	66.00
1431	ARSENIC	4	16538	3.20	.	MG/KG	1.16	.	20.30
1432	ARSENIC	4	16539	5.80	.	MG/KG	1.76	.	42.00
1441	ARSENIC	4	16798	11.80	.	MG/KG	2.47	.	2.80

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=ARSENIC STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1442	ARSENIC	4	16797	2.30	.	MG/KG	0.83	.	64.00
1445	ARSENIC	4	16871	2.70	.	MG/KG	0.99	.	1.70
1455	ARSENIC	4	16837	21.00	.	MG/KG	3.04	.	44.80
1459	ARSENIC	4	16747	19.50	.	MG/KG	2.97	.	0.80
1461	ARSENIC	4	16852	.	8.70	MG/KG	.	2.16	0.23
1464	ARSENIC	4	16876	61.50	.	MG/KG	4.12	.	19.10
1465	ARSENIC	4	16877	3.80	.	MG/KG	1.34	.	4.80
1466	ARSENIC	4	17026	44.10	.	MG/KG	3.79	.	2.30
1467	ARSENIC	4	17030	.	3.30	MG/KG	.	1.19	1.20
1468	ARSENIC	4	17151	5.50	.	MG/KG	1.70	.	39.50
1470	ARSENIC	4	16880	4.30	.	MG/KG	1.46	.	1.20
1478	ARSENIC	4	17060	4.60	.	MG/KG	1.53	.	3.40
1488	ARSENIC	4	17029	5.30	.	MG/KG	1.67	.	62.40
1491	ARSENIC	4	17011	.	8.30	MG/KG	.	2.12	0.48
1496	ARSENIC	4	17075	4.90	.	MG/KG	1.59	.	2.50
1501	ARSENIC	4	17074	2.60	.	MG/KG	0.96	.	9.40
1506	ARSENIC	4	17153	2.80	.	MG/KG	1.03	.	37.50
1509	ARSENIC	4	17042	6.00	.	MG/KG	1.79	.	47.60
1512	ARSENIC	4	17138	7.30	.	MG/KG	1.99	.	14.30
1516	ARSENIC	4	17004	6.20	.	MG/KG	1.82	.	1.00
1527	ARSENIC	4	17040	2.60	.	MG/KG	0.96	.	72.70
1532	ARSENIC	4	17007	6.70	.	MG/KG	1.90	.	41.90
1539	ARSENIC	4		41.50	.	MG/KG	3.73	.	1.07
1549	ARSENIC	4	17048	5.20	.	MG/KG	1.65	.	6.30
1551	ARSENIC	4		.	7.00	MG/KG	.	1.95	0.60
1555	ARSENIC	4	17035	.	9.80	MG/KG	.	2.28	5.10

ANALYTE=BENZENE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	BENZENE	1	16821	.	617.28	UG/KG	.	6.43	11.90
1391	BENZENE	1	16885	.	384.62	UG/KG	.	5.95	21.80
1419	BENZENE	1	16739	220.29	.	UG/KG	5.39	.	44.00
1436	BENZENE	1	17036	.	23.81	UG/KG	.	3.17	38.20
1436	BENZENE	1	17145	.	45.45	UG/KG	.	3.82	39.90
1436	BENZENE	1	17149	.	33.33	UG/KG	.	3.51	40.90
1437	BENZENE	1	17033	.	60.24	UG/KG	.	4.10	16.30
1438	BENZENE	1	17034	134.35	.	UG/KG	4.90	.	19.10
1451	BENZENE	1	16887	.	909.09	UG/KG	.	6.81	1.10
1452	BENZENE	1	16889	.	15.15	UG/KG	.	2.72	61.80
1452	BENZENE	1	16890	.	16.13	UG/KG	.	2.78	63.40
1469	BENZENE	1		.	384.62	UG/KG	.	5.95	23.90
1471	BENZENE	1	17046	.	41.67	UG/KG	.	3.73	25.30
1471	BENZENE	1	17052	.	50.00	UG/KG	.	3.91	20.90
1530	BENZENE	1	17020	.	18.52	UG/KG	.	2.92	32.60
1530	BENZENE	1	17038	.	10.20	UG/KG	.	2.32	9.30
1533	BENZENE	1	17022	.	1190.48	UG/KG	.	7.08	2.10
1534	BENZENE	1	17081	.	11.36	UG/KG	.	2.43	75.00
1543	BENZENE	1	17065	.	71.43	UG/KG	.	4.27	15.00
1543	BENZENE	1	17130	.	18.52	UG/KG	.	2.92	50.50
1543	BENZENE	1	17141	.	62.50	UG/KG	.	4.14	18.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BENZENE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1550	BENZENE	1		.	1388.89	UG/KG	.	7.24	10.40
1552	BENZENE	1		.	2173.91	UG/KG	.	7.68	3.80
1553	BENZENE	1	16884	.	500.00	UG/KG	.	6.21	2.00
1556	BENZENE	1	16896	.	5952.38	UG/KG	.	8.69	1.80
1559	BENZENE	1		.	106.43	UG/KG	.	4.67	8.45

ANALYTE=BENZENE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	BENZENE	2	16527	.	8771.93	UG/KG	.	9.08	19.20
1365	BENZENE	2	16528	.	1923.08	UG/KG	.	7.56	3.00
1366	BENZENE	2	16814	.	357.14	UG/KG	.	5.88	25.00
1369	BENZENE	2	16818	.	5681.82	UG/KG	.	8.65	17.80
1380	BENZENE	2		.	30.33	UG/KG	.	3.41	30.55
1390	BENZENE	2	16834	.	357.14	UG/KG	.	5.88	32.20
1392	BENZENE	2		.	11634.20	UG/KG	.	9.36	21.55
1393	BENZENE	2	16529	.	1923.08	UG/KG	.	7.56	5.10
1399	BENZENE	2		.	2440.48	UG/KG	.	7.80	4.15
1400	BENZENE	2	16810	.	500.00	UG/KG	.	6.21	2.30
1403	BENZENE	2	16811	.	15.63	UG/KG	.	2.75	71.70
1410	BENZENE	2	16833	.	515.46	UG/KG	.	6.25	30.80
1413	BENZENE	2	17025	.	294.12	UG/KG	.	5.68	2.80
1413	BENZENE	2	17061	.	54.95	UG/KG	.	4.01	18.10
1418	BENZENE	2	16743	.	847.46	UG/KG	.	6.74	3.70
1421	BENZENE	2		.	500.00	UG/KG	.	6.21	1.85
1422	BENZENE	2	16831	.	500.00	UG/KG	.	6.21	18.30
1423	BENZENE	2	16832	.	50.00	UG/KG	.	3.91	20.40
1424	BENZENE	2	16799	.	68.49	UG/KG	.	4.23	14.30
1426	BENZENE	2	16868	.	3125.00	UG/KG	.	8.05	3.10
1429	BENZENE	2		.	57.48	UG/KG	.	4.05	17.05
1443	BENZENE	2	16823	.	217.39	UG/KG	.	5.38	4.40
1443	BENZENE	2	16825	.	217.39	UG/KG	.	5.38	3.90
1447	BENZENE	2		.	625.00	UG/KG	.	6.44	3.60
1453	BENZENE	2	16888	.	5000.00	UG/KG	.	8.52	18.60
1454	BENZENE	2	16838	.	333.33	UG/KG	.	5.81	38.30
1454	BENZENE	2	16839	.	609.76	UG/KG	.	6.41	20.00
1456	BENZENE	2	17021	.	357.14	UG/KG	.	5.88	2.00
1460	BENZENE	2	16879	.	25.00	UG/KG	.	3.22	33.20
1463	BENZENE	2	16873	.	250.00	UG/KG	.	5.52	3.80
1463	BENZENE	2	16874	.	45.45	UG/KG	.	3.82	63.60
1481	BENZENE	2	17136	.	67.57	UG/KG	.	4.21	14.80
1482	BENZENE	2		.	51.55	UG/KG	.	3.94	19.90
1484	BENZENE	2	17024	.	454.55	UG/KG	.	6.12	21.00
1485	BENZENE	2	17132	.	384.62	UG/KG	.	5.95	4.64
1485	BENZENE	2	17133	.	632.91	UG/KG	.	6.45	15.20
1493	BENZENE	2		.	67.07	UG/KG	.	4.21	82.80
1495	BENZENE	2	17155	.	29.41	UG/KG	.	3.38	44.30
1499	BENZENE	2	17019	.	1020.41	UG/KG	.	6.93	4.90
1500	BENZENE	2		.	50.51	UG/KG	.	3.92	20.05
1503	BENZENE	2	17079	.	31.25	UG/KG	.	3.44	31.90
1510	BENZENE	2	17072	.	76.92	UG/KG	.	4.34	10.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BENZENE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1514	BENZENE	2	17085	.	116.28	UG/KG	.	4.76	11.00
1515	BENZENE	2		12.48	10.20	UG/KG	2.52	2.32	94.30
1520	BENZENE	2	16855	.	23.81	UG/KG	.	3.17	41.10
1521	BENZENE	2	16860	.	50.00	UG/KG	.	3.91	19.20
1522	BENZENE	2	16853	.	58.14	UG/KG	.	4.06	17.50
1523	BENZENE	2		.	20.13	UG/KG	.	3.00	50.00
1524	BENZENE	2	16854	.	45.45	UG/KG	.	3.82	26.30
1524	BENZENE	2	16856	.	45.45	UG/KG	.	3.82	23.60
1529	BENZENE	2	17086	.	29.41	UG/KG	.	3.38	13.00
1535	BENZENE	2	17088	.	892.86	UG/KG	.	6.79	2.80
1538	BENZENE	2	17087	.	10.00	UG/KG	.	2.30	70.50
1540	BENZENE	2	17093	.	10.64	UG/KG	.	2.36	24.40
1544	BENZENE	2	16803	.	500.00	UG/KG	.	6.21	20.30
1545	BENZENE	2	16805	.	454.55	UG/KG	.	6.12	20.60
1554	BENZENE	2	17066	.	13.51	UG/KG	.	2.60	77.90
1554	BENZENE	2	17071	.	38.17	UG/KG	.	3.64	27.90
1558	BENZENE	2	16801	.	561.80	UG/KG	.	6.33	14.90
1564	BENZENE	2	17043	.	41.67	UG/KG	.	3.73	25.50
1564	BENZENE	2	17049	.	20.00	UG/KG	.	3.00	48.70

ANALYTE=BENZENE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	BENZENE	3	16532	.	23809.53	UG/KG	.	10.08	5.50
1367	BENZENE	3	16533	.	71428.57	UG/KG	.	11.18	16.30
1367	BENZENE	3	16534	.	135.14	UG/KG	.	4.91	89.60
1370	BENZENE	3	16817	.	7575.76	UG/KG	.	8.93	14.20
1381	BENZENE	3	16819	.	31250.01	UG/KG	.	10.35	3.40
1382	BENZENE	3	16816	.	13.89	UG/KG	.	2.63	74.50
1384	BENZENE	3	16536	.	294.12	UG/KG	.	5.68	33.20
1385	BENZENE	3	16886	.	2083.33	UG/KG	.	7.64	4.30
1395	BENZENE	3	16861	.	384.62	UG/KG	.	5.95	2.30
1395	BENZENE	3	16862	.	50.00	UG/KG	.	3.91	19.10
1396	BENZENE	3	16830	.	5494.51	UG/KG	.	8.61	3.20
1397	BENZENE	3	16851	.	1190.48	UG/KG	.	7.08	7.80
1402	BENZENE	3	16809	.	769.23	UG/KG	.	6.65	1.40
1404	BENZENE	3		.	500.00	UG/KG	.	6.21	2.00
1405	BENZENE	3	16843	.	694.44	UG/KG	.	6.54	15.20
1405	BENZENE	3	16844	.	19.23	UG/KG	.	2.96	53.80
1406	BENZENE	3	16841	.	833.33	UG/KG	.	6.73	1.60
1409	BENZENE	3		.	2272.73	UG/KG	.	7.73	4.55
1411	BENZENE	3	16826	.	11.90	UG/KG	.	2.48	80.90
1412	BENZENE	3	16829	.	294.12	UG/KG	.	5.68	3.50
1416	BENZENE	3		.	272.06	UG/KG	.	5.61	35.80
1425	BENZENE	3	16878	.	531.91	UG/KG	.	6.28	19.50
1428	BENZENE	3	16869	.	2000.00	UG/KG	.	7.60	0.50
1433	BENZENE	3	16800	.	11.11	UG/KG	.	2.41	89.30
1434	BENZENE	3	16806	.	38.46	UG/KG	.	3.65	17.70
1435	BENZENE	3	17016	.	9.26	UG/KG	.	2.23	65.40
1439	BENZENE	3	17047	.	100.00	UG/KG	.	4.61	10.10
1440	BENZENE	3	17050	.	51.02	UG/KG	.	3.93	19.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BENZENE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	BENZENE	3	16745	.	15.63	UG/KG	.	2.75	62.60
1448	BENZENE	3	16746	.	1000.00	UG/KG	.	6.91	10.90
1449	BENZENE	3		.	458.13	UG/KG	.	6.13	2.35
1462	BENZENE	3	16849	.	1315.79	UG/KG	.	7.18	7.20
1472	BENZENE	3		.	47.73	UG/KG	.	3.87	20.45
1474	BENZENE	3	17031	.	64.94	UG/KG	.	4.17	15.20
1475	BENZENE	3	17028	.	33.33	UG/KG	.	3.51	30.70
1476	BENZENE	3		.	43.56	UG/KG	.	3.77	23.50
1479	BENZENE	3	17144	.	35.71	UG/KG	.	3.58	30.10
1479	BENZENE	3	17150	.	568.18	UG/KG	.	6.34	1.76
1480	BENZENE	3	17044	.	250.00	UG/KG	.	5.52	3.60
1486	BENZENE	3	17131	.	312.50	UG/KG	.	5.74	2.60
1487	BENZENE	3	17023	.	45.45	UG/KG	.	3.82	14.50
1489	BENZENE	3	17041	.	29.41	UG/KG	.	3.38	34.10
1490	BENZENE	3	17027	.	454.55	UG/KG	.	6.12	2.00
1492	BENZENE	3	17010	.	9.43	UG/KG	.	2.24	60.20
1497	BENZENE	3	17015	.	5263.16	UG/KG	.	8.57	0.19
1498	BENZENE	3		.	556.66	UG/KG	.	6.32	4.50
1502	BENZENE	3	17073	.	357.14	UG/KG	.	5.88	2.90
1504	BENZENE	3	17078	.	1000.00	UG/KG	.	6.91	0.93
1505	BENZENE	3	17152	.	35.71	UG/KG	.	3.58	26.20
1507	BENZENE	3	17154	.	14.71	UG/KG	.	2.69	67.30
1508	BENZENE	3	17084	.	370.37	UG/KG	.	5.91	2.70
1511	BENZENE	3	17139	.	41.67	UG/KG	.	3.73	41.60
1513	BENZENE	3	17083	.	775.19	UG/KG	.	6.65	1.29
1517	BENZENE	3	17002	.	16.67	UG/KG	.	2.81	53.70
1518	BENZENE	3	17003	.	14.29	UG/KG	.	2.66	65.60
1519	BENZENE	3	17005	.	64.94	UG/KG	.	4.17	11.80
1525	BENZENE	3	17001	.	22.73	UG/KG	.	3.12	59.20
1526	BENZENE	3		.	10.64	UG/KG	.	2.36	27.75
1537	BENZENE	3	17090	.	29.41	UG/KG	.	3.38	17.30
1541	BENZENE	3	17091	.	200.00	UG/KG	.	5.30	5.00
1542	BENZENE	3	17089	.	14.29	UG/KG	.	2.66	76.80
1546	BENZENE	3	16804	.	384.62	UG/KG	.	5.95	22.60
1547	BENZENE	3	17070	.	21.74	UG/KG	.	3.08	45.10
1548	BENZENE	3	17067	.	56.82	UG/KG	.	4.04	18.10
1560	BENZENE	3	16883	.	23.81	UG/KG	.	3.17	71.40
1561	BENZENE	3	16891	.	357.14	UG/KG	.	5.88	2.20
1561	BENZENE	3	16892	.	13.51	UG/KG	.	2.60	68.30
1563	BENZENE	3	17143	.	377.36	UG/KG	.	5.93	2.65
1565	BENZENE	3	17057	.	1666.67	UG/KG	.	7.42	0.75
1566	BENZENE	3		.	1704.55	UG/KG	.	7.44	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BENZENE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	BENZENE	4	16525	.	11.36	UG/KG	.	2.43	100.00
1362	BENZENE	4	16531	.	10.00	UG/KG	.	2.30	100.00
1363	BENZENE	4	16526	.	909.09	UG/KG	.	6.81	0.80
1388	BENZENE	4	16815	.	666.67	UG/KG	.	6.50	25.60
1389	BENZENE	4	16835	.	41.67	UG/KG	.	3.73	34.80
1401	BENZENE	4	16802	.	757.58	UG/KG	.	6.63	1.00
1407	BENZENE	4	16842	.	263.16	UG/KG	.	5.57	37.40
1408	BENZENE	4	16540	.	1428.57	UG/KG	.	7.26	15.10
1414	BENZENE	4	16744	.	537.63	UG/KG	.	6.29	1.90
1415	BENZENE	4	16750	.	1666.67	UG/KG	.	7.42	0.50
1417	BENZENE	4	16742	.	666.67	UG/KG	.	6.50	1.50
1420	BENZENE	4	16864	.	94.34	UG/KG	.	4.55	10.70
1427	BENZENE	4	16867	.	208.33	UG/KG	.	5.34	52.80
1430	BENZENE	4	16537	.	15.63	UG/KG	.	2.75	66.00
1431	BENZENE	4	16538	.	510.20	UG/KG	.	6.23	20.30
1432	BENZENE	4	16539	.	21.74	UG/KG	.	3.08	42.00
1441	BENZENE	4	16798	.	357.14	UG/KG	.	5.88	2.80
1442	BENZENE	4	16797	.	16.67	UG/KG	.	2.81	64.00
1445	BENZENE	4	16871	.	500.00	UG/KG	.	6.21	1.70
1455	BENZENE	4	16837	.	23.81	UG/KG	.	3.17	44.80
1459	BENZENE	4	16747	.	1428.57	UG/KG	.	7.26	0.80
1461	BENZENE	4	16852	.	5000.00	UG/KG	.	8.52	0.23
1464	BENZENE	4	16876	.	22.73	UG/KG	.	3.12	19.10
1465	BENZENE	4	16877	.	2173.91	UG/KG	.	7.68	4.80
1466	BENZENE	4	17026	.	549.45	UG/KG	.	6.31	2.30
1467	BENZENE	4	17030	.	909.09	UG/KG	.	6.81	1.20
1468	BENZENE	4	17151	.	35.71	UG/KG	.	3.58	39.50
1470	BENZENE	4	16880	.	909.09	UG/KG	.	6.81	1.20
1478	BENZENE	4	17060	.	312.50	UG/KG	.	5.74	3.40
1488	BENZENE	4	17029	.	16.67	UG/KG	.	2.81	62.40
1491	BENZENE	4	17011	.	2083.33	UG/KG	.	7.64	0.48
1496	BENZENE	4	17075	.	416.67	UG/KG	.	6.03	2.50
1501	BENZENE	4	17074	.	131.58	UG/KG	.	4.88	9.40
1506	BENZENE	4	17153	.	31.25	UG/KG	.	3.44	37.50
1509	BENZENE	4	17042	.	35.71	UG/KG	.	3.58	47.60
1512	BENZENE	4	17138	.	59.52	UG/KG	.	4.09	14.30
1516	BENZENE	4	17004	.	1000.00	UG/KG	.	6.91	1.00
1527	BENZENE	4	17040	.	12.82	UG/KG	.	2.55	72.70
1532	BENZENE	4	17007	.	22.73	UG/KG	.	3.12	41.90
1539	BENZENE	4		.	2084.78	UG/KG	.	7.64	1.07
1549	BENZENE	4	17048	.	166.67	UG/KG	.	5.12	6.30
1551	BENZENE	4		.	740.20	UG/KG	.	6.61	0.60
1555	BENZENE	4	17035	.	3125.00	UG/KG	.	8.05	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BENZO(A)PYRENE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	BENZO(A)PYRENE	1	16821	.	25641.03	UG/KG	.	10.15	11.90
1391	BENZO(A)PYRENE	1	16885	.	14492.75	UG/KG	.	9.58	21.80
1419	BENZO(A)PYRENE	1	16739	.	7692.31	UG/KG	.	8.95	44.00
1436	BENZO(A)PYRENE	1	17036	.	833.33	UG/KG	.	6.73	38.20
1436	BENZO(A)PYRENE	1	17145	.	333.33	UG/KG	.	5.81	39.90
1436	BENZO(A)PYRENE	1	17149	.	344.83	UG/KG	.	5.84	40.90
1437	BENZO(A)PYRENE	1	17033	.	20408.17	UG/KG	.	9.92	16.30
1438	BENZO(A)PYRENE	1	17034	.	18181.82	UG/KG	.	9.81	19.10
1451	BENZO(A)PYRENE	1	16887	.	4545.45	UG/KG	.	8.42	1.10
1452	BENZO(A)PYRENE	1	16889	.	5263.16	UG/KG	.	8.57	61.80
1452	BENZO(A)PYRENE	1	16890	.	5555.56	UG/KG	.	8.62	63.40
1469	BENZO(A)PYRENE	1		.	13701.20	UG/KG	.	9.53	23.90
1471	BENZO(A)PYRENE	1	17046	.	1351.35	UG/KG	.	7.21	25.30
1471	BENZO(A)PYRENE	1	17052	.	15873.02	UG/KG	.	9.67	20.90
1530	BENZO(A)PYRENE	1	17020	.	333.33	UG/KG	.	5.81	32.60
1530	BENZO(A)PYRENE	1	17038	.	333.33	UG/KG	.	5.81	9.30
1533	BENZO(A)PYRENE	1	17022	.	476.19	UG/KG	.	6.17	2.10
1534	BENZO(A)PYRENE	1	17081	.	434.78	UG/KG	.	6.07	75.00
1543	BENZO(A)PYRENE	1	17065	.	476.19	UG/KG	.	6.17	15.00
1543	BENZO(A)PYRENE	1	17130	.	400.00	UG/KG	.	5.99	50.50
1543	BENZO(A)PYRENE	1	17141	.	384.62	UG/KG	.	5.95	18.10
1550	BENZO(A)PYRENE	1		.	7738.10	UG/KG	.	8.95	10.40
1552	BENZO(A)PYRENE	1		.	4551.28	UG/KG	.	8.42	3.80
1553	BENZO(A)PYRENE	1	16884	.	1587.30	UG/KG	.	7.37	2.00
1556	BENZO(A)PYRENE	1	16896	.	2222.22	UG/KG	.	7.71	1.80
1559	BENZO(A)PYRENE	1		.	3509.85	UG/KG	.	8.16	8.45

ANALYTE=BENZO(A)PYRENE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	BENZO(A)PYRENE	2	16527	.	23809.53	UG/KG	.	10.08	19.20
1365	BENZO(A)PYRENE	2	16528	.	111111.14	UG/KG	.	11.62	3.00
1366	BENZO(A)PYRENE	2	16814	.	1449.28	UG/KG	.	7.28	25.00
1369	BENZO(A)PYRENE	2	16818	.	18867.93	UG/KG	.	9.85	17.80
1380	BENZO(A)PYRENE	2		.	10204.08	UG/KG	.	9.23	30.55
1390	BENZO(A)PYRENE	2	16834	.	12987.01	UG/KG	.	9.47	32.20
1392	BENZO(A)PYRENE	2		.	42572.47	UG/KG	.	10.66	21.55
1393	BENZO(A)PYRENE	2	16529	.	66666.67	UG/KG	.	11.11	5.10
1399	BENZO(A)PYRENE	2		.	833.33	UG/KG	.	6.73	4.15
1400	BENZO(A)PYRENE	2	16810	.	16666.67	UG/KG	.	9.72	2.30
1403	BENZO(A)PYRENE	2	16811	.	5263.16	UG/KG	.	8.57	71.70
1410	BENZO(A)PYRENE	2	16833	.	17857.14	UG/KG	.	9.79	30.80
1413	BENZO(A)PYRENE	2	17025	.	1562.50	UG/KG	.	7.35	2.80
1413	BENZO(A)PYRENE	2	17061	.	19607.84	UG/KG	.	9.88	18.10
1418	BENZO(A)PYRENE	2	16743	.	28571.43	UG/KG	.	10.26	3.70
1421	BENZO(A)PYRENE	2		.	1666.67	UG/KG	.	7.42	1.85
1422	BENZO(A)PYRENE	2	16831	.	17241.38	UG/KG	.	9.76	18.30
1423	BENZO(A)PYRENE	2	16832	.	16666.67	UG/KG	.	9.72	20.40
1424	BENZO(A)PYRENE	2	16799	.	23255.82	UG/KG	.	10.05	14.30
1426	BENZO(A)PYRENE	2	16868	.	11494.25	UG/KG	.	9.35	3.10
1429	BENZO(A)PYRENE	2		.	19419.3[illegible]	UG/KG	.	9.87	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=BENZO(A)PYRENE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	BENZO(A)PYRENE	2	16823	.	7142.86	UG/KG	.	8.87	4.40
1443	BENZO(A)PYRENE	2	16825	.	4347.83	UG/KG	.	8.38	3.90
1447	BENZO(A)PYRENE	2		.	12500.00	UG/KG	.	9.43	3.60
1453	BENZO(A)PYRENE	2	16888	.	1851.85	UG/KG	.	7.52	18.60
1454	BENZO(A)PYRENE	2	16838	.	11235.96	UG/KG	.	9.33	38.30
1454	BENZO(A)PYRENE	2	16839	.	21739.13	UG/KG	.	9.99	20.00
1456	BENZO(A)PYRENE	2	17021	.	12500.00	UG/KG	.	9.43	2.00
1460	BENZO(A)PYRENE	2	16879	24329.17	.	UG/KG	10.10	.	33.20
1463	BENZO(A)PYRENE	2	16873	.	1282.05	UG/KG	.	7.16	3.80
1463	BENZO(A)PYRENE	2	16874	.	15873.02	UG/KG	.	9.67	63.60
1481	BENZO(A)PYRENE	2	17136	.	22222.22	UG/KG	.	10.01	14.80
1482	BENZO(A)PYRENE	2		.	16954.02	UG/KG	.	9.74	19.90
1484	BENZO(A)PYRENE	2	17024	.	153846.16	UG/KG	.	11.94	21.00
1485	BENZO(A)PYRENE	2	17132	.	19607.84	UG/KG	.	9.88	4.64
1485	BENZO(A)PYRENE	2	17133	.	217391.32	UG/KG	.	12.29	15.20
1493	BENZO(A)PYRENE	2		.	4166.67	UG/KG	.	8.33	82.80
1495	BENZO(A)PYRENE	2	17155	.	263.16	UG/KG	.	5.57	44.30
1499	BENZO(A)PYRENE	2	17019	.	322.58	UG/KG	.	5.78	4.90
1500	BENZO(A)PYRENE	2		.	14019.96	UG/KG	.	9.55	20.05
1503	BENZO(A)PYRENE	2	17079	.	1052.63	UG/KG	.	6.96	31.90
1510	BENZO(A)PYRENE	2	17072	.	1010.10	UG/KG	.	6.92	10.60
1514	BENZO(A)PYRENE	2	17085	.	1111.11	UG/KG	.	7.01	11.00
1515	BENZO(A)PYRENE	2		.	3571.43	UG/KG	.	8.18	94.30
1520	BENZO(A)PYRENE	2	16855	.	8333.33	UG/KG	.	9.03	41.10
1521	BENZO(A)PYRENE	2	16860	.	15873.02	UG/KG	.	9.67	19.20
1522	BENZO(A)PYRENE	2	16853	.	19607.84	UG/KG	.	9.88	17.50
1523	BENZO(A)PYRENE	2		.	6971.16	UG/KG	.	8.85	50.00
1524	BENZO(A)PYRENE	2	16854	.	15384.62	UG/KG	.	9.64	26.30
1524	BENZO(A)PYRENE	2	16856	.	15384.62	UG/KG	.	9.64	23.60
1529	BENZO(A)PYRENE	2	17086	.	500.00	UG/KG	.	6.21	13.00
1535	BENZO(A)PYRENE	2	17088	22440.85	.	UG/KG	10.02	.	2.80
1538	BENZO(A)PYRENE	2	17087	24703.22	.	UG/KG	10.11	.	70.50
1540	BENZO(A)PYRENE	2	17093	.	100.00	UG/KG	.	4.61	24.40
1544	BENZO(A)PYRENE	2	16803	.	18867.93	UG/KG	.	9.85	20.30
1545	BENZO(A)PYRENE	2	16805	.	16949.15	UG/KG	.	9.74	20.60
1554	BENZO(A)PYRENE	2	17066	.	4545.45	UG/KG	.	8.42	77.90
1554	BENZO(A)PYRENE	2	17071	.	12820.51	UG/KG	.	9.46	27.90
1558	BENZO(A)PYRENE	2	16801	.	21276.60	UG/KG	.	9.97	14.90
1564	BENZO(A)PYRENE	2	17043	.	13513.51	UG/KG	.	9.51	25.50
1564	BENZO(A)PYRENE	2	17049	.	6250.00	UG/KG	.	8.74	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=BENZO(A)PYRENE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	BENZO(A)PYRENE	3	16532	.	7692.31	UG/KG	.	8.95	5.50
1367	BENZO(A)PYRENE	3	16533	.	23809.53	UG/KG	.	10.08	16.30
1367	BENZO(A)PYRENE	3	16534	.	4545.45	UG/KG	.	8.42	89.60
1370	BENZO(A)PYRENE	3	16817	.	2564.10	UG/KG	.	7.85	14.20
1381	BENZO(A)PYRENE	3	16819	.	10101.01	UG/KG	.	9.22	3.40
1382	BENZO(A)PYRENE	3	16816	.	454.55	UG/KG	.	6.12	74.50
1384	BENZO(A)PYRENE	3	16536	.	100000.04	UG/KG	.	11.51	33.20
1385	BENZO(A)PYRENE	3	16886	.	11904.76	UG/KG	.	9.38	4.30
1395	BENZO(A)PYRENE	3	16861	.	2000.00	UG/KG	.	7.60	2.30
1395	BENZO(A)PYRENE	3	16862	.	16129.03	UG/KG	.	9.69	19.10
1396	BENZO(A)PYRENE	3	16830	.	27777.78	UG/KG	.	10.23	3.20
1397	BENZO(A)PYRENE	3	16851	.	62500.01	UG/KG	.	11.04	7.80
1402	BENZO(A)PYRENE	3	16809	.	25641.03	UG/KG	.	10.15	1.40
1404	BENZO(A)PYRENE	3		.	16666.67	UG/KG	.	9.72	2.00
1405	BENZO(A)PYRENE	3	16843	.	2325.58	UG/KG	.	7.75	15.20
1405	BENZO(A)PYRENE	3	16844	.	6250.00	UG/KG	.	8.74	53.80
1406	BENZO(A)PYRENE	3	16841	.	10526.32	UG/KG	.	9.26	1.60
1409	BENZO(A)PYRENE	3		.	8333.33	UG/KG	.	9.03	4.55
1411	BENZO(A)PYRENE	3	16826	.	4000.00	UG/KG	.	8.29	80.90
1412	BENZO(A)PYRENE	3	16829	.	14705.88	UG/KG	.	9.60	3.50
1416	BENZO(A)PYRENE	3		.	9545.46	UG/KG	.	9.16	35.80
1425	BENZO(A)PYRENE	3	16878	.	18181.82	UG/KG	.	9.81	19.50
1428	BENZO(A)PYRENE	3	16869	.	6666.67	UG/KG	.	8.80	0.50
1433	BENZO(A)PYRENE	3	16800	.	3703.70	UG/KG	.	8.22	89.30
1434	BENZO(A)PYRENE	3	16806	.	1298.70	UG/KG	.	7.17	17.70
1435	BENZO(A)PYRENE	3	17016	.	322.58	UG/KG	.	5.78	65.40
1439	BENZO(A)PYRENE	3	17047	.	12345.68	UG/KG	.	9.42	10.10
1440	BENZO(A)PYRENE	3	17050	.	1754.39	UG/KG	.	7.47	19.10
1448	BENZO(A)PYRENE	3	16745	.	5263.16	UG/KG	.	8.57	62.60
1448	BENZO(A)PYRENE	3	16746	.	33333.34	UG/KG	.	10.41	10.90
1449	BENZO(A)PYRENE	3		.	1516.45	UG/KG	.	7.32	2.35
1462	BENZO(A)PYRENE	3	16849	.	6666.67	UG/KG	.	8.80	7.20
1472	BENZO(A)PYRENE	3		.	15268.07	UG/KG	.	9.63	20.45
1474	BENZO(A)PYRENE	3	17031	.	2127.66	UG/KG	.	7.66	15.20
1475	BENZO(A)PYRENE	3	17028	.	10989.01	UG/KG	.	9.30	30.70
1476	BENZO(A)PYRENE	3		.	1420.23	UG/KG	.	7.26	23.50
1479	BENZO(A)PYRENE	3	17144	.	322.58	UG/KG	.	5.78	30.10
1479	BENZO(A)PYRENE	3	17150	.	568.18	UG/KG	.	6.34	1.76
1480	BENZO(A)PYRENE	3	17044	.	8333.33	UG/KG	.	9.03	3.60
1486	BENZO(A)PYRENE	3	17131	.	1612.90	UG/KG	.	7.39	2.60
1487	BENZO(A)PYRENE	3	17023	.	21739.13	UG/KG	.	9.99	14.50
1489	BENZO(A)PYRENE	3	17041	.	10000.00	UG/KG	.	9.21	34.10
1490	BENZO(A)PYRENE	3	17027	.	16129.03	UG/KG	.	9.69	2.00
1492	BENZO(A)PYRENE	3	17010	.	333.33	UG/KG	.	5.81	60.20
1497	BENZO(A)PYRENE	3	17015	.	5263.16	UG/KG	.	8.57	0.19
1498	BENZO(A)PYRENE	3		.	686.84	UG/KG	.	6.53	4.50
1502	BENZO(A)PYRENE	3	17073	.	15625.00	UG/KG	.	9.66	2.90
1504	BENZO(A)PYRENE	3	17078	.	4761.91	UG/KG	.	8.47	0.93
1505	BENZO(A)PYRENE	3	17152	670.93	.	UG/KG	6.51	.	26.20
1507	BENZO(A)PYRENE	3	17154	.	384.62	UG/KG	.	5.95	67.30
1508	BENZO(A)PYRENE	3	17084	.	1183.29	UG/KG	.	7.08	2.70
1511	BENZO(A)PYRENE	3	17139	.	1204.82	UG/KG	.	7.09	41.60
1513	BENZO(A)PYRENE	3	17083	.	2008.27	UG/KG	.	7.61	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BENZO(A)PYRENE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	BENZO(A)PYRENE	3	17002	.	5882.35	UG/KG	.	8.68	53.70
1518	BENZO(A)PYRENE	3	17003	.	500.00	UG/KG	.	6.21	65.60
1519	BENZO(A)PYRENE	3	17005	.	2564.10	UG/KG	.	7.85	11.80
1525	BENZO(A)PYRENE	3	17001	.	7692.31	UG/KG	.	8.95	59.20
1526	BENZO(A)PYRENE	3		.	333.33	UG/KG	.	5.81	27.75
1537	BENZO(A)PYRENE	3	17090	.	370.37	UG/KG	.	5.91	17.30
1541	BENZO(A)PYRENE	3	17091	.	266.67	UG/KG	.	5.59	5.00
1542	BENZO(A)PYRENE	3	17089	1157.41	.	UG/KG	7.05	.	76.80
1546	BENZO(A)PYRENE	3	16804	.	15384.62	UG/KG	.	9.64	22.60
1547	BENZO(A)PYRENE	3	17070	.	7692.31	UG/KG	.	8.95	45.10
1548	BENZO(A)PYRENE	3	17067	.	18867.93	UG/KG	.	9.85	18.10
1560	BENZO(A)PYRENE	3	16883	.	7692.31	UG/KG	.	8.95	71.40
1561	BENZO(A)PYRENE	3	16891	.	1190.48	UG/KG	.	7.08	2.20
1561	BENZO(A)PYRENE	3	16892	.	454.55	UG/KG	.	6.12	68.30
1563	BENZO(A)PYRENE	3	17143	.	1090.63	UG/KG	.	6.99	2.65
1565	BENZO(A)PYRENE	3	17057	.	8333.33	UG/KG	.	9.03	0.75
1566	BENZO(A)PYRENE	3		.	8522.73	UG/KG	.	9.05	1.15

ANALYTE=BENZO(A)PYRENE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	BENZO(A)PYRENE	4	16525	.	3846.15	UG/KG	.	8.25	100.00
1362	BENZO(A)PYRENE	4	16531	.	333.33	UG/KG	.	5.81	100.00
1363	BENZO(A)PYRENE	4	16526	.	33333.34	UG/KG	.	10.41	0.80
1388	BENZO(A)PYRENE	4	16815	.	2222.22	UG/KG	.	7.71	25.60
1389	BENZO(A)PYRENE	4	16835	.	13698.63	UG/KG	.	9.53	34.80
1401	BENZO(A)PYRENE	4	16802	.	30303.03	UG/KG	.	10.32	1.00
1407	BENZO(A)PYRENE	4	16842	.	909.09	UG/KG	.	6.81	37.40
1408	BENZO(A)PYRENE	4	16540	.	2777.78	UG/KG	.	7.93	15.10
1414	BENZO(A)PYRENE	4	16744	.	1886.79	UG/KG	.	7.54	1.90
1415	BENZO(A)PYRENE	4	16750	.	7142.86	UG/KG	.	8.87	0.50
1417	BENZO(A)PYRENE	4	16742	.	2272.73	UG/KG	.	7.73	1.50
1420	BENZO(A)PYRENE	4	16864	.	31250.00	UG/KG	.	10.35	10.70
1427	BENZO(A)PYRENE	4	16867	.	769.23	UG/KG	.	6.65	52.80
1430	BENZO(A)PYRENE	4	16537	.	5263.16	UG/KG	.	8.57	66.00
1431	BENZO(A)PYRENE	4	16538	.	17543.86	UG/KG	.	9.77	20.30
1432	BENZO(A)PYRENE	4	16539	.	7142.86	UG/KG	.	8.87	42.00
1441	BENZO(A)PYRENE	4	16798	.	4761.91	UG/KG	.	8.47	2.80
1442	BENZO(A)PYRENE	4	16797	.	588.24	UG/KG	.	6.38	64.00
1445	BENZO(A)PYRENE	4	16871	.	16666.67	UG/KG	.	9.72	1.70
1455	BENZO(A)PYRENE	4	16837	.	7692.31	UG/KG	.	8.95	44.80
1459	BENZO(A)PYRENE	4	16747	.	4761.91	UG/KG	.	8.47	0.80
1461	BENZO(A)PYRENE	4	16852	.	16666.67	UG/KG	.	9.72	0.23
1464	BENZO(A)PYRENE	4	16876	.	714.29	UG/KG	.	6.57	19.10
1465	BENZO(A)PYRENE	4	16877	.	7692.31	UG/KG	.	8.95	4.80
1466	BENZO(A)PYRENE	4	17026	.	2702.70	UG/KG	.	7.90	2.30
1467	BENZO(A)PYRENE	4	17030	.	4545.45	UG/KG	.	8.42	1.20
1468	BENZO(A)PYRENE	4	17151	.	303.03	UG/KG	.	5.71	39.50
1470	BENZO(A)PYRENE	4	16880	.	3030.30	UG/KG	.	8.02	1.20
1478	BENZO(A)PYRENE	4	17060	.	10416.67	UG/KG	.	9.25	3.40
1488	BENZO(A)PYRENE	4	17029	.	5555.56	UG/KG	.	8.62	62.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BENZO(A)PYRENE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1491	BENZO(A)PYRENE	4	17011	.	2083.33	UG/KG	.	7.64	0.48
1496	BENZO(A)PYRENE	4	17075	.	4545.45	UG/KG	.	8.42	2.50
1501	BENZO(A)PYRENE	4	17074	.	43478.27	UG/KG	.	10.68	9.40
1506	BENZO(A)PYRENE	4	17153	.	312.50	UG/KG	.	5.74	37.50
1509	BENZO(A)PYRENE	4	17042	.	12048.19	UG/KG	.	9.40	47.60
1512	BENZO(A)PYRENE	4	17138	.	1123.60	UG/KG	.	7.02	14.30
1516	BENZO(A)PYRENE	4	17004	.	33333.34	UG/KG	.	10.41	1.00
1527	BENZO(A)PYRENE	4	17040	1054.78	.	UG/KG	6.96	.	72.70
1532	BENZO(A)PYRENE	4	17007	.	7692.31	UG/KG	.	8.95	41.90
1539	BENZO(A)PYRENE	4		.	1949.93	UG/KG	.	7.58	1.07
1549	BENZO(A)PYRENE	4	17048	.	833.33	UG/KG	.	6.73	6.30
1551	BENZO(A)PYRENE	4		.	27500.00	UG/KG	.	10.22	0.60
1555	BENZO(A)PYRENE	4	17035	.	2222.22	UG/KG	.	7.71	5.10

ANALYTE=BERYLLIUM STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	BERYLLIUM	1	16821	.	1.70	MG/KG	.	0.53	11.90
1391	BERYLLIUM	1	16885	.	0.90	MG/KG	.	-0.11	21.80
1419	BERYLLIUM	1	16739	0.50	.	MG/KG	-0.69	.	44.00
1436	BERYLLIUM	1	17036	0.50	.	MG/KG	-0.69	.	38.20
1436	BERYLLIUM	1	17145	0.50	.	MG/KG	-0.69	.	39.90
1436	BERYLLIUM	1	17149	0.70	.	MG/KG	-0.36	.	40.90
1437	BERYLLIUM	1	17033	.	0.60	MG/KG	.	-0.51	16.30
1438	BERYLLIUM	1	17034	.	0.50	MG/KG	.	-0.69	19.10
1451	BERYLLIUM	1	16887	.	3.60	MG/KG	.	1.28	1.10
1452	BERYLLIUM	1	16889	0.60	.	MG/KG	-0.51	.	61.80
1452	BERYLLIUM	1	16890	0.60	.	MG/KG	-0.51	.	63.40
1469	BERYLLIUM	1		.	0.80	MG/KG	.	-0.22	23.90
1471	BERYLLIUM	1	17046	.	0.80	MG/KG	.	-0.22	25.30
1471	BERYLLIUM	1	17052	0.50	.	MG/KG	-0.69	.	20.90
1530	BERYLLIUM	1	17020	.	0.60	MG/KG	.	-0.51	32.60
1530	BERYLLIUM	1	17038	.	0.70	MG/KG	.	-0.36	9.30
1533	BERYLLIUM	1	17022	.	2.40	MG/KG	.	0.88	2.10
1534	BERYLLIUM	1	17081	0.50	.	MG/KG	-0.69	.	75.00
1543	BERYLLIUM	1	17065	0.70	.	MG/KG	-0.36	.	15.00
1543	BERYLLIUM	1	17130	0.40	.	MG/KG	-0.92	.	50.50
1543	BERYLLIUM	1	17141	0.80	.	MG/KG	-0.22	.	18.10
1550	BERYLLIUM	1		.	0.30	MG/KG	.	-1.20	10.40
1552	BERYLLIUM	1		.	2.60	MG/KG	.	0.96	3.80
1553	BERYLLIUM	1	16884	.	5.00	MG/KG	.	1.61	2.00
1556	BERYLLIUM	1	16896	.	5.60	MG/KG	.	1.72	1.80
1559	BERYLLIUM	1		.	1.20	MG/KG	.	0.18	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=BERYLLIUM STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	BERYLLIUM	2	16527	.	1.00	MG/KG	.	0.00	19.20
1365	BERYLLIUM	2	16528	.	0.70	MG/KG	.	-0.36	3.00
1366	BERYLLIUM	2	16814	.	0.80	MG/KG	.	-0.22	25.00
1369	BERYLLIUM	2	16818	.	1.10	MG/KG	.	0.10	17.80
1380	BERYLLIUM	2		.	0.65	MG/KG	.	-0.43	30.55
1390	BERYLLIUM	2	16834	.	0.60	MG/KG	.	-0.51	32.20
1392	BERYLLIUM	2		.	0.65	MG/KG	.	-0.43	21.55
1393	BERYLLIUM	2	16529	.	0.80	MG/KG	.	-0.22	5.10
1399	BERYLLIUM	2		.	1.00	MG/KG	.	0.00	4.15
1400	BERYLLIUM	2	16810	.	1.70	MG/KG	.	0.53	2.30
1403	BERYLLIUM	2	16811	0.30	.	MG/KG	-1.20	.	71.70
1410	BERYLLIUM	2	16833	.	0.60	MG/KG	.	-0.51	30.80
1413	BERYLLIUM	2	17025	.	2.40	MG/KG	.	0.88	2.80
1413	BERYLLIUM	2	17061	.	0.60	MG/KG	.	-0.51	18.10
1418	BERYLLIUM	2	16743	.	1.10	MG/KG	.	0.10	3.70
1421	BERYLLIUM	2		.	2.15	MG/KG	.	0.77	1.85
1422	BERYLLIUM	2	16831	.	0.50	MG/KG	.	-0.69	18.30
1423	BERYLLIUM	2	16832	.	0.50	MG/KG	.	-0.69	20.40
1424	BERYLLIUM	2	16799	.	0.70	MG/KG	.	-0.36	14.30
1426	BERYLLIUM	2	16868	.	1.30	MG/KG	.	0.26	3.10
1429	BERYLLIUM	2		.	0.60	MG/KG	.	-0.51	17.05
1443	BERYLLIUM	2	16823	.	4.60	MG/KG	.	1.53	4.40
1443	BERYLLIUM	2	16825	.	1.00	MG/KG	.	0.00	3.90
1447	BERYLLIUM	2		.	1.90	MG/KG	.	0.64	3.60
1453	BERYLLIUM	2	16888	.	1.10	MG/KG	.	0.10	18.60
1454	BERYLLIUM	2	16838	.	0.50	MG/KG	.	-0.69	38.30
1454	BERYLLIUM	2	16839	.	1.00	MG/KG	.	0.00	20.00
1456	BERYLLIUM	2	17021	.	2.00	MG/KG	.	0.69	2.00
1460	BERYLLIUM	2	16879	0.90	.	MG/KG	-0.11	.	33.20
1463	BERYLLIUM	2	16873	.	2.60	MG/KG	.	0.96	3.80
1463	BERYLLIUM	2	16874	.	0.30	MG/KG	.	-1.20	63.60
1481	BERYLLIUM	2	17136	0.70	.	MG/KG	-0.36	.	14.80
1482	BERYLLIUM	2		.	0.25	MG/KG	.	-1.39	19.90
1484	BERYLLIUM	2	17024	0.50	.	MG/KG	-0.69	.	21.00
1485	BERYLLIUM	2	17132	1.60	.	MG/KG	0.47	.	4.64
1485	BERYLLIUM	2	17133	2.00	.	MG/KG	0.69	.	15.20
1493	BERYLLIUM	2		0.65	.	MG/KG	-0.43	.	82.80
1495	BERYLLIUM	2	17155	0.90	.	MG/KG	-0.11	.	44.30
1499	BERYLLIUM	2	17019	.	2.00	MG/KG	.	0.69	4.90
1500	BERYLLIUM	2		0.50	.	MG/KG	-0.69	.	20.05
1503	BERYLLIUM	2	17079	.	0.60	MG/KG	.	-0.51	31.90
1510	BERYLLIUM	2	17072	.	0.50	MG/KG	.	-0.69	10.60
1514	BERYLLIUM	2	17085	.	0.20	MG/KG	.	-1.61	11.00
1515	BERYLLIUM	2		0.20	.	MG/KG	-1.61	.	94.30
1520	BERYLLIUM	2	16855	0.50	.	MG/KG	-0.69	.	41.10
1521	BERYLLIUM	2	16860	.	1.00	MG/KG	.	0.00	19.20
1522	BERYLLIUM	2	16853	.	0.60	MG/KG	.	-0.51	17.50
1523	BERYLLIUM	2		0.40	.	MG/KG	-0.92	.	50.00
1524	BERYLLIUM	2	16854	.	0.40	MG/KG	.	-0.92	26.30
1524	BERYLLIUM	2	16856	.	0.80	MG/KG	.	-0.22	23.60
1529	BERYLLIUM	2	17086	.	0.40	MG/KG	.	-0.92	13.00
1535	BERYLLIUM	2	17088	.	1.20	MG/KG	.	0.18	2.80
1538	BERYLLIUM	2	17087	0.90	.	MG/KG	-0.11	.	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BERYLLIUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	BERYLLIUM	2	17093	.	0.20	MG/KG	.	-1.61	24.40
1544	BERYLLIUM	2	16803	.	0.50	MG/KG	.	-0.69	20.30
1545	BERYLLIUM	2	16805	.	1.00	MG/KG	.	0.00	20.60
1554	BERYLLIUM	2	17066	.	0.10	MG/KG	.	-2.30	77.90
1554	BERYLLIUM	2	17071	.	0.20	MG/KG	.	-1.61	27.90
1558	BERYLLIUM	2	16801	.	0.70	MG/KG	.	-0.36	14.90
1564	BERYLLIUM	2	17043	.	0.80	MG/KG	.	-0.22	25.50
1564	BERYLLIUM	2	17049	.	0.40	MG/KG	.	-0.92	48.70

ANALYTE=BERYLLIUM STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	BERYLLIUM	3	16532	0.50	.	MG/KG	-0.69	.	5.50
1367	BERYLLIUM	3	16533	.	1.20	MG/KG	.	0.18	16.30
1367	BERYLLIUM	3	16534	0.40	.	MG/KG	-0.92	.	89.60
1370	BERYLLIUM	3	16817	.	0.70	MG/KG	.	-0.36	14.20
1381	BERYLLIUM	3	16819	.	1.20	MG/KG	.	0.18	3.40
1382	BERYLLIUM	3	16816	0.50	.	MG/KG	-0.69	.	74.50
1384	BERYLLIUM	3	16536	.	0.60	MG/KG	.	-0.51	33.20
1385	BERYLLIUM	3	16886	.	2.30	MG/KG	.	0.83	4.30
1395	BERYLLIUM	3	16861	.	1.70	MG/KG	.	0.53	2.30
1395	BERYLLIUM	3	16862	.	0.50	MG/KG	.	-0.69	19.10
1396	BERYLLIUM	3	16830	1.30	.	MG/KG	0.26	.	3.20
1397	BERYLLIUM	3	16851	0.80	.	MG/KG	-0.22	.	7.80
1402	BERYLLIUM	3	16809	.	2.90	MG/KG	.	1.06	1.40
1404	BERYLLIUM	3		.	3.40	MG/KG	.	1.22	2.00
1405	BERYLLIUM	3	16843	.	1.30	MG/KG	.	0.26	15.20
1405	BERYLLIUM	3	16844	0.70	.	MG/KG	-0.36	.	53.80
1406	BERYLLIUM	3	16841	.	2.50	MG/KG	.	0.92	1.60
1409	BERYLLIUM	3		.	2.15	MG/KG	.	0.77	4.55
1411	BERYLLIUM	3	16826	0.70	.	MG/KG	-0.36	.	80.90
1412	BERYLLIUM	3	16829	.	1.10	MG/KG	.	0.10	3.50
1416	BERYLLIUM	3		.	0.60	MG/KG	.	-0.51	35.80
1425	BERYLLIUM	3	16878	.	1.00	MG/KG	.	0.00	19.50
1428	BERYLLIUM	3	16869	.	8.00	MG/KG	.	2.08	0.50
1433	BERYLLIUM	3	16800	0.30	.	MG/KG	-1.20	.	89.30
1434	BERYLLIUM	3	16806	.	1.10	MG/KG	.	0.10	17.70
1435	BERYLLIUM	3	17016	0.60	.	MG/KG	-0.51	.	65.40
1439	BERYLLIUM	3	17047	3.90	.	MG/KG	1.36	.	10.10
1440	BERYLLIUM	3	17050	.	0.50	MG/KG	.	-0.69	19.10
1448	BERYLLIUM	3	16745	.	0.30	MG/KG	.	-1.20	62.60
1448	BERYLLIUM	3	16746	.	0.40	MG/KG	.	-0.92	10.90
1449	BERYLLIUM	3		.	1.70	MG/KG	.	0.53	2.35
1462	BERYLLIUM	3	16849	.	1.40	MG/KG	.	0.34	7.20
1472	BERYLLIUM	3		.	0.50	MG/KG	.	-0.69	20.45
1474	BERYLLIUM	3	17031	1.60	.	MG/KG	0.47	.	15.20
1475	BERYLLIUM	3	17028	0.30	.	MG/KG	-1.20	.	30.70
1476	BERYLLIUM	3		.	0.40	MG/KG	.	-0.92	23.50
1479	BERYLLIUM	3	17144	0.70	.	MG/KG	-0.36	.	30.10
1479	BERYLLIUM	3	17150	.	1.10	MG/KG	.	0.10	1.76
1480	BERYLLIUM	3	17044	.	1.40	MG/KG	.	0.34	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BERYLLIUM STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	BERYLLIUM	3	17131	.	0.80	MG/KG	.	-0.22	2.60
1487	BERYLLIUM	3	17023	.	0.70	MG/KG	.	-0.36	14.50
1489	BERYLLIUM	3	17041	.	0.30	MG/KG	.	-1.20	34.10
1490	BERYLLIUM	3	17027	.	2.50	MG/KG	.	0.92	2.00
1492	BERYLLIUM	3	17010	0.70	.	MG/KG	-0.36	.	60.20
1497	BERYLLIUM	3	17015	.	21.00	MG/KG	.	3.04	0.19
1498	BERYLLIUM	3		.	1.45	MG/KG	.	0.37	4.50
1502	BERYLLIUM	3	17073	.	2.30	MG/KG	.	0.83	2.90
1504	BERYLLIUM	3	17078	.	4.30	MG/KG	.	1.46	0.93
1505	BERYLLIUM	3	17152	0.80	.	MG/KG	-0.22	.	26.20
1507	BERYLLIUM	3	17154	0.30	.	MG/KG	-1.20	.	67.30
1508	BERYLLIUM	3	17084	.	0.90	MG/KG	.	-0.11	2.70
1511	BERYLLIUM	3	17139	0.10	.	MG/KG	-2.30	.	41.60
1513	BERYLLIUM	3	17083	.	1.50	MG/KG	.	0.41	1.29
1517	BERYLLIUM	3	17002	0.40	.	MG/KG	-0.92	.	53.70
1518	BERYLLIUM	3	17003	0.30	.	MG/KG	-1.20	.	65.60
1519	BERYLLIUM	3	17005	0.80	.	MG/KG	-0.22	.	11.80
1525	BERYLLIUM	3	17001	0.30	.	MG/KG	-1.20	.	59.20
1526	BERYLLIUM	3		.	0.40	MG/KG	.	-0.92	27.75
1537	BERYLLIUM	3	17090	.	0.30	MG/KG	.	-1.20	17.30
1541	BERYLLIUM	3	17091	0.40	.	MG/KG	-0.92	.	5.00
1542	BERYLLIUM	3	17089	0.30	.	MG/KG	-1.20	.	76.80
1546	BERYLLIUM	3	16804	.	0.90	MG/KG	.	-0.11	22.60
1547	BERYLLIUM	3	17070	0.20	.	MG/KG	-1.61	.	45.10
1548	BERYLLIUM	3	17067	0.60	.	MG/KG	-0.51	.	18.10
1560	BERYLLIUM	3	16883	.	0.30	MG/KG	.	-1.20	71.40
1561	BERYLLIUM	3	16891	.	1.80	MG/KG	.	0.59	2.20
1561	BERYLLIUM	3	16892	.	0.30	MG/KG	.	-1.20	68.30
1563	BERYLLIUM	3	17143	.	1.30	MG/KG	.	0.26	2.65
1565	BERYLLIUM	3	17057	.	5.30	MG/KG	.	1.67	0.75
1566	BERYLLIUM	3		.	7.25	MG/KG	.	1.98	1.15

ANALYTE=BERYLLIUM STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	BERYLLIUM	4	16525	.	0.20	MG/KG	.	-1.61	100.00
1363	BERYLLIUM	4	16526	.	0.30	MG/KG	.	-1.20	0.80
1388	BERYLLIUM	4	16815	.	0.20	MG/KG	.	-1.61	25.60
1389	BERYLLIUM	4	16835	.	0.60	MG/KG	.	-0.51	34.80
1401	BERYLLIUM	4	16802	.	0.20	MG/KG	.	-1.61	1.00
1407	BERYLLIUM	4	16842	.	0.50	MG/KG	.	-0.69	37.40
1408	BERYLLIUM	4	16540	.	0.30	MG/KG	.	-1.20	15.10
1414	BERYLLIUM	4	16744	.	2.10	MG/KG	.	0.74	1.90
1415	BERYLLIUM	4	16750	.	8.00	MG/KG	.	2.08	0.50
1417	BERYLLIUM	4	16742	.	2.70	MG/KG	.	0.99	1.50
1420	BERYLLIUM	4	16864	.	0.90	MG/KG	.	-0.11	10.70
1427	BERYLLIUM	4	16867	.	0.40	MG/KG	.	-0.92	52.80
1430	BERYLLIUM	4	16537	0.50	.	MG/KG	-0.69	.	66.00
1431	BERYLLIUM	4	16538	0.50	.	MG/KG	-0.69	.	20.30
1432	BERYLLIUM	4	16539	.	0.50	MG/KG	.	-0.69	42.00
1441	BERYLLIUM	4	16798	.	0.70	MG/KG	.	-0.36	2.80

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NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=BERYLLIUM STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1442	BERYLLIUM	4	16797	0.50	.	MG/KG	-0.69	.	64.00
1445	BERYLLIUM	4	16871	.	2.40	MG/KG	.	0.88	1.70
1455	BERYLLIUM	4	16837	0.70	.	MG/KG	-0.36	.	44.80
1459	BERYLLIUM	4	16747	.	5.00	MG/KG	.	1.61	0.80
1461	BERYLLIUM	4	16852	.	8.70	MG/KG	.	2.16	0.23
1464	BERYLLIUM	4	16876	.	1.10	MG/KG	.	0.10	19.10
1465	BERYLLIUM	4	16877	.	2.10	MG/KG	.	0.74	4.80
1466	BERYLLIUM	4	17026	.	2.90	MG/KG	.	1.06	2.30
1467	BERYLLIUM	4	17030	.	3.30	MG/KG	.	1.19	1.20
1468	BERYLLIUM	4	17151	0.50	.	MG/KG	-0.69	.	39.50
1470	BERYLLIUM	4	16880	.	3.30	MG/KG	.	1.19	1.20
1478	BERYLLIUM	4	17060	.	2.00	MG/KG	.	0.69	3.40
1488	BERYLLIUM	4	17029	0.80	.	MG/KG	-0.22	.	62.40
1491	BERYLLIUM	4	17011	.	8.30	MG/KG	.	2.12	0.48
1496	BERYLLIUM	4	17075	.	2.70	MG/KG	.	0.99	2.50
1501	BERYLLIUM	4	17074	.	1.10	MG/KG	.	0.10	9.40
1506	BERYLLIUM	4	17153	0.40	.	MG/KG	-0.92	.	37.50
1509	BERYLLIUM	4	17042	1.00	.	MG/KG	0.00	.	47.60
1512	BERYLLIUM	4	17138	.	0.30	MG/KG	.	-1.20	14.30
1516	BERYLLIUM	4	17004	.	4.00	MG/KG	.	1.39	1.00
1527	BERYLLIUM	4	17040	.	0.30	MG/KG	.	-1.20	72.70
1532	BERYLLIUM	4	17007	.	0.50	MG/KG	.	-0.69	41.90
1539	BERYLLIUM	4		.	1.90	MG/KG	.	0.64	1.07
1549	BERYLLIUM	4	17048	.	1.10	MG/KG	.	0.10	6.30
1551	BERYLLIUM	4		.	7.00	MG/KG	.	1.95	0.60
1555	BERYLLIUM	4	17035	.	0.50	MG/KG	.	-0.69	5.10

ANALYTE=BIS(2-ETHYLHEXYL) PHTHALATE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	BIS(2-ETHYLHEXYL) PHTHALATE	1	16821	248569.23	.	UG/KG	12.42	.	11.90
1391	BIS(2-ETHYLHEXYL) PHTHALATE	1	16885	93276.81	.	UG/KG	11.44	.	21.80
1419	BIS(2-ETHYLHEXYL) PHTHALATE	1	16739	202736.92	.	UG/KG	12.22	.	44.00
1436	BIS(2-ETHYLHEXYL) PHTHALATE	1	17036	74533.33	.	UG/KG	11.22	.	38.20
1436	BIS(2-ETHYLHEXYL) PHTHALATE	1	17145	31228.27	.	UG/KG	10.35	.	39.90
1436	BIS(2-ETHYLHEXYL) PHTHALATE	1	17149	18447.90	.	UG/KG	9.82	.	40.90
1437	BIS(2-ETHYLHEXYL) PHTHALATE	1	17033	175110.20	.	UG/KG	12.07	.	16.30
1438	BIS(2-ETHYLHEXYL) PHTHALATE	1	17034	151140.00	.	UG/KG	11.93	.	19.10
1451	BIS(2-ETHYLHEXYL) PHTHALATE	1	16887	17320.91	.	UG/KG	9.76	.	1.10
1452	BIS(2-ETHYLHEXYL) PHTHALATE	1	16889	159012.63	.	UG/KG	11.98	.	61.80
1452	BIS(2-ETHYLHEXYL) PHTHALATE	1	16890	189091.11	.	UG/KG	12.15	.	63.40
1469	BIS(2-ETHYLHEXYL) PHTHALATE	1		102897.30	13888.89	UG/KG	11.54	9.54	23.90
1471	BIS(2-ETHYLHEXYL) PHTHALATE	1	17046	100723.38	.	UG/KG	11.52	.	25.30
1471	BIS(2-ETHYLHEXYL) PHTHALATE	1	17052	128800.00	.	UG/KG	11.77	.	20.90
1530	BIS(2-ETHYLHEXYL) PHTHALATE	1	17020	5325.67	.	UG/KG	8.58	.	32.60
1530	BIS(2-ETHYLHEXYL) PHTHALATE	1	17038	178467.67	.	UG/KG	12.09	.	9.30
1533	BIS(2-ETHYLHEXYL) PHTHALATE	1	17022	9463.33	.	UG/KG	9.16	.	2.10
1534	BIS(2-ETHYLHEXYL) PHTHALATE	1	17081	12567.39	.	UG/KG	9.44	.	75.00
1543	BIS(2-ETHYLHEXYL) PHTHALATE	1	17065	.	476.19	UG/KG	.	6.17	15.00
1543	BIS(2-ETHYLHEXYL) PHTHALATE	1	17130	.	400.00	UG/KG	.	5.99	50.50
1543	BIS(2-ETHYLHEXYL) PHTHALATE	1	17141	1550.35	.	UG/KG	7.35	.	18.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=BIS(2-ETHYLHEXYL) PHTHALATE STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1550	BIS(2-ETHYLHEXYL) PHTHALATE	1		260075.77	.	UG/KG	12.47	.	10.40
1552	BIS(2-ETHYLHEXYL) PHTHALATE	1		29211.06	.	UG/KG	10.28	.	3.80
1553	BIS(2-ETHYLHEXYL) PHTHALATE	1	16884	26891.90	.	UG/KG	10.20	.	2.00
1556	BIS(2-ETHYLHEXYL) PHTHALATE	1	16896	70551.11	.	UG/KG	11.16	.	1.80
1559	BIS(2-ETHYLHEXYL) PHTHALATE	1		268110.90	.	UG/KG	12.50	.	8.45

---------- ANALYTE=BIS(2-ETHYLHEXYL) PHTHALATE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	BIS(2-ETHYLHEXYL) PHTHALATE	2	16527	102873.81	.	UG/KG	11.54	.	19.20
1365	BIS(2-ETHYLHEXYL) PHTHALATE	2	16528	298866.67	.	UG/KG	12.61	.	3.00
1366	BIS(2-ETHYLHEXYL) PHTHALATE	2	16814	43775.36	.	UG/KG	10.69	.	25.00
1369	BIS(2-ETHYLHEXYL) PHTHALATE	2	16818	33873.58	.	UG/KG	10.43	.	17.80
1380	BIS(2-ETHYLHEXYL) PHTHALATE	2		231744.90	.	UG/KG	12.35	.	30.55
1390	BIS(2-ETHYLHEXYL) PHTHALATE	2	16834	43767.53	.	UG/KG	10.69	.	32.20
1392	BIS(2-ETHYLHEXYL) PHTHALATE	2		106172.01	.	UG/KG	11.57	.	21.55
1393	BIS(2-ETHYLHEXYL) PHTHALATE	2	16529	.	66666.67	UG/KG	.	11.11	5.10
1399	BIS(2-ETHYLHEXYL) PHTHALATE	2		27393.33	.	UG/KG	10.22	.	4.15
1400	BIS(2-ETHYLHEXYL) PHTHALATE	2	16810	.	16666.67	UG/KG	.	9.72	2.30
1403	BIS(2-ETHYLHEXYL) PHTHALATE	2	16811	310485.26	.	UG/KG	12.65	.	71.70
1410	BIS(2-ETHYLHEXYL) PHTHALATE	2	16833	149757.14	.	UG/KG	11.92	.	30.80
1413	BIS(2-ETHYLHEXYL) PHTHALATE	2	17025	7625.62	.	UG/KG	8.94	.	2.80
1413	BIS(2-ETHYLHEXYL) PHTHALATE	2	17061	157698.04	.	UG/KG	11.97	.	18.10
1418	BIS(2-ETHYLHEXYL) PHTHALATE	2	16743	.	28571.43	UG/KG	.	10.26	3.70
1421	BIS(2-ETHYLHEXYL) PHTHALATE	2		4254.50	1666.67	UG/KG	8.36	7.42	1.85
1422	BIS(2-ETHYLHEXYL) PHTHALATE	2	16831	.	17241.38	UG/KG	.	9.76	18.30
1423	BIS(2-ETHYLHEXYL) PHTHALATE	2	16832	145196.67	.	UG/KG	11.89	.	20.40
1424	BIS(2-ETHYLHEXYL) PHTHALATE	2	16799	56851.16	.	UG/KG	10.95	.	14.30
1426	BIS(2-ETHYLHEXYL) PHTHALATE	2	16868	47090.80	.	UG/KG	10.76	.	3.10
1429	BIS(2-ETHYLHEXYL) PHTHALATE	2		142324.60	.	UG/KG	11.87	.	17.05
1443	BIS(2-ETHYLHEXYL) PHTHALATE	2	16823	25617.14	.	UG/KG	10.15	.	4.40
1443	BIS(2-ETHYLHEXYL) PHTHALATE	2	16825	4995.65	.	UG/KG	8.52	.	3.90
1447	BIS(2-ETHYLHEXYL) PHTHALATE	2		14228.75	.	UG/KG	9.56	.	3.60
1453	BIS(2-ETHYLHEXYL) PHTHALATE	2	16888	83112.96	.	UG/KG	11.33	.	18.60
1454	BIS(2-ETHYLHEXYL) PHTHALATE	2	16838	114605.62	.	UG/KG	11.65	.	38.30
1454	BIS(2-ETHYLHEXYL) PHTHALATE	2	16839	.	21739.13	UG/KG	.	9.99	20.00
1456	BIS(2-ETHYLHEXYL) PHTHALATE	2	17021	.	12500.00	UG/KG	.	9.43	2.00
1460	BIS(2-ETHYLHEXYL) PHTHALATE	2	16879	174365.00	.	UG/KG	12.07	.	33.20
1463	BIS(2-ETHYLHEXYL) PHTHALATE	2	16873	29116.67	.	UG/KG	10.28	.	3.80
1463	BIS(2-ETHYLHEXYL) PHTHALATE	2	16874	214779.37	.	UG/KG	12.28	.	63.60
1481	BIS(2-ETHYLHEXYL) PHTHALATE	2	17136	261791.11	.	UG/KG	12.48	.	14.80
1482	BIS(2-ETHYLHEXYL) PHTHALATE	2		156707.44	.	UG/KG	11.96	.	19.90
1484	BIS(2-ETHYLHEXYL) PHTHALATE	2	17024	.	153846.16	UG/KG	.	11.94	21.00
1485	BIS(2-ETHYLHEXYL) PHTHALATE	2	17132	.	19607.84	UG/KG	.	9.88	4.64
1485	BIS(2-ETHYLHEXYL) PHTHALATE	2	17133	.	217391.32	UG/KG	.	12.29	15.20
1493	BIS(2-ETHYLHEXYL) PHTHALATE	2		147371.67	.	UG/KG	11.90	.	82.80
1495	BIS(2-ETHYLHEXYL) PHTHALATE	2	17155	.	263.16	UG/KG	.	5.57	44.30
1499	BIS(2-ETHYLHEXYL) PHTHALATE	2	17019	425374.15	.	UG/KG	12.96	.	4.90
1500	BIS(2-ETHYLHEXYL) PHTHALATE	2		379464.07	.	UG/KG	12.85	.	20.05
1503	BIS(2-ETHYLHEXYL) PHTHALATE	2	17079	49858.95	.	UG/KG	10.82	.	31.90
1510	BIS(2-ETHYLHEXYL) PHTHALATE	2	17072	159869.00	.	UG/KG	11.98	.	10.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=BIS(2-ETHYLHEXYL) PHTHALATE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1514	BIS(2-ETHYLHEXYL) PHTHALATE	2	17085	91028.00	.	UG/KG	11.42	.	11.00
1515	BIS(2-ETHYLHEXYL) PHTHALATE	2		24889.29	.	UG/KG	10.12	.	94.30
1520	BIS(2-ETHYLHEXYL) PHTHALATE	2	16855	51189.17	.	UG/KG	10.84	.	41.10
1521	BIS(2-ETHYLHEXYL) PHTHALATE	2	16860	223776.19	.	UG/KG	12.32	.	19.20
1522	BIS(2-ETHYLHEXYL) PHTHALATE	2	16853	43617.65	.	UG/KG	10.68	.	17.50
1523	BIS(2-ETHYLHEXYL) PHTHALATE	2		39232.26	.	UG/KG	10.58	.	50.00
1524	BIS(2-ETHYLHEXYL) PHTHALATE	2	16854	89332.31	.	UG/KG	11.40	.	26.30
1524	BIS(2-ETHYLHEXYL) PHTHALATE	2	16856	128409.23	.	UG/KG	11.76	.	23.60
1529	BIS(2-ETHYLHEXYL) PHTHALATE	2	17086	11530.00	.	UG/KG	9.35	.	13.00
1535	BIS(2-ETHYLHEXYL) PHTHALATE	2	17088	71702.11	.	UG/KG	11.18	.	2.80
1538	BIS(2-ETHYLHEXYL) PHTHALATE	2	17087	173040.25	.	UG/KG	12.06	.	70.50
1540	BIS(2-ETHYLHEXYL) PHTHALATE	2	17093	8492.40	.	UG/KG	9.05	.	24.40
1544	BIS(2-ETHYLHEXYL) PHTHALATE	2	16803	190435.85	.	UG/KG	12.16	.	20.30
1545	BIS(2-ETHYLHEXYL) PHTHALATE	2	16805	248864.41	.	UG/KG	12.42	.	20.60
1554	BIS(2-ETHYLHEXYL) PHTHALATE	2	17066	67583.64	.	UG/KG	11.12	.	77.90
1554	BIS(2-ETHYLHEXYL) PHTHALATE	2	17071	68721.79	.	UG/KG	11.14	.	27.90
1558	BIS(2-ETHYLHEXYL) PHTHALATE	2	16801	265946.81	.	UG/KG	12.49	.	14.90
1564	BIS(2-ETHYLHEXYL) PHTHALATE	2	17043	250208.11	.	UG/KG	12.43	.	25.50
1564	BIS(2-ETHYLHEXYL) PHTHALATE	2	17049	104325.00	.	UG/KG	11.56	.	48.70

---------- ANALYTE=BIS(2-ETHYLHEXYL) PHTHALATE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	BIS(2-ETHYLHEXYL) PHTHALATE	3	16532	40485.38	.	UG/KG	10.61	.	5.50
1367	BIS(2-ETHYLHEXYL) PHTHALATE	3	16533	174078.57	.	UG/KG	12.07	.	16.30
1367	BIS(2-ETHYLHEXYL) PHTHALATE	3	16534	117567.73	.	UG/KG	11.67	.	89.60
1370	BIS(2-ETHYLHEXYL) PHTHALATE	3	16817	62485.13	.	UG/KG	11.04	.	14.20
1381	BIS(2-ETHYLHEXYL) PHTHALATE	3	16819	16746.46	.	UG/KG	9.73	.	3.40
1382	BIS(2-ETHYLHEXYL) PHTHALATE	3	16816	35865.91	.	UG/KG	10.49	.	74.50
1384	BIS(2-ETHYLHEXYL) PHTHALATE	3	16536	891290.00	.	UG/KG	13.70	.	33.20
1385	BIS(2-ETHYLHEXYL) PHTHALATE	3	16886	28378.57	.	UG/KG	10.25	.	4.30
1395	BIS(2-ETHYLHEXYL) PHTHALATE	3	16861	4228.20	.	UG/KG	8.35	.	2.30
1395	BIS(2-ETHYLHEXYL) PHTHALATE	3	16862	22708.06	.	UG/KG	10.03	.	19.10
1396	BIS(2-ETHYLHEXYL) PHTHALATE	3	16830	165227.78	.	UG/KG	12.02	.	3.20
1397	BIS(2-ETHYLHEXYL) PHTHALATE	3	16851	180443.75	.	UG/KG	12.10	.	7.80
1402	BIS(2-ETHYLHEXYL) PHTHALATE	3	16809	.	25641.03	UG/KG	.	10.15	1.40
1404	BIS(2-ETHYLHEXYL) PHTHALATE	3		.	16666.67	UG/KG	.	9.72	2.00
1405	BIS(2-ETHYLHEXYL) PHTHALATE	3	16843	55051.40	.	UG/KG	10.92	.	15.20
1405	BIS(2-ETHYLHEXYL) PHTHALATE	3	16844	420351.88	.	UG/KG	12.95	.	53.80
1406	BIS(2-ETHYLHEXYL) PHTHALATE	3	16841	22441.05	.	UG/KG	10.02	.	1.60
1409	BIS(2-ETHYLHEXYL) PHTHALATE	3		117858.33	.	UG/KG	11.68	.	4.55
1411	BIS(2-ETHYLHEXYL) PHTHALATE	3	16826	15538.40	.	UG/KG	9.65	.	80.90
1412	BIS(2-ETHYLHEXYL) PHTHALATE	3	16829	15117.65	.	UG/KG	9.62	.	3.50
1416	BIS(2-ETHYLHEXYL) PHTHALATE	3		105074.23	.	UG/KG	11.56	.	35.80
1425	BIS(2-ETHYLHEXYL) PHTHALATE	3	16878	235496.36	.	UG/KG	12.37	.	19.50
1428	BIS(2-ETHYLHEXYL) PHTHALATE	3	16869	.	6666.67	UG/KG	.	8.80	0.50
1433	BIS(2-ETHYLHEXYL) PHTHALATE	3	16800	126429.63	.	UG/KG	11.75	.	89.30
1434	BIS(2-ETHYLHEXYL) PHTHALATE	3	16806	14104.55	.	UG/KG	9.55	.	17.70
1435	BIS(2-ETHYLHEXYL) PHTHALATE	3	17016	10159.16	.	UG/KG	9.23	.	65.40
1439	BIS(2-ETHYLHEXYL) PHTHALATE	3	17047	85662.96	.	UG/KG	11.36	.	10.10
1440	BIS(2-ETHYLHEXYL) PHTHALATE	3	17050	58492.98	.	UG/KG	10.98	.	19.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=BIS(2-ETHYLHEXYL) PHTHALATE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	BIS(2-ETHYLHEXYL) PHTHALATE	3	16745	42949.47	.	UG/KG	10.67	.	62.60
1448	BIS(2-ETHYLHEXYL) PHTHALATE	3	16746	.	33333.34	UG/KG	.	10.41	10.90
1449	BIS(2-ETHYLHEXYL) PHTHALATE	3		4404.67	1575.68	UG/KG	8.39	7.36	2.35
1462	BIS(2-ETHYLHEXYL) PHTHALATE	3	16849	.	6666.67	UG/KG	.	8.80	7.20
1472	BIS(2-ETHYLHEXYL) PHTHALATE	3		103915.66	.	UG/KG	11.55	.	20.45
1474	BIS(2-ETHYLHEXYL) PHTHALATE	3	17031	192246.81	.	UG/KG	12.17	.	15.20
1475	BIS(2-ETHYLHEXYL) PHTHALATE	3	17028	107318.68	.	UG/KG	11.58	.	30.70
1476	BIS(2-ETHYLHEXYL) PHTHALATE	3		21568.00	.	UG/KG	9.98	.	23.50
1479	BIS(2-ETHYLHEXYL) PHTHALATE	3	17144	.	3225.81	UG/KG	.	8.08	30.10
1479	BIS(2-ETHYLHEXYL) PHTHALATE	3	17150	9709.66	.	UG/KG	9.18	.	1.76
1480	BIS(2-ETHYLHEXYL) PHTHALATE	3	17044	14006.67	.	UG/KG	9.55	.	3.60
1486	BIS(2-ETHYLHEXYL) PHTHALATE	3	17131	7667.90	.	UG/KG	8.94	.	2.60
1487	BIS(2-ETHYLHEXYL) PHTHALATE	3	17023	64860.87	.	UG/KG	11.08	.	14.50
1489	BIS(2-ETHYLHEXYL) PHTHALATE	3	17041	59253.00	.	UG/KG	10.99	.	34.10
1490	BIS(2-ETHYLHEXYL) PHTHALATE	3	17027	.	16129.03	UG/KG	.	9.69	2.00
1492	BIS(2-ETHYLHEXYL) PHTHALATE	3	17010	1654.03	.	UG/KG	7.41	.	60.20
1497	BIS(2-ETHYLHEXYL) PHTHALATE	3	17015	168421.05	.	UG/KG	12.03	.	0.19
1498	BIS(2-ETHYLHEXYL) PHTHALATE	3		103152.32	.	UG/KG	11.54	.	4.50
1502	BIS(2-ETHYLHEXYL) PHTHALATE	3	17073	.	15625.00	UG/KG	.	9.66	2.90
1504	BIS(2-ETHYLHEXYL) PHTHALATE	3	17078	4996.67	.	UG/KG	8.52	.	0.93
1505	BIS(2-ETHYLHEXYL) PHTHALATE	3	17152	19262.56	.	UG/KG	9.87	.	26.20
1507	BIS(2-ETHYLHEXYL) PHTHALATE	3	17154	.	384.62	UG/KG	.	5.95	67.30
1508	BIS(2-ETHYLHEXYL) PHTHALATE	3	17084	581761.92	.	UG/KG	13.27	.	2.70
1511	BIS(2-ETHYLHEXYL) PHTHALATE	3	17139	54159.09	.	UG/KG	10.90	.	41.60
1513	BIS(2-ETHYLHEXYL) PHTHALATE	3	17083	255181.35	.	UG/KG	12.45	.	1.29
1517	BIS(2-ETHYLHEXYL) PHTHALATE	3	17002	98909.41	.	UG/KG	11.50	.	53.70
1518	BIS(2-ETHYLHEXYL) PHTHALATE	3	17003	13171.85	.	UG/KG	9.49	.	65.60
1519	BIS(2-ETHYLHEXYL) PHTHALATE	3	17005	62268.21	.	UG/KG	11.04	.	11.80
1525	BIS(2-ETHYLHEXYL) PHTHALATE	3	17001	59481.54	.	UG/KG	10.99	.	59.20
1526	BIS(2-ETHYLHEXYL) PHTHALATE	3		114503.02	.	UG/KG	11.65	.	27.75
1537	BIS(2-ETHYLHEXYL) PHTHALATE	3	17090	509.56	.	UG/KG	6.23	.	17.30
1541	BIS(2-ETHYLHEXYL) PHTHALATE	3	17091	62391.00	.	UG/KG	11.04	.	5.00
1542	BIS(2-ETHYLHEXYL) PHTHALATE	3	17089	8301.91	.	UG/KG	9.02	.	76.80
1546	BIS(2-ETHYLHEXYL) PHTHALATE	3	16804	159176.92	.	UG/KG	11.98	.	22.60
1547	BIS(2-ETHYLHEXYL) PHTHALATE	3	17070	61688.46	.	UG/KG	11.03	.	45.10
1548	BIS(2-ETHYLHEXYL) PHTHALATE	3	17067	159641.51	.	UG/KG	11.98	.	18.10
1560	BIS(2-ETHYLHEXYL) PHTHALATE	3	16883	173576.92	.	UG/KG	12.06	.	71.40
1561	BIS(2-ETHYLHEXYL) PHTHALATE	3	16891	.	1190.48	UG/KG	.	7.08	2.20
1561	BIS(2-ETHYLHEXYL) PHTHALATE	3	16892	1409.36	.	UG/KG	7.25	.	68.30
1563	BIS(2-ETHYLHEXYL) PHTHALATE	3	17143	264305.32	.	UG/KG	12.48	.	2.65
1565	BIS(2-ETHYLHEXYL) PHTHALATE	3	17057	17225.83	.	UG/KG	9.75	.	0.75
1566	BIS(2-ETHYLHEXYL) PHTHALATE	3		12733.75	4545.45	UG/KG	9.45	8.42	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=BIS(2-ETHYLHEXYL) PHTHALATE STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	BIS(2-ETHYLHEXYL) PHTHALATE	4	16525	22014.62	.	UG/KG	10.00	.	100.00
1362	BIS(2-ETHYLHEXYL) PHTHALATE	4	16531	6577.33	.	UG/KG	8.79	.	100.00
1363	BIS(2-ETHYLHEXYL) PHTHALATE	4	16526	.	33333.34	UG/KG	.	10.41	0.80
1388	BIS(2-ETHYLHEXYL) PHTHALATE	4	16815	.	2222.22	UG/KG	.	7.71	25.60
1389	BIS(2-ETHYLHEXYL) PHTHALATE	4	16835	29812.33	.	UG/KG	10.30	.	34.80
1401	BIS(2-ETHYLHEXYL) PHTHALATE	4	16802	.	30303.03	UG/KG	.	10.32	1.00
1407	BIS(2-ETHYLHEXYL) PHTHALATE	4	16842	3926.45	.	UG/KG	8.28	.	37.40
1408	BIS(2-ETHYLHEXYL) PHTHALATE	4	16540	.	2777.78	UG/KG	.	7.93	15.10
1414	BIS(2-ETHYLHEXYL) PHTHALATE	4	16744	.	1886.79	UG/KG	.	7.54	1.90
1415	BIS(2-ETHYLHEXYL) PHTHALATE	4	16750	.	7142.86	UG/KG	.	8.87	0.50
1417	BIS(2-ETHYLHEXYL) PHTHALATE	4	16742	.	2272.73	UG/KG	.	7.73	1.50
1420	BIS(2-ETHYLHEXYL) PHTHALATE	4	16864	63306.25	.	UG/KG	11.06	.	10.70
1427	BIS(2-ETHYLHEXYL) PHTHALATE	4	16867	1902.62	.	UG/KG	7.55	.	52.80
1430	BIS(2-ETHYLHEXYL) PHTHALATE	4	16537	84347.37	.	UG/KG	11.34	.	66.00
1431	BIS(2-ETHYLHEXYL) PHTHALATE	4	16538	540656.14	.	UG/KG	13.20	.	20.30
1432	BIS(2-ETHYLHEXYL) PHTHALATE	4	16539	132527.86	.	UG/KG	11.79	.	42.00
1441	BIS(2-ETHYLHEXYL) PHTHALATE	4	16798	10578.57	.	UG/KG	9.27	.	2.80
1442	BIS(2-ETHYLHEXYL) PHTHALATE	4	16797	1605.71	.	UG/KG	7.38	.	64.00
1445	BIS(2-ETHYLHEXYL) PHTHALATE	4	16871	.	16666.67	UG/KG	.	9.72	1.70
1455	BIS(2-ETHYLHEXYL) PHTHALATE	4	16837	147855.38	.	UG/KG	11.90	.	44.80
1459	BIS(2-ETHYLHEXYL) PHTHALATE	4	16747	.	4761.91	UG/KG	.	8.47	0.80
1461	BIS(2-ETHYLHEXYL) PHTHALATE	4	16852	.	16666.67	UG/KG	.	9.72	0.23
1464	BIS(2-ETHYLHEXYL) PHTHALATE	4	16876	29755.00	.	UG/KG	10.30	.	19.10
1465	BIS(2-ETHYLHEXYL) PHTHALATE	4	16877	.	7692.31	UG/KG	.	8.95	4.80
1466	BIS(2-ETHYLHEXYL) PHTHALATE	4	17026	.	2702.70	UG/KG	.	7.90	2.30
1467	BIS(2-ETHYLHEXYL) PHTHALATE	4	17030	.	4545.45	UG/KG	.	8.42	1.20
1468	BIS(2-ETHYLHEXYL) PHTHALATE	4	17151	4237.79	.	UG/KG	8.35	.	39.50
1470	BIS(2-ETHYLHEXYL) PHTHALATE	4	16880	.	3030.30	UG/KG	.	8.02	1.20
1478	BIS(2-ETHYLHEXYL) PHTHALATE	4	17060	.	10416.67	UG/KG	.	9.25	3.40
1488	BIS(2-ETHYLHEXYL) PHTHALATE	4	17029	55738.33	.	UG/KG	10.93	.	62.40
1491	BIS(2-ETHYLHEXYL) PHTHALATE	4	17011	26068.75	.	UG/KG	10.17	.	0.48
1496	BIS(2-ETHYLHEXYL) PHTHALATE	4	17075	.	4545.45	UG/KG	.	8.42	2.50
1501	BIS(2-ETHYLHEXYL) PHTHALATE	4	17074	.	43478.26	UG/KG	.	10.68	9.40
1506	BIS(2-ETHYLHEXYL) PHTHALATE	4	17153	934.69	.	UG/KG	6.84	.	37.50
1509	BIS(2-ETHYLHEXYL) PHTHALATE	4	17042	24290.36	.	UG/KG	10.10	.	47.60
1512	BIS(2-ETHYLHEXYL) PHTHALATE	4	17138	88850.00	.	UG/KG	11.39	.	14.30
1516	BIS(2-ETHYLHEXYL) PHTHALATE	4	17004	.	33333.34	UG/KG	.	10.41	1.00
1527	BIS(2-ETHYLHEXYL) PHTHALATE	4	17040	2436.87	.	UG/KG	7.80	.	72.70
1532	BIS(2-ETHYLHEXYL) PHTHALATE	4	17007	.	7692.31	UG/KG	.	8.95	41.90
1539	BIS(2-ETHYLHEXYL) PHTHALATE	4		164667.84	.	UG/KG	12.01	.	1.07
1549	BIS(2-ETHYLHEXYL) PHTHALATE	4	17048	17450.00	.	UG/KG	9.77	.	6.30
1551	BIS(2-ETHYLHEXYL) PHTHALATE	4		.	27500.00	UG/KG	.	10.22	0.60
1555	BIS(2-ETHYLHEXYL) PHTHALATE	4	17035	22926.67	.	UG/KG	10.04	.	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CADMIUM STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	CADMIUM	1	16821	33.80	.	MG/KG	3.52	.	11.90
1391	CADMIUM	1	16885	128.00	.	MG/KG	4.85	.	21.80
1419	CADMIUM	1	16739	333.00	.	MG/KG	5.81	.	44.00
1436	CADMIUM	1	17036	18.40	.	MG/KG	2.91	.	38.20
1436	CADMIUM	1	17145	6.30	.	MG/KG	1.84	.	39.90
1436	CADMIUM	1	17149	12.20	.	MG/KG	2.50	.	40.90
1437	CADMIUM	1	17033	19.00	.	MG/KG	2.94	.	16.30
1438	CADMIUM	1	17034	14.90	.	MG/KG	2.70	.	19.10
1451	CADMIUM	1	16887	47.30	.	MG/KG	3.86	.	1.10
1452	CADMIUM	1	16889	149.00	.	MG/KG	5.00	.	61.80
1452	CADMIUM	1	16890	124.00	.	MG/KG	4.82	.	63.40
1469	CADMIUM	1		89.90	.	MG/KG	4.50	.	23.90
1471	CADMIUM	1	17046	19.60	.	MG/KG	2.98	.	25.30
1471	CADMIUM	1	17052	24.90	.	MG/KG	3.21	.	20.90
1530	CADMIUM	1	17020	5.80	.	MG/KG	1.76	.	32.60
1530	CADMIUM	1	17038	11.10	.	MG/KG	2.41	.	9.30
1533	CADMIUM	1	17022	.	6.00	MG/KG	.	1.79	2.10
1534	CADMIUM	1	17081	8.40	.	MG/KG	2.13	.	75.00
1543	CADMIUM	1	17065	13.00	.	MG/KG	2.56	.	15.00
1543	CADMIUM	1	17130	10.50	.	MG/KG	2.35	.	50.50
1543	CADMIUM	1	17141	16.30	.	MG/KG	2.79	.	18.10
1550	CADMIUM	1		11.40	.	MG/KG	2.43	.	10.40
1552	CADMIUM	1		79.85	.	MG/KG	4.38	.	3.80
1553	CADMIUM	1	16884	.	12.50	MG/KG	.	2.53	2.00
1556	CADMIUM	1	16896	16.70	.	MG/KG	2.82	.	1.80
1559	CADMIUM	1		12.50	.	MG/KG	2.53	.	8.45

ANALYTE=CADMIUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	CADMIUM	2	16527	10.20	.	MG/KG	2.32	.	19.20
1365	CADMIUM	2	16528	26.50	.	MG/KG	3.28	.	3.00
1366	CADMIUM	2	16814	10.60	.	MG/KG	2.36	.	25.00
1369	CADMIUM	2	16818	8.50	.	MG/KG	2.14	.	17.80
1380	CADMIUM	2		5.15	.	MG/KG	1.64	.	30.55
1390	CADMIUM	2	16834	8.00	.	MG/KG	2.08	.	32.20
1392	CADMIUM	2		2.75	.	MG/KG	1.01	.	21.55
1393	CADMIUM	2	16529	3.10	.	MG/KG	1.13	.	5.10
1399	CADMIUM	2		4.60	.	MG/KG	1.53	.	4.15
1400	CADMIUM	2	16810	6.10	.	MG/KG	1.81	.	2.30
1403	CADMIUM	2	16811	36.30	.	MG/KG	3.59	.	71.70
1410	CADMIUM	2	16833	499.00	.	MG/KG	6.21	.	30.80
1413	CADMIUM	2	17025	44.00	.	MG/KG	3.78	.	2.80
1413	CADMIUM	2	17061	44.00	.	MG/KG	3.78	.	18.10
1418	CADMIUM	2	16743	210.00	.	MG/KG	5.35	.	3.70
1421	CADMIUM	2		28.10	.	MG/KG	3.34	.	1.85
1422	CADMIUM	2	16831	3.00	.	MG/KG	1.10	.	18.30
1423	CADMIUM	2	16832	58.60	.	MG/KG	4.07	.	20.40
1424	CADMIUM	2	16799	3.80	.	MG/KG	1.34	.	14.30
1426	CADMIUM	2	16868	15.50	.	MG/KG	2.74	.	3.10
1429	CADMIUM	2		9.85	.	MG/KG	2.29	.	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CADMIUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	CADMIUM	2	16823	.	11.40	MG/KG	.	2.43	4.40
1443	CADMIUM	2	16825	4.60	.	MG/KG	1.53	.	3.90
1447	CADMIUM	2		7.85	.	MG/KG	2.06	.	3.60
1453	CADMIUM	2	16888	3.20	.	MG/KG	1.16	.	18.60
1454	CADMIUM	2	16838	71.50	.	MG/KG	4.27	.	38.30
1454	CADMIUM	2	16839	35.10	.	MG/KG	3.56	.	20.00
1456	CADMIUM	2	17021	18.00	.	MG/KG	2.89	.	2.00
1460	CADMIUM	2	16879	49.50	.	MG/KG	3.90	.	33.20
1463	CADMIUM	2	16873	.	6.60	MG/KG	.	1.89	3.80
1463	CADMIUM	2	16874	3.00	.	MG/KG	1.10	.	63.60
1481	CADMIUM	2	17136	9.20	.	MG/KG	2.22	.	14.80
1482	CADMIUM	2		10.05	.	MG/KG	2.31	.	19.90
1484	CADMIUM	2	17024	10.50	.	MG/KG	2.35	.	21.00
1485	CADMIUM	2	17132	.	2.20	MG/KG	.	0.79	4.64
1485	CADMIUM	2	17133	2.60	.	MG/KG	0.96	.	15.20
1493	CADMIUM	2		8.95	.	MG/KG	2.19	.	82.80
1495	CADMIUM	2	17155	9.00	.	MG/KG	2.20	.	44.30
1499	CADMIUM	2	17019	12.20	.	MG/KG	2.50	.	4.90
1500	CADMIUM	2		19.05	.	MG/KG	2.95	.	20.05
1503	CADMIUM	2	17079	6.90	.	MG/KG	1.93	.	31.90
1510	CADMIUM	2	17072	4.70	.	MG/KG	1.55	.	10.60
1514	CADMIUM	2	17085	2.70	.	MG/KG	0.99	.	11.00
1515	CADMIUM	2		40.75	.	MG/KG	3.71	.	94.30
1520	CADMIUM	2	16855	1.90	.	MG/KG	0.64	.	41.10
1521	CADMIUM	2	16860	19.80	.	MG/KG	2.99	.	19.20
1522	CADMIUM	2	16853	3.10	.	MG/KG	1.13	.	17.50
1523	CADMIUM	2		2.40	.	MG/KG	0.88	.	50.00
1524	CADMIUM	2	16854	4.80	.	MG/KG	1.57	.	26.30
1524	CADMIUM	2	16856	.	2.10	MG/KG	.	0.74	23.60
1529	CADMIUM	2	17086	249.00	.	MG/KG	5.52	.	13.00
1535	CADMIUM	2	17088	7.10	.	MG/KG	1.96	.	2.80
1538	CADMIUM	2	17087	13.50	.	MG/KG	2.60	.	70.50
1540	CADMIUM	2	17093	4.10	.	MG/KG	1.41	.	24.40
1544	CADMIUM	2	16803	7.60	.	MG/KG	2.03	.	20.30
1545	CADMIUM	2	16805	11.60	.	MG/KG	2.45	.	20.60
1554	CADMIUM	2	17066	25.90	.	MG/KG	3.25	.	77.90
1554	CADMIUM	2	17071	17.90	.	MG/KG	2.88	.	27.90
1558	CADMIUM	2	16801	11.80	.	MG/KG	2.47	.	14.90
1564	CADMIUM	2	17043	14.10	.	MG/KG	2.65	.	25.50
1564	CADMIUM	2	17049	13.10	.	MG/KG	2.57	.	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CADMIUM STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	CADMIUM	3	16532	7.70	.	MG/KG	2.04	.	5.50
1367	CADMIUM	3	16533	8.00	.	MG/KG	2.08	.	16.30
1367	CADMIUM	3	16534	7.60	.	MG/KG	2.03	.	89.60
1370	CADMIUM	3	16817	5.20	.	MG/KG	1.65	.	14.20
1381	CADMIUM	3	16819	4.70	.	MG/KG	1.55	.	3.40
1382	CADMIUM	3	16816	2.80	.	MG/KG	1.03	.	74.50
1384	CADMIUM	3	16536	16.80	.	MG/KG	2.82	.	33.20
1385	CADMIUM	3	16886	5.80	.	MG/KG	1.76	.	4.30
1395	CADMIUM	3	16861	5.20	.	MG/KG	1.65	.	2.30
1395	CADMIUM	3	16862	7.10	.	MG/KG	1.96	.	19.10
1396	CADMIUM	3	16830	17.50	.	MG/KG	2.86	.	3.20
1397	CADMIUM	3	16851	5.60	.	MG/KG	1.72	.	7.80
1402	CADMIUM	3	16809	.	7.10	MG/KG	.	1.96	1.40
1404	CADMIUM	3		11.95	.	MG/KG	2.48	.	2.00
1405	CADMIUM	3	16843	7.20	.	MG/KG	1.97	.	15.20
1405	CADMIUM	3	16844	6.10	.	MG/KG	1.81	.	53.80
1406	CADMIUM	3	16841	.	6.30	MG/KG	.	1.84	1.60
1409	CADMIUM	3		25.40	.	MG/KG	3.23	.	4.55
1411	CADMIUM	3	16826	8.40	.	MG/KG	2.13	.	80.90
1412	CADMIUM	3	16829	4.00	.	MG/KG	1.39	.	3.50
1416	CADMIUM	3		3.35	.	MG/KG	1.21	.	35.80
1425	CADMIUM	3	16878	6.70	.	MG/KG	1.90	.	19.50
1428	CADMIUM	3	16869	.	20.00	MG/KG	.	3.00	0.50
1433	CADMIUM	3	16800	5.80	.	MG/KG	1.76	.	89.30
1434	CADMIUM	3	16806	8.40	.	MG/KG	2.13	.	17.70
1435	CADMIUM	3	17016	4.60	.	MG/KG	1.53	.	65.40
1439	CADMIUM	3	17047	5.40	.	MG/KG	1.69	.	10.10
1440	CADMIUM	3	17050	3.10	.	MG/KG	1.13	.	19.10
1448	CADMIUM	3	16745	12.50	.	MG/KG	2.53	.	62.60
1448	CADMIUM	3	16746	3.50	.	MG/KG	1.25	.	10.90
1449	CADMIUM	3		.	4.25	MG/KG	.	1.45	2.35
1462	CADMIUM	3	16849	.	3.50	MG/KG	.	1.25	7.20
1472	CADMIUM	3		5.95	.	MG/KG	1.78	.	20.45
1474	CADMIUM	3	17031	13.50	.	MG/KG	2.60	.	15.20
1475	CADMIUM	3	17028	8.60	.	MG/KG	2.15	.	30.70
1476	CADMIUM	3		6.30	.	MG/KG	1.84	.	23.50
1479	CADMIUM	3	17144	5.60	.	MG/KG	1.72	.	30.10
1479	CADMIUM	3	17150	.	4.50	MG/KG	.	1.50	1.76
1480	CADMIUM	3	17044	9.00	.	MG/KG	2.20	.	3.60
1486	CADMIUM	3	17131	.	3.10	MG/KG	.	1.13	2.60
1487	CADMIUM	3	17023	5.90	.	MG/KG	1.77	.	14.50
1489	CADMIUM	3	17041	0.90	.	MG/KG	-0.11	.	34.10
1490	CADMIUM	3	17027	.	6.30	MG/KG	.	1.84	2.00
1492	CADMIUM	3	17010	8220.00	.	MG/KG	9.01	.	60.20
1497	CADMIUM	3	17015	.	52.50	MG/KG	.	3.96	0.19
1498	CADMIUM	3		4.80	.	MG/KG	1.57	.	4.50
1502	CADMIUM	3	17073	.	5.70	MG/KG	.	1.74	2.90
1504	CADMIUM	3	17078	299.00	.	MG/KG	5.70	.	0.93
1505	CADMIUM	3	17152	18.20	.	MG/KG	2.90	.	26.20
1507	CADMIUM	3	17154	4.30	.	MG/KG	1.46	.	67.30
1508	CADMIUM	3	17084	6.50	.	MG/KG	1.87	.	2.70
1511	CADMIUM	3	17139	12.00	.	MG/KG	2.48	.	41.60
1513	CADMIUM	3	17083	.	6.20	MG/KG	.	1.82	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CADMIUM STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	CADMIUM	3	17002	4.50	.	MG/KG	1.50	.	53.70
1518	CADMIUM	3	17003	7.90	.	MG/KG	2.07	.	65.60
1519	CADMIUM	3	17005	155.00	.	MG/KG	5.04	.	11.80
1525	CADMIUM	3	17001	3.60	.	MG/KG	1.28	.	59.20
1526	CADMIUM	3		2.80	.	MG/KG	1.03	.	27.75
1537	CADMIUM	3	17090	3.80	.	MG/KG	1.34	.	17.30
1541	CADMIUM	3	17091	4.40	.	MG/KG	1.48	.	5.00
1542	CADMIUM	3	17089	8.30	.	MG/KG	2.12	.	76.80
1546	CADMIUM	3	16804	8.70	.	MG/KG	2.16	.	22.60
1547	CADMIUM	3	17070	9.50	.	MG/KG	2.25	.	45.10
1548	CADMIUM	3	17067	11.60	.	MG/KG	2.45	.	18.10
1560	CADMIUM	3	16883	8.30	.	MG/KG	2.12	.	71.40
1561	CADMIUM	3	16891	.	4.50	MG/KG	.	1.50	2.20
1561	CADMIUM	3	16892	1.50	.	MG/KG	0.41	.	68.30
1563	CADMIUM	3	17143	.	5.00	MG/KG	.	1.61	2.65
1565	CADMIUM	3	17057	.	13.30	MG/KG	.	2.59	0.75
1566	CADMIUM	3		.	18.10	MG/KG	.	2.90	1.15

ANALYTE=CADMIUM STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	CADMIUM	4	16525	2.10	.	MG/KG	0.74	.	100.00
1363	CADMIUM	4	16526	6.50	.	MG/KG	1.87	.	0.80
1388	CADMIUM	4	16815	.	0.40	MG/KG	.	-0.92	25.60
1389	CADMIUM	4	16835	3.20	.	MG/KG	1.16	.	34.80
1401	CADMIUM	4	16802	1.80	.	MG/KG	0.59	.	1.00
1407	CADMIUM	4	16842	2.40	.	MG/KG	0.88	.	37.40
1408	CADMIUM	4	16540	.	0.70	MG/KG	.	-0.36	15.10
1414	CADMIUM	4	16744	.	5.20	MG/KG	.	1.65	1.90
1415	CADMIUM	4	16750	.	20.00	MG/KG	.	3.00	0.50
1417	CADMIUM	4	16742	.	6.70	MG/KG	.	1.90	1.50
1420	CADMIUM	4	16864	4.70	.	MG/KG	1.55	.	10.70
1427	CADMIUM	4	16867	7.40	.	MG/KG	2.00	.	52.80
1430	CADMIUM	4	16537	7.50	.	MG/KG	2.01	.	66.00
1431	CADMIUM	4	16538	6.20	.	MG/KG	1.82	.	20.30
1432	CADMIUM	4	16539	5.20	.	MG/KG	1.65	.	42.00
1441	CADMIUM	4	16798	3.60	.	MG/KG	1.28	.	2.80
1442	CADMIUM	4	16797	1.30	.	MG/KG	0.26	.	64.00
1445	CADMIUM	4	16871	.	5.90	MG/KG	.	1.77	1.70
1455	CADMIUM	4	16837	12.00	.	MG/KG	2.48	.	44.80
1459	CADMIUM	4	16747	.	12.50	MG/KG	.	2.53	0.80
1461	CADMIUM	4	16852	.	21.70	MG/KG	.	3.08	0.23
1464	CADMIUM	4	16876	13.20	.	MG/KG	2.58	.	19.10
1465	CADMIUM	4	16877	9.40	.	MG/KG	2.24	.	4.80
1466	CADMIUM	4	17026	8.70	.	MG/KG	2.16	.	2.30
1467	CADMIUM	4	17030	.	8.30	MG/KG	.	2.12	1.20
1468	CADMIUM	4	17151	3.00	.	MG/KG	1.10	.	39.50
1470	CADMIUM	4	16880	.	8.30	MG/KG	.	2.12	1.20
1478	CADMIUM	4	17060	.	4.90	MG/KG	.	1.59	3.40
1488	CADMIUM	4	17029	10.30	.	MG/KG	2.33	.	62.40
1491	CADMIUM	4	17011	.	20.90	MG/KG	.	3.04	0.48

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CADMIUM STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1496	CADMIUM	4	17075	8.00	.	MG/KG	2.08	.	2.50
1501	CADMIUM	4	17074	6.90	.	MG/KG	1.93	.	9.40
1506	CADMIUM	4	17153	2.40	.	MG/KG	0.88	.	37.50
1509	CADMIUM	4	17042	5.80	.	MG/KG	1.76	.	47.60
1512	CADMIUM	4	17138	9.10	.	MG/KG	2.21	.	14.30
1516	CADMIUM	4	17004	.	10.00	MG/KG	.	2.30	1.00
1527	CADMIUM	4	17040	1.20	.	MG/KG	0.18	.	72.70
1532	CADMIUM	4	17007	4.80	.	MG/KG	1.57	.	41.90
1539	CADMIUM	4		.	7.65	MG/KG	.	2.03	1.07
1549	CADMIUM	4	17048	3.70	.	MG/KG	1.31	.	6.30
1551	CADMIUM	4		.	17.45	MG/KG	.	2.86	0.60
1555	CADMIUM	4	17035	24.40	.	MG/KG	3.19	.	5.10

ANALYTE=CHLORDANE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	CHLORDANE	1	16821	.	266.64	UG/KG	.	5.59	11.90
1391	CHLORDANE	1	16885	.	257.71	UG/KG	.	5.55	21.80
1419	CHLORDANE	1	16739	.	191.27	UG/KG	.	5.25	44.00
1436	CHLORDANE	1	17036	.	220.31	UG/KG	.	5.40	38.20
1436	CHLORDANE	1	17145	.	208.85	UG/KG	.	5.34	39.90
1436	CHLORDANE	1	17149	.	203.74	UG/KG	.	5.32	40.90
1437	CHLORDANE	1	17033	.	263.99	UG/KG	.	5.58	16.30
1438	CHLORDANE	1	17034	.	245.55	UG/KG	.	5.50	19.10
1451	CHLORDANE	1	16887	.	379.09	UG/KG	.	5.94	1.10
1452	CHLORDANE	1	16889	.	129.63	UG/KG	.	4.86	61.80
1452	CHLORDANE	1	16890	.	131.06	UG/KG	.	4.88	63.40
1469	CHLORDANE	1		.	263.30	UG/KG	.	5.57	23.90
1471	CHLORDANE	1	17046	.	257.98	UG/KG	.	5.55	25.30
1471	CHLORDANE	1	17052	.	254.50	UG/KG	.	5.54	20.90
1530	CHLORDANE	1	17020	.	220.37	UG/KG	.	5.40	32.60
1530	CHLORDANE	1	17038	.	263.55	UG/KG	.	5.57	9.30
1533	CHLORDANE	1	17022	.	281.90	UG/KG	.	5.64	2.10
1534	CHLORDANE	1	17081	.	112.21	UG/KG	.	4.72	75.00
1543	CHLORDANE	1	17065	.	286.87	UG/KG	.	5.66	15.00
1543	CHLORDANE	1	17130	.	163.41	UG/KG	.	5.10	50.50
1543	CHLORDANE	1	17141	.	252.04	UG/KG	.	5.53	18.10
1550	CHLORDANE	1		.	163.56	UG/KG	.	5.10	10.40
1552	CHLORDANE	1		.	299.08	UG/KG	.	5.70	3.80
1553	CHLORDANE	1	16884	.	339.50	UG/KG	.	5.83	2.00
1556	CHLORDANE	1	16896	.	381.67	UG/KG	.	5.94	1.80
1559	CHLORDANE	1		.	245.59	UG/KG	.	5.50	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CHLORDANE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	CHLORDANE	2	16527	.	281.82	UG/KG	.	5.64	19.20
1365	CHLORDANE	2	16528	.	429.67	UG/KG	.	6.06	3.00
1366	CHLORDANE	2	16814	.	273.24	UG/KG	.	5.61	25.00
1369	CHLORDANE	2	16818	.	266.01	UG/KG	.	5.58	17.80
1380	CHLORDANE	2		.	277.73	UG/KG	.	5.63	30.55
1390	CHLORDANE	2	16834	.	227.67	UG/KG	.	5.43	32.20
1392	CHLORDANE	2		.	164.76	UG/KG	.	5.10	21.55
1393	CHLORDANE	2	16529	.	419.02	UG/KG	.	6.04	5.10
1399	CHLORDANE	2		.	186.77	UG/KG	.	5.23	4.15
1400	CHLORDANE	2	16810	.	239.57	UG/KG	.	5.48	2.30
1403	CHLORDANE	2	16811	.	117.38	UG/KG	.	4.77	71.70
1410	CHLORDANE	2	16833	.	157.60	UG/KG	.	5.06	30.80
1413	CHLORDANE	2	17025	.	292.86	UG/KG	.	5.68	2.80
1413	CHLORDANE	2	17061	.	253.43	UG/KG	.	5.54	18.10
1418	CHLORDANE	2	16743	.	264.05	UG/KG	.	5.58	3.70
1421	CHLORDANE	2		.	380.23	UG/KG	.	5.94	1.85
1422	CHLORDANE	2	16831	.	311.91	UG/KG	.	5.74	18.30
1423	CHLORDANE	2	16832	.	264.71	UG/KG	.	5.58	20.40
1424	CHLORDANE	2	16799	.	301.40	UG/KG	.	5.71	14.30
1426	CHLORDANE	2	16868	.	297.74	UG/KG	.	5.70	3.10
1429	CHLORDANE	2		.	250.53	UG/KG	.	5.52	17.05
1443	CHLORDANE	2	16823	.	300.68	UG/KG	.	5.71	4.40
1443	CHLORDANE	2	16825	.	281.03	UG/KG	.	5.64	3.90
1447	CHLORDANE	2		.	217.78	UG/KG	.	5.38	3.60
1453	CHLORDANE	2	16888	.	260.48	UG/KG	.	5.56	18.60
1454	CHLORDANE	2	16838	.	220.18	UG/KG	.	5.39	38.30
1454	CHLORDANE	2	16839	.	184.90	UG/KG	.	5.22	20.00
1456	CHLORDANE	2	17021	.	199.50	UG/KG	.	5.30	2.00
1460	CHLORDANE	2	16879	.	225.45	UG/KG	.	5.42	33.20
1463	CHLORDANE	2	16873	.	275.26	UG/KG	.	5.62	3.80
1463	CHLORDANE	2	16874	.	86.40	UG/KG	.	4.46	63.60
1481	CHLORDANE	2	17136	.	289.73	UG/KG	.	5.67	14.80
1482	CHLORDANE	2		.	274.67	UG/KG	.	5.62	19.90
1484	CHLORDANE	2	17024	.	279.48	UG/KG	.	5.63	21.00
1485	CHLORDANE	2	17132	.	226.29	UG/KG	.	5.42	4.64
1485	CHLORDANE	2	17133	.	273.22	UG/KG	.	5.61	15.20
1493	CHLORDANE	2		.	102.00	UG/KG	.	4.62	82.80
1495	CHLORDANE	2	17155	.	188.10	UG/KG	.	5.24	44.30
1499	CHLORDANE	2	17019	.	249.80	UG/KG	.	5.52	4.90
1500	CHLORDANE	2		.	270.47	UG/KG	.	5.60	20.05
1503	CHLORDANE	2	17079	.	266.46	UG/KG	.	5.59	31.90
1510	CHLORDANE	2	17072	.	328.49	UG/KG	.	5.79	10.60
1514	CHLORDANE	2	17085	.	557.00	UG/KG	.	6.32	11.00
1515	CHLORDANE	2		.	90.05	UG/KG	.	4.50	94.30
1520	CHLORDANE	2	16855	.	206.20	UG/KG	.	5.33	41.10
1521	CHLORDANE	2	16860	.	231.67	UG/KG	.	5.45	19.20
1522	CHLORDANE	2	16853	.	243.37	UG/KG	.	5.49	17.50
1523	CHLORDANE	2		.	169.12	UG/KG	.	5.13	50.00
1524	CHLORDANE	2	16854	.	245.63	UG/KG	.	5.50	26.30
1524	CHLORDANE	2	16856	.	244.07	UG/KG	.	5.50	23.60
1529	CHLORDANE	2	17086	.	237.15	UG/KG	.	5.47	13.00
1535	CHLORDANE	2	17088	.	250.00	UG/KG	.	5.52	2.80
1538	CHLORDANE	2	17087	.	117.05	UG/KG	.	4.76	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=CHLORDANE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	CHLORDANE	2	17093	.	249.92	UG/KG	.	5.52	24.40
1544	CHLORDANE	2	16803	.	244.33	UG/KG	.	5.50	20.30
1545	CHLORDANE	2	16805	.	259.32	UG/KG	.	5.56	20.60
1554	CHLORDANE	2	17066	.	106.97	UG/KG	.	4.67	77.90
1554	CHLORDANE	2	17071	.	298.67	UG/KG	.	5.70	27.90
1558	CHLORDANE	2	16801	.	254.97	UG/KG	.	5.54	14.90
1564	CHLORDANE	2	17043	.	258.00	UG/KG	.	5.55	25.50
1564	CHLORDANE	2	17049	.	167.82	UG/KG	.	5.12	48.70

---------- ANALYTE=CHLORDANE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	CHLORDANE	3	16532	.	113.64	UG/KG	.	4.73	5.50
1367	CHLORDANE	3	16533	.	177.30	UG/KG	.	5.18	16.30
1367	CHLORDANE	3	16534	.	94.59	UG/KG	.	4.55	89.60
1370	CHLORDANE	3	16817	.	93.66	UG/KG	.	4.54	14.20
1381	CHLORDANE	3	16819	.	183.82	UG/KG	.	5.21	3.40
1382	CHLORDANE	3	16816	.	113.99	UG/KG	.	4.74	74.50
1384	CHLORDANE	3	16536	.	255.78	UG/KG	.	5.54	33.20
1385	CHLORDANE	3	16886	.	261.86	UG/KG	.	5.57	4.30
1395	CHLORDANE	3	16861	.	316.09	UG/KG	.	5.76	2.30
1395	CHLORDANE	3	16862	.	270.99	UG/KG	.	5.60	19.10
1396	CHLORDANE	3	16830	.	282.19	UG/KG	.	5.64	3.20
1397	CHLORDANE	3	16851	.	302.31	UG/KG	.	5.71	7.80
1402	CHLORDANE	3	16809	.	320.00	UG/KG	.	5.77	1.40
1404	CHLORDANE	3		.	564.24	UG/KG	.	6.34	2.00
1405	CHLORDANE	3	16843	.	238.36	UG/KG	.	5.47	15.20
1405	CHLORDANE	3	16844	.	157.04	UG/KG	.	5.06	53.80
1406	CHLORDANE	3	16841	.	344.38	UG/KG	.	5.84	1.60
1409	CHLORDANE	3		.	600.80	UG/KG	.	6.40	4.55
1411	CHLORDANE	3	16826	.	104.65	UG/KG	.	4.65	80.90
1412	CHLORDANE	3	16829	.	270.57	UG/KG	.	5.60	3.50
1416	CHLORDANE	3		.	234.88	UG/KG	.	5.46	35.80
1425	CHLORDANE	3	16878	.	253.85	UG/KG	.	5.54	19.50
1428	CHLORDANE	3	16869	.	834.00	UG/KG	.	6.73	0.50
1433	CHLORDANE	3	16800	.	94.90	UG/KG	.	4.55	89.30
1434	CHLORDANE	3	16806	.	323.95	UG/KG	.	5.78	17.70
1435	CHLORDANE	3	17016	.	128.69	UG/KG	.	4.86	65.40
1439	CHLORDANE	3	17047	.	308.61	UG/KG	.	5.73	10.10
1440	CHLORDANE	3	17050	.	266.60	UG/KG	.	5.59	19.10
1448	CHLORDANE	3	16745	.	131.20	UG/KG	.	4.88	62.60
1448	CHLORDANE	3	16746	.	27.61	UG/KG	.	3.32	10.90
1449	CHLORDANE	3		.	265.46	UG/KG	.	5.58	2.35
1462	CHLORDANE	3	16849	.	359.03	UG/KG	.	5.88	7.20
1472	CHLORDANE	3		.	267.83	UG/KG	.	5.59	20.45
1474	CHLORDANE	3	17031	.	249.93	UG/KG	.	5.52	15.20
1475	CHLORDANE	3	17028	.	271.43	UG/KG	.	5.60	30.70
1476	CHLORDANE	3		.	275.31	UG/KG	.	5.62	23.50
1479	CHLORDANE	3	17144	.	279.60	UG/KG	.	5.63	30.10
1479	CHLORDANE	3	17150	.	328.98	UG/KG	.	5.80	1.76
1480	CHLORDANE	3	17044	488.89	.	UG/KG	6.19	.	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CHLORDANE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	CHLORDANE	3	17131	.	268.46	UG/KG	.	5.59	2.60
1487	CHLORDANE	3	17023	.	275.86	UG/KG	.	5.62	14.50
1489	CHLORDANE	3	17041	.	135.01	UG/KG	.	4.91	34.10
1490	CHLORDANE	3	17027	.	261.00	UG/KG	.	5.56	2.00
1492	CHLORDANE	3	17010	.	139.80	UG/KG	.	4.94	60.20
1497	CHLORDANE	3	17015	.	2631.58	UG/KG	.	7.88	0.19
1498	CHLORDANE	3		.	236.31	UG/KG	.	5.47	4.50
1502	CHLORDANE	3	17073	.	263.79	UG/KG	.	5.58	2.90
1504	CHLORDANE	3	17078	.	382.80	UG/KG	.	5.95	0.93
1505	CHLORDANE	3	17152	.	259.27	UG/KG	.	5.56	26.20
1507	CHLORDANE	3	17154	.	125.05	UG/KG	.	4.83	67.30
1508	CHLORDANE	3	17084	.	1271.85	UG/KG	.	7.15	2.70
1511	CHLORDANE	3	17139	.	202.31	UG/KG	.	5.31	41.60
1513	CHLORDANE	3	17083	.	310.08	UG/KG	.	5.74	1.29
1517	CHLORDANE	3	17002	.	155.18	UG/KG	.	5.04	53.70
1518	CHLORDANE	3	17003	.	128.93	UG/KG	.	4.86	65.60
1519	CHLORDANE	3	17005	.	270.25	UG/KG	.	5.60	11.80
1525	CHLORDANE	3	17001	.	143.58	UG/KG	.	4.97	59.20
1526	CHLORDANE	3		.	237.27	UG/KG	.	5.47	27.75
1537	CHLORDANE	3	17090	.	274.74	UG/KG	.	5.62	17.30
1541	CHLORDANE	3	17091	.	267.40	UG/KG	.	5.59	5.00
1542	CHLORDANE	3	17089	.	110.68	UG/KG	.	4.71	76.80
1546	CHLORDANE	3	16804	.	257.26	UG/KG	.	5.55	22.60
1547	CHLORDANE	3	17070	.	186.61	UG/KG	.	5.23	45.10
1548	CHLORDANE	3	17067	.	291.99	UG/KG	.	5.68	18.10
1560	CHLORDANE	3	16883	.	118.81	UG/KG	.	4.78	71.40
1561	CHLORDANE	3	16891	.	273.18	UG/KG	.	5.61	2.20
1561	CHLORDANE	3	16892	.	120.82	UG/KG	.	4.79	68.30
1563	CHLORDANE	3	17143	.	412.08	UG/KG	.	6.02	2.65
1566	CHLORDANE	3		.	279.62	UG/KG	.	5.63	1.15

ANALYTE=CHLORDANE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	CHLORDANE	4	16525	.	83.33	UG/KG	.	4.42	100.00
1363	CHLORDANE	4	16526	.	347.50	UG/KG	.	5.85	0.80
1388	CHLORDANE	4	16815	.	19.53	UG/KG	.	2.97	25.60
1389	CHLORDANE	4	16835	.	208.22	UG/KG	.	5.34	34.80
1401	CHLORDANE	4	16802	.	428.00	UG/KG	.	6.06	1.00
1407	CHLORDANE	4	16842	.	225.70	UG/KG	.	5.42	37.40
1408	CHLORDANE	4	16540	.	40.40	UG/KG	.	3.70	15.10
1414	CHLORDANE	4	16744	.	310.53	UG/KG	.	5.74	1.90
1415	CHLORDANE	4	16750	.	556.00	UG/KG	.	6.32	0.50
1417	CHLORDANE	4	16742	.	185.33	UG/KG	.	5.22	1.50
1420	CHLORDANE	4	16864	.	261.31	UG/KG	.	5.57	10.70
1427	CHLORDANE	4	16867	.	157.37	UG/KG	.	5.06	52.80
1430	CHLORDANE	4	16537	.	127.89	UG/KG	.	4.85	66.00
1431	CHLORDANE	4	16538	.	232.81	UG/KG	.	5.45	20.30
1432	CHLORDANE	4	16539	.	200.38	UG/KG	.	5.30	42.00
1441	CHLORDANE	4	16798	.	229.64	UG/KG	.	5.44	2.80
1442	CHLORDANE	4	16797	.	130.08	UG/KG	.	4.87	64.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CHLORDANE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1445	CHLORDANE	4	16871	.	438.82	UG/KG	.	6.08	1.70
1455	CHLORDANE	4	16837	.	189.17	UG/KG	.	5.24	44.80
1459	CHLORDANE	4	16747	.	416.25	UG/KG	.	6.03	0.80
1461	CHLORDANE	4	16852	.	2173.91	UG/KG	.	7.68	0.23
1464	CHLORDANE	4	16876	.	414.35	UG/KG	.	6.03	19.10
1465	CHLORDANE	4	16877	.	188.12	UG/KG	.	5.24	4.80
1466	CHLORDANE	4	17026	.	292.17	UG/KG	.	5.68	2.30
1467	CHLORDANE	4	17030	.	523.33	UG/KG	.	6.26	1.20
1468	CHLORDANE	4	17151	.	210.96	UG/KG	.	5.35	39.50
1470	CHLORDANE	4	16880	.	250.00	UG/KG	.	5.52	1.20
1478	CHLORDANE	4	17060	.	139.71	UG/KG	.	4.94	3.40
1488	CHLORDANE	4	17029	.	136.22	UG/KG	.	4.91	62.40
1491	CHLORDANE	4	17011	.	1041.67	UG/KG	.	6.95	0.48
1496	CHLORDANE	4	17075	.	233.20	UG/KG	.	5.45	2.50
1501	CHLORDANE	4	17074	.	239.57	UG/KG	.	5.48	9.40
1506	CHLORDANE	4	17153	.	209.87	UG/KG	.	5.35	37.50
1509	CHLORDANE	4	17042	.	178.57	UG/KG	.	5.18	47.60
1512	CHLORDANE	4	17138	.	316.71	UG/KG	.	5.76	14.30
1516	CHLORDANE	4	17004	.	333.00	UG/KG	.	5.81	1.00
1527	CHLORDANE	4	17040	.	109.27	UG/KG	.	4.69	72.70
1532	CHLORDANE	4	17007	.	200.67	UG/KG	.	5.30	41.90
1539	CHLORDANE	4		.	269.91	UG/KG	.	5.60	1.07
1549	CHLORDANE	4	17048	.	246.51	UG/KG	.	5.51	6.30
1551	CHLORDANE	4		.	535.00	UG/KG	.	6.28	0.60
1555	CHLORDANE	4	17035	.	308.24	UG/KG	.	5.73	5.10

ANALYTE=CHROMIUM STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	CHROMIUM	1	16821	318.00	.	MG/KG	5.76	.	11.90
1391	CHROMIUM	1	16885	483.00	.	MG/KG	6.18	.	21.80
1419	CHROMIUM	1	16739	1010.00	.	MG/KG	6.92	.	44.00
1436	CHROMIUM	1	17036	219.00	.	MG/KG	5.39	.	38.20
1436	CHROMIUM	1	17145	79.50	.	MG/KG	4.38	.	39.90
1436	CHROMIUM	1	17149	152.00	.	MG/KG	5.02	.	40.90
1437	CHROMIUM	1	17033	179.00	.	MG/KG	5.19	.	16.30
1438	CHROMIUM	1	17034	201.00	.	MG/KG	5.30	.	19.10
1451	CHROMIUM	1	16887	593.00	.	MG/KG	6.39	.	1.10
1452	CHROMIUM	1	16889	1940.00	.	MG/KG	7.57	.	61.80
1452	CHROMIUM	1	16890	1850.00	.	MG/KG	7.52	.	63.40
1469	CHROMIUM	1		1220.00	.	MG/KG	7.11	.	23.90
1471	CHROMIUM	1	17046	204.00	.	MG/KG	5.32	.	25.30
1471	CHROMIUM	1	17052	258.00	.	MG/KG	5.55	.	20.90
1530	CHROMIUM	1	17020	19.30	.	MG/KG	2.96	.	32.60
1530	CHROMIUM	1	17038	32.30	.	MG/KG	3.48	.	9.30
1533	CHROMIUM	1	17022	187.00	.	MG/KG	5.23	.	2.10
1534	CHROMIUM	1	17081	126.00	.	MG/KG	4.84	.	75.00
1543	CHROMIUM	1	17065	165.00	.	MG/KG	5.11	.	15.00
1543	CHROMIUM	1	17130	165.00	.	MG/KG	5.11	.	50.50
1543	CHROMIUM	1	17141	126.00	.	MG/KG	4.84	.	18.10
1550	CHROMIUM	1		329.00	.	MG/KG	5.80	.	10.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CHROMIUM STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1552	CHROMIUM	1		507.00	.	MG/KG	6.23	.	3.80
1553	CHROMIUM	1	16884	339.00	.	MG/KG	5.83	.	2.00
1556	CHROMIUM	1	16896	489.00	.	MG/KG	6.19	.	1.80
1559	CHROMIUM	1		188.50	.	MG/KG	5.24	.	8.45

ANALYTE=CHROMIUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	CHROMIUM	2	16527	39.00	.	MG/KG	3.66	.	19.20
1365	CHROMIUM	2	16528	147.00	.	MG/KG	4.99	.	3.00
1366	CHROMIUM	2	16814	270.00	.	MG/KG	5.60	.	25.00
1369	CHROMIUM	2	16818	51.30	.	MG/KG	3.94	.	17.80
1380	CHROMIUM	2		12.85	.	MG/KG	2.55	.	30.55
1390	CHROMIUM	2	16834	82.80	.	MG/KG	4.42	.	32.20
1392	CHROMIUM	2		55.30	.	MG/KG	4.01	.	21.55
1393	CHROMIUM	2	16529	23.10	.	MG/KG	3.14	.	5.10
1399	CHROMIUM	2		89.85	.	MG/KG	4.50	.	4.15
1400	CHROMIUM	2	16810	60.50	.	MG/KG	4.10	.	2.30
1403	CHROMIUM	2	16811	1270.00	.	MG/KG	7.15	.	71.70
1410	CHROMIUM	2	16833	279.00	.	MG/KG	5.63	.	30.80
1413	CHROMIUM	2	17025	343.00	.	MG/KG	5.84	.	2.80
1413	CHROMIUM	2	17061	316.00	.	MG/KG	5.76	.	18.10
1418	CHROMIUM	2	16743	136.00	.	MG/KG	4.91	.	3.70
1421	CHROMIUM	2		101.30	.	MG/KG	4.62	.	1.85
1422	CHROMIUM	2	16831	60.60	.	MG/KG	4.10	.	18.30
1423	CHROMIUM	2	16832	56.80	.	MG/KG	4.04	.	20.40
1424	CHROMIUM	2	16799	1670.00	.	MG/KG	7.42	.	14.30
1426	CHROMIUM	2	16868	173.00	.	MG/KG	5.15	.	3.10
1429	CHROMIUM	2		318.00	.	MG/KG	5.76	.	17.05
1443	CHROMIUM	2	16823	654.00	.	MG/KG	6.48	.	4.40
1443	CHROMIUM	2	16825	408.00	.	MG/KG	6.01	.	3.90
1447	CHROMIUM	2		752.50	.	MG/KG	6.62	.	3.60
1453	CHROMIUM	2	16888	89.10	.	MG/KG	4.49	.	18.60
1454	CHROMIUM	2	16838	1400.00	.	MG/KG	7.24	.	38.30
1454	CHROMIUM	2	16839	641.00	.	MG/KG	6.46	.	20.00
1456	CHROMIUM	2	17021	505.00	.	MG/KG	6.22	.	2.00
1460	CHROMIUM	2	16879	405.00	.	MG/KG	6.00	.	33.20
1463	CHROMIUM	2	16873	1870.00	.	MG/KG	7.53	.	3.80
1463	CHROMIUM	2	16874	653.00	.	MG/KG	6.48	.	63.60
1481	CHROMIUM	2	17136	107.00	.	MG/KG	4.67	.	14.80
1482	CHROMIUM	2		22.85	.	MG/KG	3.13	.	19.90
1484	CHROMIUM	2	17024	23.80	.	MG/KG	3.17	.	21.00
1485	CHROMIUM	2	17132	33.70	.	MG/KG	3.52	.	4.64
1485	CHROMIUM	2	17133	39.50	.	MG/KG	3.68	.	15.20
1493	CHROMIUM	2		226.50	.	MG/KG	5.42	.	82.80
1495	CHROMIUM	2	17155	108.00	.	MG/KG	4.68	.	44.30
1499	CHROMIUM	2	17019	167.00	.	MG/KG	5.12	.	4.90
1500	CHROMIUM	2		174.00	.	MG/KG	5.16	.	20.05
1503	CHROMIUM	2	17079	154.00	.	MG/KG	5.04	.	31.90
1510	CHROMIUM	2	17072	75.70	.	MG/KG	4.33	.	10.60
1514	CHROMIUM	2	17085	47.90	.	MG/KG	3.87	.	11.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CHROMIUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1515	CHROMIUM	2		239.00	.	MG/KG	5.48	.	94.30
1520	CHROMIUM	2	16855	34.70	.	MG/KG	3.55	.	41.10
1521	CHROMIUM	2	16860	245.00	.	MG/KG	5.50	.	19.20
1522	CHROMIUM	2	16853	21.40	.	MG/KG	3.06	.	17.50
1523	CHROMIUM	2		20.40	.	MG/KG	3.02	.	50.00
1524	CHROMIUM	2	16854	50.40	.	MG/KG	3.92	.	26.30
1524	CHROMIUM	2	16856	56.50	.	MG/KG	4.03	.	23.60
1529	CHROMIUM	2	17086	416.00	.	MG/KG	6.03	.	13.00
1535	CHROMIUM	2	17088	204.00	.	MG/KG	5.32	.	2.80
1538	CHROMIUM	2	17087	276.00	.	MG/KG	5.62	.	70.50
1540	CHROMIUM	2	17093	113.00	.	MG/KG	4.73	.	24.40
1544	CHROMIUM	2	16803	17.40	.	MG/KG	2.86	.	20.30
1545	CHROMIUM	2	16805	248.00	.	MG/KG	5.51	.	20.60
1554	CHROMIUM	2	17066	133.00	.	MG/KG	4.89	.	77.90
1554	CHROMIUM	2	17071	94.70	.	MG/KG	4.55	.	27.90
1558	CHROMIUM	2	16801	121.00	.	MG/KG	4.80	.	14.90
1564	CHROMIUM	2	17043	211.00	.	MG/KG	5.35	.	25.50
1564	CHROMIUM	2	17049	224.00	.	MG/KG	5.41	.	48.70

ANALYTE=CHROMIUM STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	CHROMIUM	3	16532	145.00	.	MG/KG	4.98	.	5.50
1367	CHROMIUM	3	16533	128.00	.	MG/KG	4.85	.	16.30
1367	CHROMIUM	3	16534	121.00	.	MG/KG	4.80	.	89.60
1370	CHROMIUM	3	16817	37.80	.	MG/KG	3.63	.	14.20
1381	CHROMIUM	3	16819	94.10	.	MG/KG	4.54	.	3.40
1382	CHROMIUM	3	16816	67.20	.	MG/KG	4.21	.	74.50
1384	CHROMIUM	3	16536	229.00	.	MG/KG	5.43	.	33.20
1385	CHROMIUM	3	16886	60.30	.	MG/KG	4.10	.	4.30
1395	CHROMIUM	3	16861	344.00	.	MG/KG	5.84	.	2.30
1395	CHROMIUM	3	16862	333.00	.	MG/KG	5.81	.	19.10
1396	CHROMIUM	3	16830	341.00	.	MG/KG	5.83	.	3.20
1397	CHROMIUM	3	16851	57.30	.	MG/KG	4.05	.	7.80
1402	CHROMIUM	3	16809	18.60	.	MG/KG	2.92	.	1.40
1404	CHROMIUM	3		289.50	.	MG/KG	5.67	.	2.00
1405	CHROMIUM	3	16843	131.00	.	MG/KG	4.88	.	15.20
1405	CHROMIUM	3	16844	147.00	.	MG/KG	4.99	.	53.80
1406	CHROMIUM	3	16841	37.50	.	MG/KG	3.62	.	1.60
1409	CHROMIUM	3		310.00	.	MG/KG	5.74	.	4.55
1411	CHROMIUM	3	16826	47.90	.	MG/KG	3.87	.	80.90
1412	CHROMIUM	3	16829	78.20	.	MG/KG	4.36	.	3.50
1416	CHROMIUM	3		15.50	.	MG/KG	2.74	.	35.80
1425	CHROMIUM	3	16878	96.30	.	MG/KG	4.57	.	19.50
1428	CHROMIUM	3	16869	64.00	.	MG/KG	4.16	.	0.50
1433	CHROMIUM	3	16800	77.50	.	MG/KG	4.35	.	89.30
1434	CHROMIUM	3	16806	86.80	.	MG/KG	4.46	.	17.70
1435	CHROMIUM	3	17016	40.20	.	MG/KG	3.69	.	65.40
1439	CHROMIUM	3	17047	22.60	.	MG/KG	3.12	.	10.10
1440	CHROMIUM	3	17050	53.20	.	MG/KG	3.97	.	19.10
1448	CHROMIUM	3	16725	74.70	.	MG/KG	4.31	.	62.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=CHROMIUM STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	CHROMIUM	3	16746	10.10	.	MG/KG	2.31	.	10.90
1449	CHROMIUM	3		445.20	.	MG/KG	6.10	.	2.35
1462	CHROMIUM	3	16849	2320.00	.	MG/KG	7.75	.	7.20
1472	CHROMIUM	3		276.50	.	MG/KG	5.62	.	20.45
1474	CHROMIUM	3	17031	572.00	.	MG/KG	6.35	.	15.20
1475	CHROMIUM	3	17028	163.00	.	MG/KG	5.09	.	30.70
1476	CHROMIUM	3		22.30	.	MG/KG	3.10	.	23.50
1479	CHROMIUM	3	17144	8.90	.	MG/KG	2.19	.	30.10
1479	CHROMIUM	3	17150	.	11.30	MG/KG	.	2.42	1.76
1480	CHROMIUM	3	17044	40.20	.	MG/KG	3.69	.	3.60
1486	CHROMIUM	3	17131	37.70	.	MG/KG	3.63	.	2.60
1487	CHROMIUM	3	17023	95.20	.	MG/KG	4.56	.	14.50
1489	CHROMIUM	3	17041	28.80	.	MG/KG	3.36	.	34.10
1490	CHROMIUM	3	17027	97.50	.	MG/KG	4.58	.	2.00
1492	CHROMIUM	3	17010	88.80	.	MG/KG	4.49	.	60.20
1497	CHROMIUM	3	17015	420.00	.	MG/KG	6.04	.	0.19
1498	CHROMIUM	3		53.40	.	MG/KG	3.98	.	4.50
1502	CHROMIUM	3	17073	47.10	.	MG/KG	3.85	.	2.90
1504	CHROMIUM	3	17078	624.00	.	MG/KG	6.44	.	0.93
1505	CHROMIUM	3	17152	189.00	.	MG/KG	5.24	.	26.20
1507	CHROMIUM	3	17154	28.10	.	MG/KG	3.34	.	67.30
1508	CHROMIUM	3	17084	58.40	.	MG/KG	4.07	.	2.70
1511	CHROMIUM	3	17139	299.00	.	MG/KG	5.70	.	41.60
1513	CHROMIUM	3	17083	30.80	.	MG/KG	3.43	.	1.29
1517	CHROMIUM	3	17002	27.30	.	MG/KG	3.31	.	53.70
1518	CHROMIUM	3	17003	35.70	.	MG/KG	3.58	.	65.60
1519	CHROMIUM	3	17005	939.00	.	MG/KG	6.84	.	11.80
1525	CHROMIUM	3	17001	52.90	.	MG/KG	3.97	.	59.20
1526	CHROMIUM	3		33.20	.	MG/KG	3.50	.	27.75
1537	CHROMIUM	3	17090	31.60	.	MG/KG	3.45	.	17.30
1541	CHROMIUM	3	17091	22.40	.	MG/KG	3.11	.	5.00
1542	CHROMIUM	3	17089	1950.00	.	MG/KG	7.58	.	76.80
1546	CHROMIUM	3	16804	86.50	.	MG/KG	4.46	.	22.60
1547	CHROMIUM	3	17070	34.40	.	MG/KG	3.54	.	45.10
1548	CHROMIUM	3	17067	33.00	.	MG/KG	3.50	.	18.10
1560	CHROMIUM	3	16883	78.00	.	MG/KG	4.36	.	71.40
1561	CHROMIUM	3	16891	48.20	.	MG/KG	3.88	.	2.20
1561	CHROMIUM	3	16892	41.30	.	MG/KG	3.72	.	68.30
1563	CHROMIUM	3	17143	27.70	.	MG/KG	3.32	.	2.65
1565	CHROMIUM	3	17057	29.40	.	MG/KG	3.38	.	0.75
1566	CHROMIUM	3		40.30	.	MG/KG	3.70	.	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=CHROMIUM STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	CHROMIUM	4	16525	10.00	.	MG/KG	2.30	.	100.00
1363	CHROMIUM	4	16526	274.00	.	MG/KG	5.61	.	0.80
1388	CHROMIUM	4	16815	3.10	.	MG/KG	1.13	.	25.60
1389	CHROMIUM	4	16835	41.60	.	MG/KG	3.73	.	34.80
1401	CHROMIUM	4	16802	5.40	.	MG/KG	1.69	.	1.00
1407	CHROMIUM	4	16842	72.90	.	MG/KG	4.29	.	37.40
1408	CHROMIUM	4	16540	2.00	.	MG/KG	0.69	.	15.10
1414	CHROMIUM	4	16744	14.70	.	MG/KG	2.69	.	1.90
1415	CHROMIUM	4	16750	.	40.00	MG/KG	.	3.69	0.50
1417	CHROMIUM	4	16742	21.30	.	MG/KG	3.06	.	1.50
1420	CHROMIUM	4	16864	32.20	.	MG/KG	3.47	.	10.70
1427	CHROMIUM	4	16867	16.10	.	MG/KG	2.78	.	52.80
1430	CHROMIUM	4	16537	85.80	.	MG/KG	4.45	.	66.00
1431	CHROMIUM	4	16538	30.10	.	MG/KG	3.40	.	20.30
1432	CHROMIUM	4	16539	24.30	.	MG/KG	3.19	.	42.00
1441	CHROMIUM	4	16798	3.90	.	MG/KG	1.36	.	2.80
1442	CHROMIUM	4	16797	2.20	.	MG/KG	0.79	.	64.00
1445	CHROMIUM	4	16871	76.70	.	MG/KG	4.34	.	1.70
1455	CHROMIUM	4	16837	342.00	.	MG/KG	5.83	.	44.80
1459	CHROMIUM	4	16747	57.50	.	MG/KG	4.05	.	0.80
1461	CHROMIUM	4	16852	118.00	.	MG/KG	4.77	.	0.23
1464	CHROMIUM	4	16876	2060.00	.	MG/KG	7.63	.	19.10
1465	CHROMIUM	4	16877	163.00	.	MG/KG	5.09	.	4.80
1466	CHROMIUM	4	17026	1940.00	.	MG/KG	7.57	.	2.30
1467	CHROMIUM	4	17030	.	16.70	MG/KG	.	2.82	1.20
1468	CHROMIUM	4	17151	10.70	.	MG/KG	2.37	.	39.50
1470	CHROMIUM	4	16880	40.10	.	MG/KG	3.69	.	1.20
1478	CHROMIUM	4	17060	55.90	.	MG/KG	4.02	.	3.40
1488	CHROMIUM	4	17029	58.30	.	MG/KG	4.07	.	62.40
1491	CHROMIUM	4	17011	.	41.70	MG/KG	.	3.73	0.48
1496	CHROMIUM	4	17075	21.30	.	MG/KG	3.06	.	2.50
1501	CHROMIUM	4	17074	64.50	.	MG/KG	4.17	.	9.40
1506	CHROMIUM	4	17153	9.60	.	MG/KG	2.26	.	37.50
1509	CHROMIUM	4	17042	34.70	.	MG/KG	3.55	.	47.60
1512	CHROMIUM	4	17138	41.50	.	MG/KG	3.73	.	14.30
1516	CHROMIUM	4	17004	54.00	.	MG/KG	3.99	.	1.00
1527	CHROMIUM	4	17040	11.20	.	MG/KG	2.42	.	72.70
1532	CHROMIUM	4	17007	38.20	.	MG/KG	3.64	.	41.90
1539	CHROMIUM	4		.	19.10	MG/KG	.	2.95	1.07
1549	CHROMIUM	4	17048	26.50	.	MG/KG	3.28	.	6.30
1551	CHROMIUM	4		.	34.85	MG/KG	.	3.55	0.60
1555	CHROMIUM	4	17035	47.90	.	MG/KG	3.87	.	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=COPPER STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	COPPER	1	16821	870.00	.	MG/KG	6.77	.	11.90
1391	COPPER	1	16885	389.00	.	MG/KG	5.96	.	21.80
1419	COPPER	1	16739	789.00	.	MG/KG	6.67	.	44.00
1436	COPPER	1	17036	686.00	.	MG/KG	6.53	.	38.20
1436	COPPER	1	17145	335.00	.	MG/KG	5.81	.	39.90
1436	COPPER	1	17149	534.00	.	MG/KG	6.28	.	40.90
1437	COPPER	1	17033	799.00	.	MG/KG	6.68	.	16.30
1438	COPPER	1	17034	755.00	.	MG/KG	6.63	.	19.10
1451	COPPER	1	16887	708.00	.	MG/KG	6.56	.	1.10
1452	COPPER	1	16889	1160.00	.	MG/KG	7.06	.	61.80
1452	COPPER	1	16890	1220.00	.	MG/KG	7.11	.	63.40
1469	COPPER	1		1790.00	.	MG/KG	7.49	.	23.90
1471	COPPER	1	17046	470.00	.	MG/KG	6.15	.	25.30
1471	COPPER	1	17052	669.00	.	MG/KG	6.51	.	20.90
1530	COPPER	1	17020	212.00	.	MG/KG	5.36	.	32.60
1530	COPPER	1	17038	370.00	.	MG/KG	5.91	.	9.30
1533	COPPER	1	17022	336.00	.	MG/KG	5.82	.	2.10
1534	COPPER	1	17081	132.00	.	MG/KG	4.88	.	75.00
1543	COPPER	1	17065	231.00	.	MG/KG	5.44	.	15.00
1543	COPPER	1	17130	241.00	.	MG/KG	5.48	.	50.50
1543	COPPER	1	17141	453.00	.	MG/KG	6.12	.	18.10
1550	COPPER	1		445.50	.	MG/KG	6.10	.	10.40
1552	COPPER	1		2375.00	.	MG/KG	7.77	.	3.80
1553	COPPER	1	16884	1860.00	.	MG/KG	7.53	.	2.00
1556	COPPER	1	16896	1400.00	.	MG/KG	7.24	.	1.80
1559	COPPER	1		786.50	.	MG/KG	6.67	.	8.45

---------- ANALYTE=COPPER STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	COPPER	2	16527	259.00	.	MG/KG	5.56	.	19.20
1365	COPPER	2	16528	1260.00	.	MG/KG	7.14	.	3.00
1366	COPPER	2	16814	810.00	.	MG/KG	6.70	.	25.00
1369	COPPER	2	16818	403.00	.	MG/KG	6.00	.	17.80
1380	COPPER	2		390.50	.	MG/KG	5.97	.	30.55
1390	COPPER	2	16834	236.00	.	MG/KG	5.46	.	32.20
1392	COPPER	2		279.00	.	MG/KG	5.63	.	21.55
1393	COPPER	2	16529	338.00	.	MG/KG	5.82	.	5.10
1399	COPPER	2		150.50	.	MG/KG	5.01	.	4.15
1400	COPPER	2	16810	865.00	.	MG/KG	6.76	.	2.30
1403	COPPER	2	16811	2500.00	.	MG/KG	7.82	.	71.70
1410	COPPER	2	16833	415.00	.	MG/KG	6.03	.	30.80
1413	COPPER	2	17025	483.00	.	MG/KG	6.18	.	2.80
1413	COPPER	2	17061	449.00	.	MG/KG	6.11	.	18.10
1418	COPPER	2	16743	605.00	.	MG/KG	6.41	.	3.70
1421	COPPER	2		1035.00	.	MG/KG	6.94	.	1.85
1422	COPPER	2	16831	1760.00	.	MG/KG	7.47	.	18.30
1423	COPPER	2	16832	657.00	.	MG/KG	6.49	.	20.40
1424	COPPER	2	16799	1570.00	.	MG/KG	7.36	.	14.30
1426	COPPER	2	16868	1830.00	.	MG/KG	7.51	.	3.10
1429	COPPER	2		1110.00	.	MG/KG	7.01	.	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=COPPER STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	COPPER	2	16823	226.00	.	MG/KG	5.42	.	4.40
1443	COPPER	2	16825	288.00	.	MG/KG	5.66	.	3.90
1447	COPPER	2		361.50	.	MG/KG	5.89	.	3.60
1453	COPPER	2	16888	2900.00	.	MG/KG	7.97	.	18.60
1454	COPPER	2	16838	3120.00	.	MG/KG	8.05	.	38.30
1454	COPPER	2	16839	1540.00	.	MG/KG	7.34	.	20.00
1456	COPPER	2	17021	641.00	.	MG/KG	6.46	.	2.00
1460	COPPER	2	16879	821.00	.	MG/KG	6.71	.	33.20
1463	COPPER	2	16873	942.00	.	MG/KG	6.85	.	3.80
1463	COPPER	2	16874	341.00	.	MG/KG	5.83	.	63.60
1481	COPPER	2	17136	644.00	.	MG/KG	6.47	.	14.80
1482	COPPER	2		541.00	.	MG/KG	6.29	.	19.90
1484	COPPER	2	17024	607.00	.	MG/KG	6.41	.	21.00
1485	COPPER	2	17132	339.00	.	MG/KG	5.83	.	4.64
1485	COPPER	2	17133	424.00	.	MG/KG	6.05	.	15.20
1493	COPPER	2		316.00	.	MG/KG	5.76	.	82.80
1495	COPPER	2	17155	237.00	.	MG/KG	5.47	.	44.30
1499	COPPER	2	17019	515.00	.	MG/KG	6.24	.	4.90
1500	COPPER	2		573.00	.	MG/KG	6.35	.	20.05
1503	COPPER	2	17079	92.30	.	MG/KG	4.53	.	31.90
1510	COPPER	2	17072	719.00	.	MG/KG	6.58	.	10.60
1514	COPPER	2	17085	386.00	.	MG/KG	5.96	.	11.00
1515	COPPER	2		488.00	.	MG/KG	6.19	.	94.30
1520	COPPER	2	16855	471.00	.	MG/KG	6.15	.	41.10
1521	COPPER	2	16860	2120.00	.	MG/KG	7.66	.	19.20
1522	COPPER	2	16853	355.00	.	MG/KG	5.87	.	17.50
1523	COPPER	2		140.50	.	MG/KG	4.95	.	50.00
1524	COPPER	2	16854	378.00	.	MG/KG	5.93	.	26.30
1524	COPPER	2	16856	510.00	.	MG/KG	6.23	.	23.60
1529	COPPER	2	17086	860.00	.	MG/KG	6.76	.	13.00
1535	COPPER	2	17088	524.00	.	MG/KG	6.26	.	2.80
1538	COPPER	2	17087	1320.00	.	MG/KG	7.19	.	70.50
1540	COPPER	2	17093	459.00	.	MG/KG	6.13	.	24.40
1544	COPPER	2	16803	490.00	.	MG/KG	6.19	.	20.30
1545	COPPER	2	16805	742.00	.	MG/KG	6.61	.	20.60
1554	COPPER	2	17066	623.00	.	MG/KG	6.43	.	77.90
1554	COPPER	2	17071	462.00	.	MG/KG	6.14	.	27.90
1558	COPPER	2	16801	859.00	.	MG/KG	6.76	.	14.90
1564	COPPER	2	17043	674.00	.	MG/KG	6.51	.	25.50
1564	COPPER	2	17049	534.00	.	MG/KG	6.28	.	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=COPPER STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	COPPER	3	16532	6.80	.	MG/KG	1.92	.	5.50
1367	COPPER	3	16533	559.00	.	MG/KG	6.33	.	16.30
1367	COPPER	3	16534	638.00	.	MG/KG	6.46	.	89.60
1370	COPPER	3	16817	2410.00	.	MG/KG	7.79	.	14.20
1381	COPPER	3	16819	647.00	.	MG/KG	6.47	.	3.40
1382	COPPER	3	16816	140.00	.	MG/KG	4.94	.	74.50
1384	COPPER	3	16536	465.00	.	MG/KG	6.14	.	33.20
1385	COPPER	3	16886	581.00	.	MG/KG	6.36	.	4.30
1395	COPPER	3	16861	931.00	.	MG/KG	6.84	.	2.30
1395	COPPER	3	16862	1050.00	.	MG/KG	6.96	.	19.10
1396	COPPER	3	16830	906.00	.	MG/KG	6.81	.	3.20
1397	COPPER	3	16851	968.00	.	MG/KG	6.88	.	7.80
1402	COPPER	3	16809	869.00	.	MG/KG	6.77	.	1.40
1404	COPPER	3		1552.00	.	MG/KG	7.35	.	2.00
1405	COPPER	3	16843	338.00	.	MG/KG	5.82	.	15.20
1405	COPPER	3	16844	339.00	.	MG/KG	5.83	.	53.80
1406	COPPER	3	16841	702.00	.	MG/KG	6.55	.	1.60
1409	COPPER	3		838.00	.	MG/KG	6.73	.	4.55
1411	COPPER	3	16826	239.00	.	MG/KG	5.48	.	80.90
1412	COPPER	3	16829	444.00	.	MG/KG	6.10	.	3.50
1416	COPPER	3		485.00	.	MG/KG	6.18	.	35.80
1425	COPPER	3	16878	1930.00	.	MG/KG	7.57	.	19.50
1428	COPPER	3	16869	384.00	.	MG/KG	5.95	.	0.50
1433	COPPER	3	16800	323.00	.	MG/KG	5.78	.	89.30
1434	COPPER	3	16806	455.00	.	MG/KG	6.12	.	17.70
1435	COPPER	3	17016	323.00	.	MG/KG	5.78	.	65.40
1439	COPPER	3	17047	969.00	.	MG/KG	6.88	.	10.10
1440	COPPER	3	17050	318.00	.	MG/KG	5.76	.	19.10
1448	COPPER	3	16745	435.00	.	MG/KG	6.08	.	62.60
1448	COPPER	3	16746	73.00	.	MG/KG	4.29	.	10.90
1449	COPPER	3		351.75	.	MG/KG	5.86	.	2.35
1462	COPPER	3	16849	1120.00	.	MG/KG	7.02	.	7.20
1472	COPPER	3		336.00	.	MG/KG	5.82	.	20.45
1474	COPPER	3	17031	852.00	.	MG/KG	6.75	.	15.20
1475	COPPER	3	17028	507.00	.	MG/KG	6.23	.	30.70
1476	COPPER	3		251.00	.	MG/KG	5.53	.	23.50
1479	COPPER	3	17144	231.00	.	MG/KG	5.44	.	30.10
1479	COPPER	3	17150	164.00	.	MG/KG	5.10	.	1.76
1480	COPPER	3	17044	567.00	.	MG/KG	6.34	.	3.60
1486	COPPER	3	17131	508.00	.	MG/KG	6.23	.	2.60
1487	COPPER	3	17023	694.00	.	MG/KG	6.54	.	14.50
1489	COPPER	3	17041	220.00	.	MG/KG	5.39	.	34.10
1490	COPPER	3	17027	478.00	.	MG/KG	6.17	.	2.00
1492	COPPER	3	17010	483.00	.	MG/KG	6.18	.	60.20
1497	COPPER	3	17015	1180.00	.	MG/KG	7.07	.	0.19
1498	COPPER	3		279.50	.	MG/KG	5.63	.	4.50
1502	COPPER	3	17073	250.00	.	MG/KG	5.52	.	2.90
1504	COPPER	3	17078	185.00	.	MG/KG	5.22	.	0.93
1505	COPPER	3	17152	711.00	.	MG/KG	6.57	.	26.20
1507	COPPER	3	17154	385.00	.	MG/KG	5.95	.	67.30
1508	COPPER	3	17084	325.00	.	MG/KG	5.78	.	2.70
1511	COPPER	3	17139	1200.00	.	MG/KG	7.09	.	41.60
1513	COPPER	3	17083	450.00	.	MG/KG	6.11	.	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=COPPER STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	COPPER	3	17002	1410.00	.	MG/KG	7.25	.	53.70
1518	COPPER	3	17003	669.00	.	MG/KG	6.51	.	65.60
1519	COPPER	3	17005	1870.00	.	MG/KG	7.53	.	11.80
1525	COPPER	3	17001	355.00	.	MG/KG	5.87	.	59.20
1526	COPPER	3		199.50	.	MG/KG	5.30	.	27.75
1537	COPPER	3	17090	360.00	.	MG/KG	5.89	.	17.30
1541	COPPER	3	17091	248.00	.	MG/KG	5.51	.	5.00
1542	COPPER	3	17089	749.00	.	MG/KG	6.62	.	76.80
1546	COPPER	3	16804	559.00	.	MG/KG	6.33	.	22.60
1547	COPPER	3	17070	586.00	.	MG/KG	6.37	.	45.10
1548	COPPER	3	17067	1400.00	.	MG/KG	7.24	.	18.10
1560	COPPER	3	16883	830.00	.	MG/KG	6.72	.	71.40
1561	COPPER	3	16891	167.00	.	MG/KG	5.12	.	2.20
1561	COPPER	3	16892	155.00	.	MG/KG	5.04	.	68.30
1563	COPPER	3	17143	648.00	.	MG/KG	6.47	.	2.65
1565	COPPER	3	17057	473.00	.	MG/KG	6.16	.	0.75
1566	COPPER	3		191.10	.	MG/KG	5.25	.	1.15

---------- ANALYTE=COPPER STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	COPPER	4	16525	404.00	.	MG/KG	6.00	.	100.00
1363	COPPER	4	16526	684.00	.	MG/KG	6.53	.	0.80
1388	COPPER	4	16815	57.40	.	MG/KG	4.05	.	25.60
1389	COPPER	4	16835	855.00	.	MG/KG	6.75	.	34.80
1401	COPPER	4	16802	917.00	.	MG/KG	6.82	.	1.00
1407	COPPER	4	16842	343.00	.	MG/KG	5.84	.	37.40
1408	COPPER	4	16540	33.70	.	MG/KG	3.52	.	15.10
1414	COPPER	4	16744	596.00	.	MG/KG	6.39	.	1.90
1415	COPPER	4	16750	340.00	.	MG/KG	5.83	.	0.50
1417	COPPER	4	16742	428.00	.	MG/KG	6.06	.	1.50
1420	COPPER	4	16864	995.00	.	MG/KG	6.90	.	10.70
1427	COPPER	4	16867	285.00	.	MG/KG	5.65	.	52.80
1430	COPPER	4	16537	902.00	.	MG/KG	6.80	.	66.00
1431	COPPER	4	16538	1940.00	.	MG/KG	7.57	.	20.30
1432	COPPER	4	16539	505.00	.	MG/KG	6.22	.	42.00
1441	COPPER	4	16798	1010.00	.	MG/KG	6.92	.	2.80
1442	COPPER	4	16797	17.40	.	MG/KG	2.86	.	64.00
1445	COPPER	4	16871	411.00	.	MG/KG	6.02	.	1.70
1455	COPPER	4	16837	635.00	.	MG/KG	6.45	.	44.80
1459	COPPER	4	16747	925.00	.	MG/KG	6.83	.	0.80
1461	COPPER	4	16852	357.00	.	MG/KG	5.88	.	0.23
1464	COPPER	4	16876	3060.00	.	MG/KG	8.03	.	19.10
1465	COPPER	4	16877	677.00	.	MG/KG	6.52	.	4.80
1466	COPPER	4	17026	1230.00	.	MG/KG	7.11	.	2.30
1467	COPPER	4	17030	296.00	.	MG/KG	5.69	.	1.20
1468	COPPER	4	17151	345.00	.	MG/KG	5.84	.	39.50
1470	COPPER	4	16880	1640.00	.	MG/KG	7.40	.	1.20
1478	COPPER	4	17060	464.00	.	MG/KG	6.14	.	3.40
1488	COPPER	4	17029	284.00	.	MG/KG	5.65	.	62.40
1491	COPPER	4	17011	229.00	.	MG/KG	5.43	.	0.48

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=COPPER STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1496	COPPER	4	17075	702.00	.	MG/KG	6.55	.	2.50
1501	COPPER	4	17074	223.00	.	MG/KG	5.41	.	9.40
1506	COPPER	4	17153	132.00	.	MG/KG	4.88	.	37.50
1509	COPPER	4	17042	161.00	.	MG/KG	5.08	.	47.60
1512	COPPER	4	17138	984.00	.	MG/KG	6.89	.	14.30
1516	COPPER	4	17004	454.00	.	MG/KG	6.12	.	1.00
1527	COPPER	4	17040	185.00	.	MG/KG	5.22	.	72.70
1532	COPPER	4	17007	466.00	.	MG/KG	6.14	.	41.90
1539	COPPER	4		402.00	.	MG/KG	6.00	.	1.07
1549	COPPER	4	17048	954.00	.	MG/KG	6.86	.	6.30
1551	COPPER	4		462.50	.	MG/KG	6.14	.	0.60
1555	COPPER	4	17035	1970.00	.	MG/KG	7.59	.	5.10

ANALYTE=DIELDRIN STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	DIELDRIN	1	16821	.	10.67	UG/KG	.	2.37	11.90
1391	DIELDRIN	1	16885	.	10.32	UG/KG	.	2.33	21.80
1419	DIELDRIN	1	16739	.	7.66	UG/KG	.	2.04	44.00
1436	DIELDRIN	1	17036	.	8.82	UG/KG	.	2.18	38.20
1436	DIELDRIN	1	17145	.	8.35	UG/KG	.	2.12	39.90
1436	DIELDRIN	1	17149	.	8.14	UG/KG	.	2.10	40.90
1437	DIELDRIN	1	17033	.	10.55	UG/KG	.	2.36	16.30
1438	DIELDRIN	1	17034	22.62	.	UG/KG	3.12	.	19.10
1451	DIELDRIN	1	16887	.	15.45	UG/KG	.	2.74	1.10
1452	DIELDRIN	1	16889	.	5.18	UG/KG	.	1.64	61.80
1452	DIELDRIN	1	16890	.	5.24	UG/KG	.	1.66	63.40
1469	DIELDRIN	1		.	10.53	UG/KG	.	2.35	23.90
1471	DIELDRIN	1	17046	.	10.32	UG/KG	.	2.33	25.30
1471	DIELDRIN	1	17052	.	10.19	UG/KG	.	2.32	20.90
1530	DIELDRIN	1	17020	.	8.80	UG/KG	.	2.18	32.60
1530	DIELDRIN	1	17038	.	10.54	UG/KG	.	2.35	9.30
1533	DIELDRIN	1	17022	.	11.43	UG/KG	.	2.44	2.10
1534	DIELDRIN	1	17081	.	4.49	UG/KG	.	1.50	75.00
1543	DIELDRIN	1	17065	.	11.47	UG/KG	.	2.44	15.00
1543	DIELDRIN	1	17130	.	6.53	UG/KG	.	1.88	50.50
1543	DIELDRIN	1	17141	.	10.06	UG/KG	.	2.31	18.10
1550	DIELDRIN	1		.	6.56	UG/KG	.	1.88	10.40
1552	DIELDRIN	1		.	11.97	UG/KG	.	2.48	3.80
1553	DIELDRIN	1	16884	.	13.50	UG/KG	.	2.60	2.00
1556	DIELDRIN	1	16896	.	15.00	UG/KG	.	2.71	1.80
1559	DIELDRIN	1		.	9.83	UG/KG	.	2.29	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=DIELDRIN STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	DIELDRIN	2	16527	.	11.25	UG/KG	.	2.42	19.20
1365	DIELDRIN	2	16528	.	17.33	UG/KG	.	2.85	3.00
1366	DIELDRIN	2	16814	.	10.92	UG/KG	.	2.39	25.00
1369	DIELDRIN	2	16818	.	10.62	UG/KG	.	2.36	17.80
1380	DIELDRIN	2		.	11.12	UG/KG	.	2.41	30.55
1390	DIELDRIN	2	16834	.	9.10	UG/KG	.	2.21	32.20
1392	DIELDRIN	2		.	6.57	UG/KG	.	1.88	21.55
1393	DIELDRIN	2	16529	.	16.67	UG/KG	.	2.81	5.10
1399	DIELDRIN	2		.	7.47	UG/KG	.	2.01	4.15
1400	DIELDRIN	2	16810	.	9.57	UG/KG	.	2.26	2.30
1403	DIELDRIN	2	16811	.	4.70	UG/KG	.	1.55	71.70
1410	DIELDRIN	2	16833	.	6.30	UG/KG	.	1.84	30.80
1413	DIELDRIN	2	17025	.	11.79	UG/KG	.	2.47	2.80
1413	DIELDRIN	2	17061	.	10.11	UG/KG	.	2.31	18.10
1418	DIELDRIN	2	16743	.	10.54	UG/KG	.	2.36	3.70
1421	DIELDRIN	2		.	15.15	UG/KG	.	2.72	1.85
1422	DIELDRIN	2	16831	.	12.46	UG/KG	.	2.52	18.30
1423	DIELDRIN	2	16832	.	10.59	UG/KG	.	2.36	20.40
1424	DIELDRIN	2	16799	.	12.03	UG/KG	.	2.49	14.30
1426	DIELDRIN	2	16868	.	11.94	UG/KG	.	2.48	3.10
1429	DIELDRIN	2		.	10.03	UG/KG	.	2.31	17.05
1443	DIELDRIN	2	16823	.	12.05	UG/KG	.	2.49	4.40
1443	DIELDRIN	2	16825	.	11.28	UG/KG	.	2.42	3.90
1447	DIELDRIN	2		.	8.75	UG/KG	.	2.17	3.60
1453	DIELDRIN	2	16888	.	10.43	UG/KG	.	2.34	18.60
1454	DIELDRIN	2	16838	.	8.80	UG/KG	.	2.17	38.30
1454	DIELDRIN	2	16839	.	7.40	UG/KG	.	2.00	20.00
1456	DIELDRIN	2	17021	.	8.00	UG/KG	.	2.08	2.00
1460	DIELDRIN	2	16879	.	9.01	UG/KG	.	2.20	33.20
1463	DIELDRIN	2	16873	.	11.05	UG/KG	.	2.40	3.80
1463	DIELDRIN	2	16874	.	3.46	UG/KG	.	1.24	63.60
1481	DIELDRIN	2	17136	.	11.62	UG/KG	.	2.45	14.80
1482	DIELDRIN	2		.	11.00	UG/KG	.	2.40	19.90
1484	DIELDRIN	2	17024	.	11.19	UG/KG	.	2.42	21.00
1485	DIELDRIN	2	17132	.	9.05	UG/KG	.	2.20	4.64
1485	DIELDRIN	2	17133	.	10.92	UG/KG	.	2.39	15.20
1493	DIELDRIN	2		.	4.08	UG/KG	.	1.41	82.80
1495	DIELDRIN	2	17155	.	7.52	UG/KG	.	2.02	44.30
1499	DIELDRIN	2	17019	.	10.00	UG/KG	.	2.30	4.90
1500	DIELDRIN	2		.	10.83	UG/KG	.	2.38	20.05
1503	DIELDRIN	2	17079	.	10.66	UG/KG	.	2.37	31.90
1510	DIELDRIN	2	17072	.	13.11	UG/KG	.	2.57	10.60
1514	DIELDRIN	2	17085	.	22.27	UG/KG	.	3.10	11.00
1515	DIELDRIN	2		.	3.60	UG/KG	.	1.28	94.30
1520	DIELDRIN	2	16855	.	8.25	UG/KG	.	2.11	41.10
1521	DIELDRIN	2	16860	.	9.27	UG/KG	.	2.23	19.20
1522	DIELDRIN	2	16853	.	9.71	UG/KG	.	2.27	17.50
1523	DIELDRIN	2		.	6.77	UG/KG	.	1.91	50.00
1524	DIELDRIN	2	16854	.	9.81	UG/KG	.	2.28	26.30
1524	DIELDRIN	2	16856	.	9.75	UG/KG	.	2.28	23.60
1529	DIELDRIN	2	17086	.	9.46	UG/KG	.	2.25	13.00
1535	DIELDRIN	2	17088	.	10.00	UG/KG	.	2.30	2.80
[illegible]	DIELDRIN	2	17087	.	4.68	UG/KG	.	1.54	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=DIELDRIN STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	DIELDRIN	2	17093	.	10.00	UG/KG	.	2.30	24.40
1544	DIELDRIN	2	16803	.	9.75	UG/KG	.	2.28	20.30
1545	DIELDRIN	2	16805	.	10.39	UG/KG	.	2.34	20.60
1554	DIELDRIN	2	17066	.	4.27	UG/KG	.	1.45	77.90
1554	DIELDRIN	2	17071	.	11.94	UG/KG	.	2.48	27.90
1558	DIELDRIN	2	16801	.	10.20	UG/KG	.	2.32	14.90
1564	DIELDRIN	2	17043	.	10.31	UG/KG	.	2.33	25.50
1564	DIELDRIN	2	17049	.	6.71	UG/KG	.	1.90	48.70

ANALYTE=DIELDRIN STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	DIELDRIN	3	16532	.	4.55	UG/KG	.	1.51	5.50
1367	DIELDRIN	3	16533	.	7.12	UG/KG	.	1.96	16.30
1367	DIELDRIN	3	16534	.	3.78	UG/KG	.	1.33	89.60
1370	DIELDRIN	3	16817	.	3.73	UG/KG	.	1.32	14.20
1381	DIELDRIN	3	16819	.	7.35	UG/KG	.	2.00	3.40
1382	DIELDRIN	3	16816	.	4.56	UG/KG	.	1.52	74.50
1384	DIELDRIN	3	16536	.	10.24	UG/KG	.	2.33	33.20
1385	DIELDRIN	3	16886	.	10.47	UG/KG	.	2.35	4.30
1395	DIELDRIN	3	16861	.	12.61	UG/KG	.	2.53	2.30
1395	DIELDRIN	3	16862	.	10.84	UG/KG	.	2.38	19.10
1396	DIELDRIN	3	16830	.	11.25	UG/KG	.	2.42	3.20
1397	DIELDRIN	3	16851	.	12.05	UG/KG	.	2.49	7.80
1402	DIELDRIN	3	16809	.	12.86	UG/KG	.	2.55	1.40
1404	DIELDRIN	3		.	22.36	UG/KG	.	3.11	2.00
1405	DIELDRIN	3	16843	.	9.54	UG/KG	.	2.26	15.20
1405	DIELDRIN	3	16844	.	6.28	UG/KG	.	1.84	53.80
1406	DIELDRIN	3	16841	.	13.75	UG/KG	.	2.62	1.60
1409	DIELDRIN	3		.	24.04	UG/KG	.	3.18	4.55
1411	DIELDRIN	3	16826	.	4.19	UG/KG	.	1.43	80.90
1412	DIELDRIN	3	16829	.	10.86	UG/KG	.	2.38	3.50
1416	DIELDRIN	3		.	9.39	UG/KG	.	2.24	35.80
1425	DIELDRIN	3	16878	.	10.15	UG/KG	.	2.32	19.50
1428	DIELDRIN	3	16869	.	34.00	UG/KG	.	3.53	0.50
1433	DIELDRIN	3	16800	.	3.80	UG/KG	.	1.33	89.30
1434	DIELDRIN	3	16806	.	12.94	UG/KG	.	2.56	17.70
1435	DIELDRIN	3	17016	.	5.15	UG/KG	.	1.64	65.40
1439	DIELDRIN	3	17047	.	12.38	UG/KG	.	2.52	10.10
1440	DIELDRIN	3	17050	.	10.68	UG/KG	.	2.37	19.10
1448	DIELDRIN	3	16745	.	5.26	UG/KG	.	1.66	62.60
1448	DIELDRIN	3	16746	.	1.10	UG/KG	.	0.10	10.90
1449	DIELDRIN	3		.	10.60	UG/KG	.	2.36	2.35
1462	DIELDRIN	3	16849	.	14.31	UG/KG	.	2.66	7.20
1472	DIELDRIN	3		.	10.71	UG/KG	.	2.37	20.45
1474	DIELDRIN	3	17031	.	10.00	UG/KG	.	2.30	15.20
1475	DIELDRIN	3	17028	.	10.85	UG/KG	.	2.38	30.70
1476	DIELDRIN	3		.	11.03	UG/KG	.	2.40	23.50
1479	DIELDRIN	3	17144	.	11.20	UG/KG	.	2.42	30.10
1479	DIELDRIN	3	17150	.	13.07	UG/KG	.	2.57	1.76
1480	DIELDRIN	3	17044	.	11.11	UG/KG	.	2.41	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=DIELDRIN STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	DIELDRIN	3	17131	.	10.77	UG/KG	.	2.38	2.60
1487	DIELDRIN	3	17023	.	11.03	UG/KG	.	2.40	14.50
1489	DIELDRIN	3	17041	.	5.40	UG/KG	.	1.69	34.10
1490	DIELDRIN	3	17027	.	10.50	UG/KG	.	2.35	2.00
1492	DIELDRIN	3	17010	.	5.60	UG/KG	.	1.72	60.20
1497	DIELDRIN	3	17015	.	105.26	UG/KG	.	4.66	0.19
1498	DIELDRIN	3		.	9.45	UG/KG	.	2.25	4.50
1502	DIELDRIN	3	17073	.	10.69	UG/KG	.	2.37	2.90
1504	DIELDRIN	3	17078	.	15.05	UG/KG	.	2.71	0.93
1505	DIELDRIN	3	17152	.	10.38	UG/KG	.	2.34	26.20
1507	DIELDRIN	3	17154	.	5.01	UG/KG	.	1.61	67.30
1508	DIELDRIN	3	17084	.	50.74	UG/KG	.	3.93	2.70
1511	DIELDRIN	3	17139	.	8.10	UG/KG	.	2.09	41.60
1513	DIELDRIN	3	17083	.	12.40	UG/KG	.	2.52	1.29
1517	DIELDRIN	3	17002	47.47	.	UG/KG	3.86	.	53.70
1518	DIELDRIN	3	17003	.	5.15	UG/KG	.	1.64	65.60
1519	DIELDRIN	3	17005	.	10.85	UG/KG	.	2.38	11.80
1525	DIELDRIN	3	17001	.	5.74	UG/KG	.	1.75	59.20
1526	DIELDRIN	3		.	9.49	UG/KG	.	2.25	27.75
1537	DIELDRIN	3	17090	.	10.98	UG/KG	.	2.40	17.30
1541	DIELDRIN	3	17091	.	10.60	UG/KG	.	2.36	5.00
1542	DIELDRIN	3	17089	14.32	.	UG/KG	2.66	.	76.80
1546	DIELDRIN	3	16804	.	10.31	UG/KG	.	2.33	22.60
1547	DIELDRIN	3	17070	.	7.47	UG/KG	.	2.01	45.10
1548	DIELDRIN	3	17067	.	11.66	UG/KG	.	2.46	18.10
1560	DIELDRIN	3	16883	.	4.75	UG/KG	.	1.56	71.40
1561	DIELDRIN	3	16891	.	10.91	UG/KG	.	2.39	2.20
1561	DIELDRIN	3	16892	.	4.83	UG/KG	.	1.58	68.30
1563	DIELDRIN	3	17143	.	16.60	UG/KG	.	2.81	2.65
1566	DIELDRIN	3		.	11.33	UG/KG	.	2.43	1.15

ANALYTE=DIELDRIN STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	DIELDRIN	4	16525	.	3.33	UG/KG	.	1.20	100.00
1363	DIELDRIN	4	16526	.	13.75	UG/KG	.	2.62	0.80
1388	DIELDRIN	4	16815	.	0.78	UG/KG	.	-0.25	25.60
1389	DIELDRIN	4	16835	.	8.33	UG/KG	.	2.12	34.80
1401	DIELDRIN	4	16802	.	17.00	UG/KG	.	2.83	1.00
1407	DIELDRIN	4	16842	.	9.04	UG/KG	.	2.20	37.40
1408	DIELDRIN	4	16540	.	1.59	UG/KG	.	0.46	15.10
1414	DIELDRIN	4	16744	.	12.63	UG/KG	.	2.54	1.90
1415	DIELDRIN	4	16750	.	22.00	UG/KG	.	3.09	0.50
1417	DIELDRIN	4	16742	.	7.33	UG/KG	.	1.99	1.50
1420	DIELDRIN	4	16864	.	10.47	UG/KG	.	2.35	10.70
1427	DIELDRIN	4	16867	.	6.29	UG/KG	.	1.84	52.80
1430	DIELDRIN	4	16537	.	5.12	UG/KG	.	1.63	66.00
1431	DIELDRIN	4	16538	.	9.31	UG/KG	.	2.23	20.30
1432	DIELDRIN	4	16539	.	8.02	UG/KG	.	2.08	42.00
1441	DIELDRIN	4	16798	33.21	.	UG/KG	3.50	.	2.80
1442	DIELDRIN	4	16797	.	5.20	UG/KG	.	1.65	64.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=DIELDRIN STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1445	DIELDRIN	4	16871	.	17.65	UG/KG	.	2.87	1.70
1455	DIELDRIN	4	16837	.	7.57	UG/KG	.	2.02	44.80
1459	DIELDRIN	4	16747	.	16.25	UG/KG	.	2.79	0.80
1461	DIELDRIN	4	16852	.	86.96	UG/KG	.	4.47	0.23
1464	DIELDRIN	4	16876	.	16.60	UG/KG	.	2.81	19.10
1465	DIELDRIN	4	16877	.	7.50	UG/KG	.	2.01	4.80
1466	DIELDRIN	4	17026	.	11.74	UG/KG	.	2.46	2.30
1467	DIELDRIN	4	17030	.	20.83	UG/KG	.	3.04	1.20
1468	DIELDRIN	4	17151	.	8.43	UG/KG	.	2.13	39.50
1470	DIELDRIN	4	16880	.	10.00	UG/KG	.	2.30	1.20
1478	DIELDRIN	4	17060	.	5.59	UG/KG	.	1.72	3.40
1488	DIELDRIN	4	17029	.	5.45	UG/KG	.	1.70	62.40
1491	DIELDRIN	4	17011	.	41.67	UG/KG	.	3.73	0.48
1496	DIELDRIN	4	17075	.	9.20	UG/KG	.	2.22	2.50
1501	DIELDRIN	4	17074	.	9.57	UG/KG	.	2.26	9.40
1506	DIELDRIN	4	17153	.	8.40	UG/KG	.	2.13	37.50
1509	DIELDRIN	4	17042	.	7.14	UG/KG	.	1.97	47.60
1512	DIELDRIN	4	17138	.	12.66	UG/KG	.	2.54	14.30
1516	DIELDRIN	4	17004	.	13.00	UG/KG	.	2.56	1.00
1527	DIELDRIN	4	17040	12.86	.	UG/KG	2.55	.	72.70
1532	DIELDRIN	4	17007	.	8.02	UG/KG	.	2.08	41.90
1539	DIELDRIN	4		.	10.35	UG/KG	.	2.34	1.07
1549	DIELDRIN	4	17048	.	9.84	UG/KG	.	2.29	6.30
1551	DIELDRIN	4		.	20.83	UG/KG	.	3.04	0.60
1555	DIELDRIN	4	17035	.	12.35	UG/KG	.	2.51	5.10

ANALYTE=HEPTACHLOR STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	HEPTACHLOR	1	16821	.	21.34	UG/KG	.	3.06	11.90
1391	HEPTACHLOR	1	16885	.	20.60	UG/KG	.	3.03	21.80
1419	HEPTACHLOR	1	16739	.	15.30	UG/KG	.	2.73	44.00
1436	HEPTACHLOR	1	17036	.	17.62	UG/KG	.	2.87	38.20
1436	HEPTACHLOR	1	17145	.	16.72	UG/KG	.	2.82	39.90
1436	HEPTACHLOR	1	17149	.	16.31	UG/KG	.	2.79	40.90
1437	HEPTACHLOR	1	17033	.	21.10	UG/KG	.	3.05	16.30
1438	HEPTACHLOR	1	17034	.	19.63	UG/KG	.	2.98	19.10
1451	HEPTACHLOR	1	16887	.	30.00	UG/KG	.	3.40	1.10
1452	HEPTACHLOR	1	16889	.	10.37	UG/KG	.	2.34	61.80
1452	HEPTACHLOR	1	16890	.	10.49	UG/KG	.	2.35	63.40
1469	HEPTACHLOR	1		.	21.06	UG/KG	.	3.05	23.90
1471	HEPTACHLOR	1	17046	.	20.63	UG/KG	.	3.03	25.30
1471	HEPTACHLOR	1	17052	.	20.38	UG/KG	.	3.01	20.90
1530	HEPTACHLOR	1	17020	.	17.64	UG/KG	.	2.87	32.60
1530	HEPTACHLOR	1	17038	.	21.08	UG/KG	.	3.05	9.30
1533	HEPTACHLOR	1	17022	.	22.38	UG/KG	.	3.11	2.10
1534	HEPTACHLOR	1	17081	.	8.97	UG/KG	.	2.19	75.00
1543	HEPTACHLOR	1	17065	.	22.93	UG/KG	.	3.13	15.00
1543	HEPTACHLOR	1	17130	.	13.07	UG/KG	.	2.57	50.50
1543	HEPTACHLOR	1	17141	.	20.17	UG/KG	.	3.00	18.10
1550	HEPTACHLOR	1		.	13.08	UG/KG	.	2.57	10.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=HEPTACHLOR STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1552	HEPTACHLOR	1		.	23.95	UG/KG	.	3.18	3.80
1553	HEPTACHLOR	1	16884	.	27.00	UG/KG	.	3.30	2.00
1556	HEPTACHLOR	1	16896	.	30.56	UG/KG	.	3.42	1.80
1559	HEPTACHLOR	1		.	19.66	UG/KG	.	2.98	8.45

ANALYTE=HEPTACHLOR STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	HEPTACHLOR	2	16527	.	22.55	UG/KG	.	3.12	19.20
1365	HEPTACHLOR	2	16528	.	34.33	UG/KG	.	3.54	3.00
1366	HEPTACHLOR	2	16814	.	21.84	UG/KG	.	3.08	25.00
1369	HEPTACHLOR	2	16818	.	21.29	UG/KG	.	3.06	17.80
1380	HEPTACHLOR	2		.	22.22	UG/KG	.	3.10	30.55
1390	HEPTACHLOR	2	16834	.	18.23	UG/KG	.	2.90	32.20
1392	HEPTACHLOR	2		.	13.18	UG/KG	.	2.58	21.55
1393	HEPTACHLOR	2	16529	.	33.53	UG/KG	.	3.51	5.10
1399	HEPTACHLOR	2		.	14.94	UG/KG	.	2.70	4.15
1400	HEPTACHLOR	2	16810	.	19.13	UG/KG	.	2.95	2.30
1403	HEPTACHLOR	2	16811	.	9.39	UG/KG	.	2.24	71.70
1410	HEPTACHLOR	2	16833	.	12.60	UG/KG	.	2.53	30.80
1413	HEPTACHLOR	2	17025	.	23.57	UG/KG	.	3.16	2.80
1413	HEPTACHLOR	2	17061	.	20.28	UG/KG	.	3.01	18.10
1418	HEPTACHLOR	2	16743	.	21.08	UG/KG	.	3.05	3.70
1421	HEPTACHLOR	2		.	30.29	UG/KG	.	3.41	1.85
1422	HEPTACHLOR	2	16831	.	24.97	UG/KG	.	3.22	18.30
1423	HEPTACHLOR	2	16832	.	21.18	UG/KG	.	3.05	20.40
1424	HEPTACHLOR	2	16799	.	24.13	UG/KG	.	3.18	14.30
1426	HEPTACHLOR	2	16868	.	23.87	UG/KG	.	3.17	3.10
1429	HEPTACHLOR	2		.	20.04	UG/KG	.	3.00	17.05
1443	HEPTACHLOR	2	16823	.	24.09	UG/KG	.	3.18	4.40
1443	HEPTACHLOR	2	16825	.	22.56	UG/KG	.	3.12	3.90
1447	HEPTACHLOR	2		.	17.50	UG/KG	.	2.86	3.60
1453	HEPTACHLOR	2	16888	.	20.86	UG/KG	.	3.04	18.60
1454	HEPTACHLOR	2	16838	.	17.62	UG/KG	.	2.87	38.30
1454	HEPTACHLOR	2	16839	.	14.80	UG/KG	.	2.69	20.00
1456	HEPTACHLOR	2	17021	.	16.00	UG/KG	.	2.77	2.00
1460	HEPTACHLOR	2	16879	.	18.04	UG/KG	.	2.89	33.20
1463	HEPTACHLOR	2	16873	.	22.11	UG/KG	.	3.10	3.80
1463	HEPTACHLOR	2	16874	.	6.92	UG/KG	.	1.93	63.60
1481	HEPTACHLOR	2	17136	.	23.18	UG/KG	.	3.14	14.80
1482	HEPTACHLOR	2		.	21.96	UG/KG	.	3.09	19.90
1484	HEPTACHLOR	2	17024	.	22.33	UG/KG	.	3.11	21.00
1485	HEPTACHLOR	2	17132	.	18.10	UG/KG	.	2.90	4.64
1485	HEPTACHLOR	2	17133	.	21.84	UG/KG	.	3.08	15.20
1493	HEPTACHLOR	2		.	8.16	UG/KG	.	2.10	82.80
1495	HEPTACHLOR	2	17155	.	15.06	UG/KG	.	2.71	44.30
1499	HEPTACHLOR	2	17019	.	20.00	UG/KG	.	3.00	4.90
1500	HEPTACHLOR	2		.	21.64	UG/KG	.	3.07	20.05
1503	HEPTACHLOR	2	17079	.	21.32	UG/KG	.	3.06	31.90
1510	HEPTACHLOR	2	17072	.	26.32	UG/KG	.	3.27	10.60
1514	HEPTACHLOR	2	17085	.	44.55	UG/KG	.	3.80	11.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=HEPTACHLOR STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1515	HEPTACHLOR	2		.	7.21	UG/KG	.	1.97	94.30
1520	HEPTACHLOR	2	16855	22.55	.	UG/KG	3.12	.	41.10
1521	HEPTACHLOR	2	16860	.	18.54	UG/KG	.	2.92	19.20
1522	HEPTACHLOR	2	16853	.	19.49	UG/KG	.	2.97	17.50
1523	HEPTACHLOR	2		.	13.52	UG/KG	.	2.60	50.00
1524	HEPTACHLOR	2	16854	.	19.66	UG/KG	.	2.98	26.30
1524	HEPTACHLOR	2	16856	.	19.53	UG/KG	.	2.97	23.60
1529	HEPTACHLOR	2	17086	.	19.00	UG/KG	.	2.94	13.00
1535	HEPTACHLOR	2	17088	.	20.00	UG/KG	.	3.00	2.80
1538	HEPTACHLOR	2	17087	.	9.36	UG/KG	.	2.24	70.50
1540	HEPTACHLOR	2	17093	.	20.00	UG/KG	.	3.00	24.40
1544	HEPTACHLOR	2	16803	.	19.56	UG/KG	.	2.97	20.30
1545	HEPTACHLOR	2	16805	.	20.73	UG/KG	.	3.03	20.60
1554	HEPTACHLOR	2	17066	.	8.56	UG/KG	.	2.15	77.90
1554	HEPTACHLOR	2	17071	.	23.91	UG/KG	.	3.17	27.90
1558	HEPTACHLOR	2	16801	.	20.40	UG/KG	.	3.02	14.90
1564	HEPTACHLOR	2	17043	.	20.63	UG/KG	.	3.03	25.50
1564	HEPTACHLOR	2	17049	.	13.43	UG/KG	.	2.60	48.70

ANALYTE=HEPTACHLOR STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	HEPTACHLOR	3	16532	.	9.09	UG/KG	.	2.21	5.50
1367	HEPTACHLOR	3	16533	.	14.17	UG/KG	.	2.65	16.30
1367	HEPTACHLOR	3	16534	.	7.57	UG/KG	.	2.02	89.60
1370	HEPTACHLOR	3	16817	.	7.46	UG/KG	.	2.01	14.20
1381	HEPTACHLOR	3	16819	.	14.71	UG/KG	.	2.69	3.40
1382	HEPTACHLOR	3	16816	.	9.11	UG/KG	.	2.21	74.50
1384	HEPTACHLOR	3	16536	.	20.45	UG/KG	.	3.02	33.20
1385	HEPTACHLOR	3	16886	.	20.93	UG/KG	.	3.04	4.30
1395	HEPTACHLOR	3	16861	.	25.22	UG/KG	.	3.23	2.30
1395	HEPTACHLOR	3	16862	.	21.68	UG/KG	.	3.08	19.10
1396	HEPTACHLOR	3	16830	.	22.50	UG/KG	.	3.11	3.20
1397	HEPTACHLOR	3	16851	.	24.23	UG/KG	.	3.19	7.80
1402	HEPTACHLOR	3	16809	.	25.71	UG/KG	.	3.25	1.40
1404	HEPTACHLOR	3		.	45.43	UG/KG	.	3.82	2.00
1405	HEPTACHLOR	3	16843	.	19.08	UG/KG	.	2.95	15.20
1405	HEPTACHLOR	3	16844	.	12.57	UG/KG	.	2.53	53.80
1406	HEPTACHLOR	3	16841	.	27.50	UG/KG	.	3.31	1.60
1409	HEPTACHLOR	3		.	48.07	UG/KG	.	3.87	4.55
1411	HEPTACHLOR	3	16826	.	8.37	UG/KG	.	2.12	80.90
1412	HEPTACHLOR	3	16829	.	21.71	UG/KG	.	3.08	3.50
1416	HEPTACHLOR	3		.	18.80	UG/KG	.	2.93	35.80
1425	HEPTACHLOR	3	16878	.	20.31	UG/KG	.	3.01	19.50
1428	HEPTACHLOR	3	16869	.	66.00	UG/KG	.	4.19	0.50
1433	HEPTACHLOR	3	16800	.	7.59	UG/KG	.	2.03	89.30
1434	HEPTACHLOR	3	16806	.	25.93	UG/KG	.	3.26	17.70
1435	HEPTACHLOR	3	17016	.	10.29	UG/KG	.	2.33	65.40
1439	HEPTACHLOR	3	17047	.	24.65	UG/KG	.	3.20	10.10
1440	HEPTACHLOR	3	17050	.	21.31	UG/KG	.	3.06	19.10
1448	HEPTACHLOR	3	16745	.	10.50	UG/KG	.	2.35	62.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEPTACHLOR STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	HEPTACHLOR	3	16746	.	2.20	UG/KG	.	0.79	10.90
1449	HEPTACHLOR	3		.	21.20	UG/KG	.	3.05	2.35
1462	HEPTACHLOR	3	16849	.	28.75	UG/KG	.	3.36	7.20
1472	HEPTACHLOR	3		.	21.44	UG/KG	.	3.07	20.45
1474	HEPTACHLOR	3	17031	.	20.00	UG/KG	.	3.00	15.20
1475	HEPTACHLOR	3	17028	.	21.73	UG/KG	.	3.08	30.70
1476	HEPTACHLOR	3		.	22.01	UG/KG	.	3.09	23.50
1479	HEPTACHLOR	3	17144	.	22.36	UG/KG	.	3.11	30.10
1479	HEPTACHLOR	3	17150	.	26.14	UG/KG	.	3.26	1.76
1480	HEPTACHLOR	3	17044	.	22.22	UG/KG	.	3.10	3.60
1486	HEPTACHLOR	3	17131	.	21.54	UG/KG	.	3.07	2.60
1487	HEPTACHLOR	3	17023	.	22.07	UG/KG	.	3.09	14.50
1489	HEPTACHLOR	3	17041	.	10.79	UG/KG	.	2.38	34.10
1490	HEPTACHLOR	3	17027	.	21.00	UG/KG	.	3.04	2.00
1492	HEPTACHLOR	3	17010	.	11.18	UG/KG	.	2.41	60.20
1497	HEPTACHLOR	3	17015	.	210.53	UG/KG	.	5.35	0.19
1498	HEPTACHLOR	3		.	18.90	UG/KG	.	2.94	4.50
1502	HEPTACHLOR	3	17073	.	21.03	UG/KG	.	3.05	2.90
1504	HEPTACHLOR	3	17078	.	30.11	UG/KG	.	3.40	0.93
1505	HEPTACHLOR	3	17152	.	20.73	UG/KG	.	3.03	26.20
1507	HEPTACHLOR	3	17154	.	10.00	UG/KG	.	2.30	67.30
1508	HEPTACHLOR	3	17084	.	101.85	UG/KG	.	4.62	2.70
1511	HEPTACHLOR	3	17139	.	16.18	UG/KG	.	2.78	41.60
1513	HEPTACHLOR	3	17083	.	24.81	UG/KG	.	3.21	1.29
1517	HEPTACHLOR	3	17002	.	12.42	UG/KG	.	2.52	53.70
1518	HEPTACHLOR	3	17003	.	10.32	UG/KG	.	2.33	65.60
1519	HEPTACHLOR	3	17005	.	21.61	UG/KG	.	3.07	11.80
1525	HEPTACHLOR	3	17001	.	11.49	UG/KG	.	2.44	59.20
1526	HEPTACHLOR	3		.	18.97	UG/KG	.	2.94	27.75
1537	HEPTACHLOR	3	17090	.	21.97	UG/KG	.	3.09	17.30
1541	HEPTACHLOR	3	17091	.	21.40	UG/KG	.	3.06	5.00
1542	HEPTACHLOR	3	17089	.	8.85	UG/KG	.	2.18	76.80
1546	HEPTACHLOR	3	16804	.	20.58	UG/KG	.	3.02	22.60
1547	HEPTACHLOR	3	17070	.	14.92	UG/KG	.	2.70	45.10
1548	HEPTACHLOR	3	17067	.	23.37	UG/KG	.	3.15	18.10
1560	HEPTACHLOR	3	16883	.	9.51	UG/KG	.	2.25	71.40
1561	HEPTACHLOR	3	16891	.	21.82	UG/KG	.	3.08	2.20
1561	HEPTACHLOR	3	16892	.	9.66	UG/KG	.	2.27	68.30
1563	HEPTACHLOR	3	17143	.	32.83	UG/KG	.	3.49	2.65
1566	HEPTACHLOR	3		.	22.65	UG/KG	.	3.12	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEPTACHLOR STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	HEPTACHLOR	4	16525	.	6.67	UG/KG	.	1.90	100.00
1363	HEPTACHLOR	4	16526	.	27.50	UG/KG	.	3.31	0.80
1388	HEPTACHLOR	4	16815	.	1.56	UG/KG	.	0.45	25.60
1389	HEPTACHLOR	4	16835	.	16.67	UG/KG	.	2.81	34.80
1401	HEPTACHLOR	4	16802	.	34.00	UG/KG	.	3.53	1.00
1407	HEPTACHLOR	4	16842	.	18.05	UG/KG	.	2.89	37.40
1408	HEPTACHLOR	4	16540	.	3.25	UG/KG	.	1.18	15.10
1414	HEPTACHLOR	4	16744	.	24.74	UG/KG	.	3.21	1.90
1415	HEPTACHLOR	4	16750	.	44.00	UG/KG	.	3.78	0.50
1417	HEPTACHLOR	4	16742	.	14.67	UG/KG	.	2.69	1.50
1420	HEPTACHLOR	4	16864	.	20.93	UG/KG	.	3.04	10.70
1427	HEPTACHLOR	4	16867	.	12.59	UG/KG	.	2.53	52.80
1430	HEPTACHLOR	4	16537	.	10.23	UG/KG	.	2.33	66.00
1431	HEPTACHLOR	4	16538	.	18.62	UG/KG	.	2.92	20.30
1432	HEPTACHLOR	4	16539	.	16.02	UG/KG	.	2.77	42.00
1441	HEPTACHLOR	4	16798	.	18.21	UG/KG	.	2.90	2.80
1442	HEPTACHLOR	4	16797	.	10.41	UG/KG	.	2.34	64.00
1445	HEPTACHLOR	4	16871	.	35.29	UG/KG	.	3.56	1.70
1455	HEPTACHLCR	4	16837	.	15.13	UG/KG	.	2.72	44.80
1459	HEPTACHLOR	4	16747	.	33.75	UG/KG	.	3.52	0.80
1461	HEPTACHLOR	4	16852	.	173.91	UG/KG	.	5.16	0.23
1464	HEPTACHLOR	4	16876	.	33.14	UG/KG	.	3.50	19.10
1465	HEPTACHLOR	4	16877	.	15.00	UG/KG	.	2.71	4.80
1466	HEPTACHLOR	4	17026	.	23.48	UG/KG	.	3.16	2.30
1467	HEPTACHLOR	4	17030	.	41.67	UG/KG	.	3.73	1.20
1468	HEPTACHLOR	4	17151	.	16.89	UG/KG	.	2.83	39.50
1470	HEPTACHLOR	4	16880	.	20.00	UG/KG	.	3.00	1.20
1478	HEPTACHLOR	4	17060	.	11.18	UG/KG	.	2.41	3.40
1488	HEPTACHLOR	4	17029	.	10.90	UG/KG	.	2.39	62.40
1491	HEPTACHLOR	4	17011	.	83.33	UG/KG	.	4.42	0.48
1496	HEPTACHLOR	4	17075	.	18.80	UG/KG	.	2.93	2.50
1501	HEPTACHLOR	4	17074	.	19.15	UG/KG	.	2.95	9.40
1506	HEPTACHLOR	4	17153	.	16.80	UG/KG	.	2.82	37.50
1509	HEPTACHLOR	4	17042	.	14.29	UG/KG	.	2.66	47.60
1512	HEPTACHLOR	4	17138	.	25.31	UG/KG	.	3.23	14.30
1516	HEPTACHLOR	4	17004	.	27.00	UG/KG	.	3.30	1.00
1527	HEPTACHLOR	4	17040	.	8.75	UG/KG	.	2.17	72.70
1532	HEPTACHLOR	4	17007	.	16.06	UG/KG	.	2.78	41.90
1539	HEPTACHLOR	4		.	21.63	UG/KG	.	3.07	1.07
1549	HEPTACHLOR	4	17048	.	19.68	UG/KG	.	2.98	6.30
1551	HEPTACHLOR	4		.	43.33	UG/KG	.	3.77	0.60
1555	HEPTACHLOR	4	17035	.	24.71	UG/KG	.	3.21	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEXACHLOROBENZENE STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	HEXACHLOROBENZENE	1	16821	.	25641.03	UG/KG	.	10.15	11.90
1391	HEXACHLOROBENZENE	1	16885	.	14492.75	UG/KG	.	9.58	21.80
1419	HEXACHLOROBENZENE	1	16739	.	7692.31	UG/KG	.	8.95	44.00
1436	HEXACHLOROBENZENE	1	17036	.	833.33	UG/KG	.	6.73	38.20
1436	HEXACHLOROBENZENE	1	17145	.	333.33	UG/KG	.	5.81	39.90
1436	HEXACHLOROBENZENE	1	17149	.	344.83	UG/KG	.	5.84	40.90
1437	HEXACHLOROBENZENE	1	17033	.	20408.17	UG/KG	.	9.92	16.30
1438	HEXACHLOROBENZENE	1	17034	.	18181.82	UG/KG	.	9.81	19.10
1451	HEXACHLOROBENZENE	1	16887	.	4545.45	UG/KG	.	8.42	1.10
1452	HEXACHLOROBENZENE	1	16889	.	5263.16	UG/KG	.	8.57	61.80
1452	HEXACHLOROBENZENE	1	16890	.	5555.56	UG/KG	.	8.62	63.40
1469	HEXACHLOROBENZENE	1		.	13701.20	UG/KG	.	9.53	23.90
1471	HEXACHLOROBENZENE	1	17046	.	1351.35	UG/KG	.	7.21	25.30
1471	HEXACHLOROBENZENE	1	17052	.	15873.02	UG/KG	.	9.67	20.90
1530	HEXACHLOROBENZENE	1	17020	.	333.33	UG/KG	.	5.81	32.60
1530	HEXACHLOROBENZENE	1	17038	.	333.33	UG/KG	.	5.81	9.30
1533	HEXACHLOROBENZENE	1	17022	.	476.19	UG/KG	.	6.17	2.10
1534	HEXACHLOROBENZENE	1	17081	.	434.78	UG/KG	.	6.07	75.00
1543	HEXACHLOROBENZENE	1	17065	.	476.19	UG/KG	.	6.17	15.00
1543	HEXACHLOROBENZENE	1	17130	.	400.00	UG/KG	.	5.99	50.50
1543	HEXACHLOROBENZENE	1	17141	.	384.62	UG/KG	.	5.95	18.10
1550	HEXACHLOROBENZENE	1		.	7738.10	UG/KG	.	8.95	10.40
1552	HEXACHLOROBENZENE	1		.	4551.28	UG/KG	.	8.42	3.80
1553	HEXACHLOROBENZENE	1	16884	.	1587.30	UG/KG	.	7.37	2.00
1556	HEXACHLOROBENZENE	1	16896	.	2222.22	UG/KG	.	7.71	1.80
1559	HEXACHLOROBENZENE	1		.	3509.85	UG/KG	.	8.16	8.45

---------- ANALYTE=HEXACHLOROBENZENE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	HEXACHLOROBENZENE	2	16527	.	23809.53	UG/KG	.	10.08	19.20
1365	HEXACHLOROBENZENE	2	16528	.	111111.14	UG/KG	.	11.62	3.00
1366	HEXACHLOROBENZENE	2	16814	.	1449.28	UG/KG	.	7.28	25.00
1369	HEXACHLOROBENZENE	2	16818	.	18867.93	UG/KG	.	9.85	17.80
1380	HEXACHLOROBENZENE	2		.	10204.08	UG/KG	.	9.23	30.55
1390	HEXACHLOROBENZENE	2	16834	.	12987.01	UG/KG	.	9.47	32.20
1392	HEXACHLOROBENZENE	2		.	42572.47	UG/KG	.	10.66	21.55
1393	HEXACHLOROBENZENE	2	16529	.	66666.67	UG/KG	.	11.11	5.10
1399	HEXACHLOROBENZENE	2		.	833.33	UG/KG	.	6.73	4.15
1400	HEXACHLOROBENZENE	2	16810	.	16666.67	UG/KG	.	9.72	2.30
1403	HEXACHLOROBENZENE	2	16811	.	5263.16	UG/KG	.	8.57	71.70
1410	HEXACHLOROBENZENE	2	16833	.	17857.14	UG/KG	.	9.79	30.80
1413	HEXACHLOROBENZENE	2	17025	.	1562.50	UG/KG	.	7.35	2.80
1413	HEXACHLOROBENZENE	2	17061	.	19607.84	UG/KG	.	9.88	18.10
1418	HEXACHLOROBENZENE	2	16743	.	28571.43	UG/KG	.	10.26	3.70
1421	HEXACHLOROBENZENE	2		.	1666.67	UG/KG	.	7.42	1.85
1422	HEXACHLOROBENZENE	2	16831	.	17241.38	UG/KG	.	9.76	18.30
1423	HEXACHLOROBENZENE	2	16832	.	16666.67	UG/KG	.	9.72	20.40
1424	HEXACHLOROBENZENE	2	16799	.	23255.82	UG/KG	.	10.05	14.30
1426	HEXACHLOROBENZENE	2	16868	.	11494.25	UG/KG	.	9.35	3.10
1429	HEXACHLOROBENZENE	2		.	19419.31	UG/KG	.	9.87	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEXACHLOROBENZENE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	HEXACHLOROBENZENE	2	16823	.	7142.86	UG/KG	.	8.87	4.40
1443	HEXACHLOROBENZENE	2	16825	.	4347.83	UG/KG	.	8.38	3.90
1447	HEXACHLOROBENZENE	2		.	12500.00	UG/KG	.	9.43	3.60
1453	HEXACHLOROBENZENE	2	16888	.	1851.85	UG/KG	.	7.52	18.60
1454	HEXACHLOROBENZENE	2	16838	.	11235.96	UG/KG	.	9.33	38.30
1454	HEXACHLOROBENZENE	2	16839	.	21739.13	UG/KG	.	9.99	20.00
1456	HEXACHLOROBENZENE	2	17021	.	12500.00	UG/KG	.	9.43	2.00
1460	HEXACHLOROBENZENE	2	16879	.	8333.33	UG/KG	.	9.03	33.20
1463	HEXACHLOROBENZENE	2	16873	.	1282.05	UG/KG	.	7.16	3.80
1463	HEXACHLOROBENZENE	2	16874	.	15873.02	UG/KG	.	9.67	63.60
1481	HEXACHLOROBENZENE	2	17136	.	22222.22	UG/KG	.	10.01	14.80
1482	HEXACHLOROBENZENE	2		.	16954.02	UG/KG	.	9.74	19.90
1484	HEXACHLOROBENZENE	2	17024	.	153846.16	UG/KG	.	11.94	21.00
1485	HEXACHLOROBENZENE	2	17132	.	19607.84	UG/KG	.	9.88	4.64
1485	HEXACHLOROBENZENE	2	17133	.	217391.32	UG/KG	.	12.29	15.20
1493	HEXACHLOROBENZENE	2		.	4166.67	UG/KG	.	8.33	82.80
1495	HEXACHLOROBENZENE	2	17155	.	263.16	UG/KG	.	5.57	44.30
1499	HEXACHLOROBENZENE	2	17019	.	322.58	UG/KG	.	5.78	4.90
1500	HEXACHLOROBENZENE	2		.	14019.96	UG/KG	.	9.55	20.05
1503	HEXACHLOROBENZENE	2	17079	.	1052.63	UG/KG	.	6.96	31.90
1510	HEXACHLOROBENZENE	2	17072	.	1010.10	UG/KG	.	6.92	10.60
1514	HEXACHLOROBENZENE	2	17085	.	1111.11	UG/KG	.	7.01	11.00
1515	HEXACHLOROBENZENE	2		.	3571.43	UG/KG	.	8.18	94.30
1520	HEXACHLOROBENZENE	2	16855	.	8333.33	UG/KG	.	9.03	41.10
1521	HEXACHLOROBENZENE	2	16860	.	15873.02	UG/KG	.	9.67	19.20
1522	HEXACHLOROBENZENE	2	16853	.	19607.84	UG/KG	.	9.88	17.50
1523	HEXACHLOROBENZENE	2		.	6971.16	UG/KG	.	8.85	50.00
1524	HEXACHLOROBENZENE	2	16854	.	15384.62	UG/KG	.	9.64	26.30
1524	HEXACHLOROBENZENE	2	16856	.	15384.62	UG/KG	.	9.64	23.60
1529	HEXACHLOROBENZENE	2	17086	.	500.00	UG/KG	.	6.21	13.00
1535	HEXACHLOROBENZENE	2	17088	.	1014.61	UG/KG	.	6.92	2.80
1538	HEXACHLOROBENZENE	2	17087	.	250.00	UG/KG	.	5.52	70.50
1540	HEXACHLOROBENZENE	2	17093	.	100.00	UG/KG	.	4.61	24.40
1544	HEXACHLOROBENZENE	2	16803	.	18867.93	UG/KG	.	9.85	20.30
1545	HEXACHLOROBENZENE	2	16805	.	16949.15	UG/KG	.	9.74	20.60
1554	HEXACHLOROBENZENE	2	17066	.	4545.45	UG/KG	.	8.42	77.90
1554	HEXACHLOROBENZENE	2	17071	.	12820.51	UG/KG	.	9.46	27.90
1558	HEXACHLOROBENZENE	2	16801	.	21276.60	UG/KG	.	9.97	14.90
1564	HEXACHLOROBENZENE	2	17043	.	13513.51	UG/KG	.	9.51	25.50
1564	HEXACHLOROBENZENE	2	17049	.	6250.00	UG/KG	.	8.74	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEXACHLOROBENZENE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	HEXACHLOROBENZENE	3	16532	.	7692.31	UG/KG	.	8.95	5.50
1367	HEXACHLOROBENZENE	3	16533	.	23809.53	UG/KG	.	10.08	16.30
1367	HEXACHLOROBENZENE	3	16534	.	4545.45	UG/KG	.	8.42	89.60
1370	HEXACHLOROBENZENE	3	16817	.	2564.10	UG/KG	.	7.85	14.20
1381	HEXACHLOROBENZENE	3	16819	.	10101.01	UG/KG	.	9.22	3.40
1382	HEXACHLOROBENZENE	3	16816	.	454.55	UG/KG	.	6.12	74.50
1384	HEXACHLOROBENZENE	3	16536	.	100000.04	UG/KG	.	11.51	33.20
1385	HEXACHLOROBENZENE	3	16886	.	11904.76	UG/KG	.	9.38	4.30
1395	HEXACHLOROBENZENE	3	16861	.	2000.00	UG/KG	.	7.60	2.30
1395	HEXACHLOROBENZENE	3	16862	.	16129.03	UG/KG	.	9.69	19.10
1396	HEXACHLOROBENZENE	3	16830	.	27777.78	UG/KG	.	10.23	3.20
1397	HEXACHLOROBENZENE	3	16851	.	62500.01	UG/KG	.	11.04	7.80
1402	HEXACHLOROBENZENE	3	16809	.	25641.03	UG/KG	.	10.15	1.40
1404	HEXACHLOROBENZENE	3		.	16666.67	UG/KG	.	9.72	2.00
1405	HEXACHLOROBENZENE	3	16843	.	2325.58	UG/KG	.	7.75	15.20
1405	HEXACHLOROBENZENE	3	16844	.	6250.00	UG/KG	.	8.74	53.80
1406	HEXACHLOROBENZENE	3	16841	.	10526.32	UG/KG	.	9.26	1.60
1409	HEXACHLOROBENZENE	3		.	8333.33	UG/KG	.	9.03	4.55
1411	HEXACHLOROBENZENE	3	16826	.	4000.00	UG/KG	.	8.29	80.90
1412	HEXACHLOROBENZENE	3	16829	.	14705.88	UG/KG	.	9.60	3.50
1416	HEXACHLOROBENZENE	3		.	9545.46	UG/KG	.	9.16	35.80
1425	HEXACHLOROBENZENE	3	16878	.	18181.82	UG/KG	.	9.81	19.50
1428	HEXACHLOROBENZENE	3	16869	.	6666.67	UG/KG	.	8.80	0.50
1433	HEXACHLOROBENZENE	3	16800	.	3703.70	UG/KG	.	8.22	89.30
1434	HEXACHLOROBENZENE	3	16806	.	1298.70	UG/KG	.	7.17	17.70
1435	HEXACHLOROBENZENE	3	17016	.	322.58	UG/KG	.	5.78	65.40
1439	HEXACHLOROBENZENE	3	17047	.	12345.68	UG/KG	.	9.42	10.10
1440	HEXACHLOROBENZENE	3	17050	.	1754.39	UG/KG	.	7.47	19.10
1448	HEXACHLOROBENZENE	3	16745	.	5263.16	UG/KG	.	8.57	62.60
1448	HEXACHLOROBENZENE	3	16746	.	33333.34	UG/KG	.	10.41	10.90
1449	HEXACHLOROBENZENE	3		.	1516.45	UG/KG	.	7.32	2.35
1462	HEXACHLCROBENZENE	3	16849	.	6666.67	UG/KG	.	8.80	7.20
1472	HEXACHLOROBENZENE	3		.	15268.07	UG/KG	.	9.63	20.45
1474	HEXACHLOROBENZENE	3	17031	.	2127.66	UG/KG	.	7.66	15.20
1475	HEXACHLOROBENZENE	3	17028	.	10989.01	UG/KG	.	9.30	30.70
1476	HEXACHLOROBENZENE	3		.	1420.23	UG/KG	.	7.26	23.50
1479	HEXACHLOROBENZENE	3	17144	.	322.58	UG/KG	.	5.78	30.10
1479	HEXACHLOROBENZENE	3	17150	.	568.18	UG/KG	.	6.34	1.76
1480	HEXACHLOROBENZENE	3	17044	.	8333.33	UG/KG	.	9.03	3.60
1486	HEXACHLOROBENZENE	3	17131	.	1612.90	UG/KG	.	7.39	2.60
1487	HEXACHLOROBENZENE	3	17023	.	21739.13	UG/KG	.	9.99	14.50
1489	HEXACHLOROBENZENE	3	17041	.	10000.00	UG/KG	.	9.21	34.10
1490	HEXACHLOROBENZENE	3	17027	.	16129.03	UG/KG	.	9.69	2.00
1492	HEXACHLOROBENZENE	3	17010	.	333.33	UG/KG	.	5.81	60.20
1497	HEXACHLOROBENZENE	3	17015	.	5263.16	UG/KG	.	8.57	0.19
1498	HEXACHLOROBENZENE	3		.	686.84	UG/KG	.	6.53	4.50
1502	HEXACHLOROBENZENE	3	17073	.	15625.00	UG/KG	.	9.66	2.90
1504	HEXACHLOROBENZENE	3	17078	.	4761.91	UG/KG	.	8.47	0.93
1505	HEXACHLOROBENZENE	3	17152	.	370.37	UG/KG	.	5.91	26.20
1507	HEXACHLOROBENZENE	3	17154	.	384.62	UG/KG	.	5.95	67.30
1508	HEXACHLOROBENZENE	3	17084	.	1183.29	UG/KG	.	7.08	2.70
1511	HEXACHLOROBENZENE	3	17139	.	1204.82	UG/KG	.	7.09	41.60
1513	HEXACHLOROBENZENE	3	17083	.	2008.27	UG/KG	.	7.61	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=HEXACHLOROBENZENE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	HEXACHLOROBENZENE	3	17002	.	5882.35	UG/KG	.	8.68	53.70
1518	HEXACHLOROBENZENE	3	17003	.	500.00	UG/KG	.	6.21	65.60
1519	HEXACHLOROBENZENE	3	17005	.	2564.10	UG/KG	.	7.85	11.80
1525	HEXACHLOROBENZENE	3	17001	.	7692.31	UG/KG	.	8.95	59.20
1526	HEXACHLOROBENZENE	3		.	333.33	UG/KG	.	5.81	27.75
1537	HEXACHLOROBENZENE	3	17090	.	370.37	UG/KG	.	5.91	17.30
1541	HEXACHLOROBENZENE	3	17091	.	266.67	UG/KG	.	5.59	5.00
1542	HEXACHLOROBENZENE	3	17089	.	454.55	UG/KG	.	6.12	76.80
1546	HEXACHLOROBENZENE	3	16804	.	15384.62	UG/KG	.	9.64	22.60
1547	HEXACHLOROBENZENE	3	17070	.	7692.31	UG/KG	.	8.95	45.10
1548	HEXACHLOROBENZENE	3	17067	.	18867.93	UG/KG	.	9.85	18.10
1560	HEXACHLOROBENZENE	3	16883	.	7692.31	UG/KG	.	8.95	71.40
1561	HEXACHLOROBENZENE	3	16891	.	1190.48	UG/KG	.	7.08	2.20
1561	HEXACHLOROBENZENE	3	16892	.	454.55	UG/KG	.	6.12	68.30
1563	HEXACHLOROBENZENE	3	17143	.	1090.63	UG/KG	.	6.99	2.65
1565	HEXACHLOROBENZENE	3	17057	.	8333.33	UG/KG	.	9.03	0.75
1566	HEXACHLOROBENZENE	3		.	8522.73	UG/KG	.	9.05	1.15

ANALYTE=HEXACHLOROBENZENE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	HEXACHLOROBENZENE	4	16525	.	3846.15	UG/KG	.	8.25	100.00
1362	HEXACHLOROBENZENE	4	16531	.	333.33	UG/KG	.	5.81	100.00
1363	HEXACHLOROBENZENE	4	16526	.	33333.34	UG/KG	.	10.41	0.80
1388	HEXACHLOROBENZENE	4	16815	.	2222.22	UG/KG	.	7.71	25.60
1389	HEXACHLOROBENZENE	4	16835	.	13698.63	UG/KG	.	9.53	34.80
1401	HEXACHLOROBENZENE	4	16802	.	30303.03	UG/KG	.	10.32	1.00
1407	HEXACHLOROBENZENE	4	16842	.	909.09	UG/KG	.	6.81	37.40
1408	HEXACHLOROBENZENE	4	16540	.	2777.78	UG/KG	.	7.93	15.10
1414	HEXACHLOROBENZENE	4	16744	.	1886.79	UG/KG	.	7.54	1.90
1415	HEXACHLOROBENZENE	4	16750	.	7142.86	UG/KG	.	8.87	0.50
1417	HEXACHLOROBENZENE	4	16742	.	2272.73	UG/KG	.	7.73	1.50
1420	HEXACHLOROBENZENE	4	16864	.	31250.00	UG/KG	.	10.35	10.70
1427	HEXACHLOROBENZENE	4	16867	.	769.23	UG/KG	.	6.65	52.80
1430	HEXACHLOROBENZENE	4	16537	.	5263.16	UG/KG	.	8.57	66.00
1431	HEXACHLOROBENZENE	4	16538	.	17543.86	UG/KG	.	9.77	20.30
1432	HEXACHLOROBENZENE	4	16539	.	7142.86	UG/KG	.	8.87	42.00
1441	HEXACHLOROBENZENE	4	16798	.	4761.91	UG/KG	.	8.47	2.80
1442	HEXACHLOROBENZENE	4	16797	.	588.24	UG/KG	.	6.38	64.00
1445	HEXACHLOROBENZENE	4	16871	.	16666.67	UG/KG	.	9.72	1.70
1455	HEXACHLOROBENZENE	4	16837	.	7692.31	UG/KG	.	8.95	44.80
1459	HEXACHLOROBENZENE	4	16747	.	4761.91	UG/KG	.	8.47	0.80
1461	HEXACHLOROBENZENE	4	16852	.	16666.67	UG/KG	.	9.72	0.23
1464	HEXACHLOROBENZENE	4	16876	.	714.29	UG/KG	.	6.57	19.10
1465	HEXACHLOROBENZENE	4	16877	.	7692.31	UG/KG	.	8.95	4.80
1466	HEXACHLOROBENZENE	4	17026	.	2702.70	UG/KG	.	7.90	2.30
1467	HEXACHLOROBENZENE	4	17030	.	4545.45	UG/KG	.	8.42	1.20
1468	HEXACHLOROBENZENE	4	17151	.	303.03	UG/KG	.	5.71	39.50
1470	HEXACHLOROBENZENE	4	16880	.	3030.30	UG/KG	.	8.02	1.20
1478	HEXACHLOROBENZENE	4	17060	.	10416.67	UG/KG	.	9.25	3.40
1488	HEXACHLOROBENZENE	4	17029	.	5555.56	UG/KG	.	8.62	62.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=HEXACHLOROBENZENE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1491	HEXACHLOROBENZENE	4	17011	.	2083.33	UG/KG	.	7.64	0.48
1496	HEXACHLOROBENZENE	4	17075	.	4545.45	UG/KG	.	8.42	2.50
1501	HEXACHLOROBENZENE	4	17074	.	43478.27	UG/KG	.	10.68	9.40
1506	HEXACHLOROBENZENE	4	17153	.	312.50	UG/KG	.	5.74	37.50
1509	HEXACHLOROBENZENE	4	17042	.	12048.19	UG/KG	.	9.40	47.60
1512	HEXACHLOROBENZENE	4	17138	.	1123.60	UG/KG	.	7.02	14.30
1516	HEXACHLOROBENZENE	4	17004	.	33333.34	UG/KG	.	10.41	1.00
1527	HEXACHLOROBENZENE	4	17040	.	434.78	UG/KG	.	6.07	72.70
1532	HEXACHLOROBENZENE	4	17007	.	7692.31	UG/KG	.	8.95	41.90
1539	HEXACHLOROBENZENE	4		.	1949.93	UG/KG	.	7.58	1.07
1549	HEXACHLOROBENZENE	4	17048	.	833.33	UG/KG	.	6.73	6.30
1551	HEXACHLOROBENZENE	4		.	27500.00	UG/KG	.	10.22	0.60
1555	HEXACHLOROBENZENE	4	17035	.	2222.22	UG/KG	.	7.71	5.10

ANALYTE=HEXACHLOROBUTADIENE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	HEXACHLOROBUTADIENE	1	16821	.	25641.03	UG/KG	.	10.15	11.90
1391	HEXACHLOROBUTADIENE	1	16885	.	14492.75	UG/KG	.	9.58	21.80
1419	HEXACHLOROBUTADIENE	1	16739	.	7692.31	UG/KG	.	8.95	44.00
1436	HEXACHLOROBUTADIENE	1	17036	.	833.33	UG/KG	.	6.73	38.20
1436	HEXACHLOROBUTADIENE	1	17145	.	333.33	UG/KG	.	5.81	39.90
1436	HEXACHLOROBUTADIENE	1	17149	.	344.83	UG/KG	.	5.84	40.90
1437	HEXACHLOROBUTADIENE	1	17033	.	20408.17	UG/KG	.	9.92	16.30
1438	HEXACHLOROBUTADIENE	1	17034	.	18181.82	UG/KG	.	9.81	19.10
1451	HEXACHLOROBUTADIENE	1	16887	.	4545.45	UG/KG	.	8.42	1.10
1452	HEXACHLOROBUTADIENE	1	16889	.	5263.16	UG/KG	.	8.57	61.80
1452	HEXACHLOROBUTADIENE	1	16890	.	5555.56	UG/KG	.	8.62	63.40
1469	HEXACHLOROBUTADIENE	1		.	13701.20	UG/KG	.	9.53	23.90
1471	HEXACHLOROBUTADIENE	1	17046	.	1351.35	UG/KG	.	7.21	25.30
1471	HEXACHLOROBUTADIENE	1	17052	.	15873.02	UG/KG	.	9.67	20.90
1530	HEXACHLOROBUTADIENE	1	17020	.	333.33	UG/KG	.	5.81	32.60
1530	HEXACHLOROBUTADIENE	1	17038	.	333.33	UG/KG	.	5.81	9.30
1533	HEXACHLOROBUTADIENE	1	17022	.	476.19	UG/KG	.	6.17	2.10
1534	HEXACHLOROBUTADIENE	1	17081	.	434.78	UG/KG	.	6.07	75.00
1543	HEXACHLOROBUTADIENE	1	17065	.	476.19	UG/KG	.	6.17	15.00
1543	HEXACHLOROBUTADIENE	1	17130	.	400.00	UG/KG	.	5.99	50.50
1543	HEXACHLOROBUTADIENE	1	17141	.	384.62	UG/KG	.	5.95	18.10
1550	HEXACHLOROBUTADIENE	1		.	7738.10	UG/KG	.	8.95	10.40
1552	HEXACHLOROBUTADIENE	1		.	4551.28	UG/KG	.	8.42	3.80
1553	HEXACHLOROBUTADIENE	1	16884	.	1587.30	UG/KG	.	7.37	2.00
1556	HEXACHLOROBUTADIENE	1	16896	.	2222.22	UG/KG	.	7.71	1.80
1559	HEXACHLOROBUTADIENE	1		.	3509.85	UG/KG	.	8.16	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEXACHLOROBUTADIENE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	HEXACHLOROBUTADIENE	2	16527	.	23809.53	UG/KG	.	10.08	19.20
1365	HEXACHLOROBUTADIENE	2	16528	.	111111.14	UG/KG	.	11.62	3.00
1366	HEXACHLOROBUTADIENE	2	16814	.	1449.28	UG/KG	.	7.28	25.00
1369	HEXACHLOROBUTADIENE	2	16818	.	18867.93	UG/KG	.	9.85	17.80
1380	HEXACHLOROBUTADIENE	2		.	10204.08	UG/KG	.	9.23	30.55
1390	HEXACHLOROBUTADIENE	2	16834	.	12987.01	UG/KG	.	9.47	32.20
1392	HEXACHLOROBUTADIENE	2		.	42572.47	UG/KG	.	10.66	21.55
1393	HEXACHLOROBUTADIENE	2	16529	.	66666.67	UG/KG	.	11.11	5.10
1399	HEXACHLOROBUTADIENE	2		.	833.33	UG/KG	.	6.73	4.15
1400	HEXACHLOROBUTADIENE	2	16810	.	16666.67	UG/KG	.	9.72	2.30
1403	HEXACHLOROBUTADIENE	2	16811	.	5263.16	UG/KG	.	8.57	71.70
1410	HEXACHLOROBUTADIENE	2	16833	.	17857.14	UG/KG	.	9.79	30.80
1413	HEXACHLOROBUTADIENE	2	17025	.	1562.50	UG/KG	.	7.35	2.80
1413	HEXACHLOROBUTADIENE	2	17061	.	19607.84	UG/KG	.	9.88	18.10
1418	HEXACHLOROBUTADIENE	2	16743	.	28571.43	UG/KG	.	10.26	3.70
1421	HEXACHLOROBUTADIENE	2		.	1666.67	UG/KG	.	7.42	1.85
1422	HEXACHLOROBUTADIENE	2	16831	.	17241.38	UG/KG	.	9.76	18.30
1423	HEXACHLOROBUTADIENE	2	16832	.	16666.67	UG/KG	.	9.72	20.40
1424	HEXACHLOROBUTADIENE	2	16799	.	23255.82	UG/KG	.	10.05	14.30
1426	HEXACHLOROBUTADIENE	2	16868	.	11494.25	UG/KG	.	9.35	3.10
1429	HEXACHLOROBUTADIENE	2		.	19419.31	UG/KG	.	9.87	17.05
1443	HEXACHLOROBUTADIENE	2	16823	.	7142.86	UG/KG	.	8.87	4.40
1443	HEXACHLOROBUTADIENE	2	16825	.	4347.83	UG/KG	.	8.38	3.90
1447	HEXACHLOROBUTADIENE	2		.	12500.00	UG/KG	.	9.43	3.60
1453	HEXACHLOROBUTADIENE	2	16888	.	1851.85	UG/KG	.	7.52	18.60
1454	HEXACHLOROBUTADIENE	2	16838	.	11235.96	UG/KG	.	9.33	38.30
1454	HEXACHLOROBUTADIENE	2	16839	.	21739.13	UG/KG	.	9.99	20.00
1456	HEXACHLOROBUTADIENE	2	17021	.	12500.00	UG/KG	.	9.43	2.00
1460	HEXACHLOROBUTADIENE	2	16879	.	8333.33	UG/KG	.	9.03	33.20
1463	HEXACHLOROBUTADIENE	2	16873	.	1282.05	UG/KG	.	7.16	3.80
1463	HEXACHLOROBUTADIENE	2	16874	.	15873.02	UG/KG	.	9.67	63.60
1481	HEXACHLOROBUTADIENE	2	17136	.	22222.22	UG/KG	.	10.01	14.80
1482	HEXACHLOROBUTADIENE	2		.	16954.02	UG/KG	.	9.74	19.90
1484	HEXACHLOROBUTADIENE	2	17024	.	153846.16	UG/KG	.	11.94	21.00
1485	HEXACHLOROBUTADIENE	2	17132	.	19607.84	UG/KG	.	9.88	4.64
1485	HEXACHLOROBUTADIENE	2	17133	.	217391.32	UG/KG	.	12.29	15.20
1493	HEXACHLOROBUTADIENE	2		.	4166.67	UG/KG	.	8.33	82.80
1495	HEXACHLOROBUTADIENE	2	17155	.	263.16	UG/KG	.	5.57	44.30
1499	HEXACHLOROBUTADIENE	2	17019	.	322.58	UG/KG	.	5.78	4.90
1500	HEXACHLOROBUTADIENE	2		.	14019.96	UG/KG	.	9.55	20.05
1503	HEXACHLOROBUTADIENE	2	17079	.	1052.63	UG/KG	.	6.96	31.90
1510	HEXACHLOROBUTADIENE	2	17072	.	1010.10	UG/KG	.	6.92	10.60
1514	HEXACHLOROBUTADIENE	2	17085	.	1111.11	UG/KG	.	7.01	11.00
1515	HEXACHLOROBUTADIENE	2		.	3571.43	UG/KG	.	8.18	94.30
1520	HEXACHLOROBUTADIENE	2	16855	.	8333.33	UG/KG	.	9.03	41.10
1521	HEXACHLOROBUTADIENE	2	16860	.	15873.02	UG/KG	.	9.67	19.20
1522	HEXACHLOROBUTADIENE	2	16853	.	19607.84	UG/KG	.	9.88	17.50
1523	HEXACHLOROBUTADIENE	2		.	6971.16	UG/KG	.	8.85	50.00
1524	HEXACHLOROBUTADIENE	2	16854	.	15384.62	UG/KG	.	9.64	26.30
1524	HEXACHLOROBUTADIENE	2	16856	.	15384.62	UG/KG	.	9.64	23.60
1529	HEXACHLOROBUTADIENE	2	17086	.	500.00	UG/KG	.	6.21	13.00
1535	HEXACHLOROBUTADIENE	2	17088	.	1014.61	UG/KG	.	6.92	2.80
1538	HEXACHLOROBUTADIENE	2	17087	.	250.00	UG/KG	.	5.52	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEXACHLOROBUTADIENE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	HEXACHLOROBUTADIENE	2	17093	.	100.00	UG/KG	.	4.61	24.40
1544	HEXACHLOROBUTADIENE	2	16803	.	18867.93	UG/KG	.	9.85	20.30
1545	HEXACHLOROBUTADIENE	2	16805	.	16949.15	UG/KG	.	9.74	20.60
1554	HEXACHLOROBUTADIENE	2	17066	.	4545.45	UG/KG	.	8.42	77.90
1554	HEXACHLOROBUTADIENE	2	17071	.	12820.51	UG/KG	.	9.46	27.90
1558	HEXACHLOROBUTADIENE	2	16801	.	21276.60	UG/KG	.	9.97	14.90
1564	HEXACHLOROBUTADIENE	2	17043	.	13513.51	UG/KG	.	9.51	25.50
1564	HEXACHLOROBUTADIENE	2	17049	.	6250.00	UG/KG	.	8.74	48.70

---------- ANALYTE=HEXACHLOROBUTADIENE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	HEXACHLOROBUTADIENE	3	16532	.	7692.31	UG/KG	.	8.95	5.50
1367	HEXACHLOROBUTADIENE	3	16533	.	23809.53	UG/KG	.	10.08	16.30
1367	HEXACHLOROBUTADIENE	3	16534	.	4545.45	UG/KG	.	8.42	89.60
1370	HEXACHLOROBUTADIENE	3	16817	.	2564.10	UG/KG	.	7.85	14.20
1381	HEXACHLOROBUTADIENE	3	16819	.	10101.01	UG/KG	.	9.22	3.40
1382	HEXACHLOROBUTADIENE	3	16816	.	454.55	UG/KG	.	6.12	74.50
1384	HEXACHLOROBUTADIENE	3	16536	.	100000.04	UG/KG	.	11.51	33.20
1385	HEXACHLOROBUTADIENE	3	16886	.	11904.76	UG/KG	.	9.38	4.30
1395	HEXACHLOROBUTADIENE	3	16861	.	2000.00	UG/KG	.	7.60	2.30
1395	HEXACHLOROBUTADIENE	3	16862	.	16129.03	UG/KG	.	9.69	19.10
1396	HEXACHLOROBUTADIENE	3	16830	.	27777.78	UG/KG	.	10.23	3.20
1397	HEXACHLOROBUTADIENE	3	16851	.	62500.01	UG/KG	.	11.04	7.80
1402	HEXACHLOROBUTADIENE	3	16809	.	25641.03	UG/KG	.	10.15	1.40
1404	HEXACHLOROBUTADIENE	3		.	16666.67	UG/KG	.	9.72	2.00
1405	HEXACHLOROBUTADIENE	3	16843	.	2325.58	UG/KG	.	7.75	15.20
1405	HEXACHLOROBUTADIENE	3	16844	.	6250.00	UG/KG	.	8.74	53.80
1406	HEXACHLOROBUTADIENE	3	16841	.	10526.32	UG/KG	.	9.26	1.60
1409	HEXACHLOROBUTADIENE	3		.	8333.33	UG/KG	.	9.03	4.55
1411	HEXACHLOROBUTADIENE	3	16826	.	4000.00	UG/KG	.	8.29	80.90
1412	HEXACHLOROBUTADIENE	3	16829	.	14705.88	UG/KG	.	9.60	3.50
1416	HEXACHLOROBUTADIENE	3		.	9545.46	UG/KG	.	9.16	35.80
1425	HEXACHLOROBUTADIENE	3	16878	.	18181.82	UG/KG	.	9.81	19.50
1428	HEXACHLOROBUTADIENE	3	16869	.	6666.67	UG/KG	.	8.80	0.50
1433	HEXACHLOROBUTADIENE	3	16800	.	3703.70	UG/KG	.	8.22	89.30
1434	HEXACHLOROBUTADIENE	3	16806	.	1298.70	UG/KG	.	7.17	17.70
1435	HEXACHLOROBUTADIENE	3	17016	.	322.58	UG/KG	.	5.78	65.40
1439	HEXACHLOROBUTADIENE	3	17047	.	12345.68	UG/KG	.	9.42	10.10
1440	HEXACHLOROBUTADIENE	3	17050	.	1754.39	UG/KG	.	7.47	19.10
1448	HEXACHLOROBUTADIENE	3	16745	.	5263.16	UG/KG	.	8.57	62.60
1448	HEXACHLOROBUTADIENE	3	16746	.	33333.34	UG/KG	.	10.41	10.90
1449	HEXACHLOROBUTADIENE	3		.	1516.45	UG/KG	.	7.32	2.35
1462	HEXACHLOROBUTADIENE	3	16849	.	6666.67	UG/KG	.	8.80	7.20
1472	HEXACHLOROBUTADIENE	3		.	15268.07	UG/KG	.	9.63	20.45
1474	HEXACHLOROBUTADIENE	3	17031	.	2127.66	UG/KG	.	7.66	15.20
1475	HEXACHLOROBUTADIENE	3	17028	.	10989.01	UG/KG	.	9.30	30.70
1476	HEXACHLOROBUTADIENE	3		.	1420.23	UG/KG	.	7.26	23.50
1479	HEXACHLOROBUTADIENE	3	17144	.	322.58	UG/KG	.	5.78	30.10
1479	HEXACHLOROBUTADIENE	3	17150	.	568.18	UG/KG	.	6.34	1.76
1480	HEXACHLOROBUTADIENE	3	17044	.	8333.33	UG/KG	.	9.03	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEXACHLOROBUTADIENE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	HEXACHLOROBUTADIENE	3	17131	.	1612.90	UG/KG	.	7.39	2.60
1487	HEXACHLOROBUTADIENE	3	17023	.	21739.13	UG/KG	.	9.99	14.50
1489	HEXACHLOROBUTADIENE	3	17041	.	10000.00	UG/KG	.	9.21	34.10
1490	HEXACHLOROBUTADIENE	3	17027	.	16129.03	UG/KG	.	9.69	2.00
1492	HEXACHLOROBUTADIENE	3	17010	.	333.33	UG/KG	.	5.81	60.20
1497	HEXACHLOROBUTADIENE	3	17015	.	5263.16	UG/KG	.	8.57	0.19
1498	HEXACHLOROBUTADIENE	3		.	686.84	UG/KG	.	6.53	4.50
1502	HEXACHLOROBUTADIENE	3	17073	.	15625.00	UG/KG	.	9.66	2.90
1504	HEXACHLOROBUTADIENE	3	17078	.	4761.91	UG/KG	.	8.47	0.93
1505	HEXACHLOROBUTADIENE	3	17152	.	370.37	UG/KG	.	5.91	26.20
1507	HEXACHLOROBUTADIENE	3	17154	.	384.62	UG/KG	.	5.95	67.30
1508	HEXACHLOROBUTADIENE	3	17084	.	1183.29	UG/KG	.	7.08	2.70
1511	HEXACHLOROBUTADIENE	3	17139	.	1204.82	UG/KG	.	7.09	41.60
1513	HEXACHLOROBUTADIENE	3	17083	.	2008.27	UG/KG	.	7.61	1.29
1517	HEXACHLOROBUTADIENE	3	17002	.	5882.35	UG/KG	.	8.68	53.70
1518	HEXACHLOROBUTADIENE	3	17003	.	500.00	UG/KG	.	6.21	65.60
1519	HEXACHLOROBUTADIENE	3	17005	.	2564.10	UG/KG	.	7.85	11.80
1525	HEXACHLOROBUTADIENE	3	17001	.	7692.31	UG/KG	.	8.95	59.20
1526	HEXACHLOROBUTADIENE	3		.	333.33	UG/KG	.	5.81	27.75
1537	HEXACHLOROBUTADIENE	3	17090	.	370.37	UG/KG	.	5.91	17.30
1541	HEXACHLOROBUTADIENE	3	17091	.	266.67	UG/KG	.	5.59	5.00
1542	HEXACHLOROBUTADIENE	3	17089	.	454.55	UG/KG	.	6.12	76.80
1546	HEXACHLOROBUTADIENE	3	16804	.	15384.62	UG/KG	.	9.64	22.60
1547	HEXACHLOROBUTADIENE	3	17070	.	7692.31	UG/KG	.	8.95	45.10
1548	HEXACHLOROBUTADIENE	3	17067	.	18867.93	UG/KG	.	9.85	18.10
1560	HEXACHLOROBUTADIENE	3	16883	.	7692.31	UG/KG	.	8.95	71.40
1561	HEXACHLOROBUTADIENE	3	16891	.	1190.48	UG/KG	.	7.08	2.20
1561	HEXACHLOROBUTADIENE	3	16892	.	454.55	UG/KG	.	6.12	68.30
1563	HEXACHLOROBUTADIENE	3	17143	.	1090.63	UG/KG	.	6.99	2.65
1565	HEXACHLOROBUTADIENE	3	17057	.	8333.33	UG/KG	.	9.03	0.75
1566	HEXACHLOROBUTADIENE	3		.	8522.73	UG/KG	.	9.05	1.15

---------- ANALYTE=HEXACHLOROBUTADIENE STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	HEXACHLOROBUTADIENE	4	16525	.	3846.15	UG/KG	.	8.25	100.00
1362	HEXACHLOROBUTADIENE	4	16531	.	333.33	UG/KG	.	5.81	100.00
1363	HEXACHLOROBUTADIENE	4	16526	.	33333.34	UG/KG	.	10.41	0.80
1388	HEXACHLOROBUTADIENE	4	16815	.	2222.22	UG/KG	.	7.71	25.60
1389	HEXACHLOROBUTADIENE	4	16835	.	13698.63	UG/KG	.	9.53	34.80
1401	HEXACHLOROBUTADIENE	4	16802	.	30303.03	UG/KG	.	10.32	1.00
1407	HEXACHLOROBUTADIENE	4	16842	.	909.09	UG/KG	.	6.81	37.40
1408	HEXACHLOROBUTADIENE	4	16540	.	2777.78	UG/KG	.	7.93	15.10
1414	HEXACHLOROBUTADIENE	4	16744	.	1886.79	UG/KG	.	7.54	1.90
1415	HEXACHLOROBUTADIENE	4	16750	.	7142.86	UG/KG	.	8.87	0.50
1417	HEXACHLOROBUTADIENE	4	16742	.	2272.73	UG/KG	.	7.73	1.50
1420	HEXACHLOROBUTADIENE	4	16864	.	31250.00	UG/KG	.	10.35	10.70
1427	HEXACHLOROBUTADIENE	4	16867	.	769.23	UG/KG	.	6.65	52.80
1430	HEXACHLOROBUTADIENE	4	16537	.	5263.16	UG/KG	.	8.57	66.00
1431	HEXACHLOROBUTADIENE	4	16538	.	17543.86	UG/KG	.	9.77	20.30
1432	HEXACHLOROBUTADIENE	4	16539	.	7142.86	UG/KG	.	8.87	42.00

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NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=HEXACHLOROBUTADIENE STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1441	HEXACHLOROBUTADIENE	4	16798	.	4761.91	UG/KG	.	8.47	2.80
1442	HEXACHLOROBUTADIENE	4	16797	.	588.24	UG/KG	.	6.38	64.00
1445	HEXACHLOROBUTADIENE	4	16871	.	16666.67	UG/KG	.	9.72	1.70
1455	HEXACHLOROBUTADIENE	4	16837	.	7692.31	UG/KG	.	8.95	44.80
1459	HEXACHLOROBUTADIENE	4	16747	.	4761.91	UG/KG	.	8.47	0.80
1461	HEXACHLOROBUTADIENE	4	16852	.	16666.67	UG/KG	.	9.72	0.23
1464	HEXACHLOROBUTADIENE	4	16876	.	714.29	UG/KG	.	6.57	19.10
1465	HEXACHLOROBUTADIENE	4	16877	.	7692.31	UG/KG	.	8.95	4.80
1466	HEXACHLOROBUTADIENE	4	17026	.	2702.70	UG/KG	.	7.90	2.30
1467	HEXACHLOROBUTADIENE	4	17030	.	4545.45	UG/KG	.	8.42	1.20
1468	HEXACHLOROBUTADIENE	4	17151	.	303.03	UG/KG	.	5.71	39.50
1470	HEXACHLOROBUTADIENE	4	16880	.	3030.30	UG/KG	.	8.02	1.20
1478	HEXACHLOROBUTADIENE	4	17060	.	10416.67	UG/KG	.	9.25	3.40
1488	HEXACHLOROBUTADIENE	4	17029	.	5555.56	UG/KG	.	8.62	62.40
1491	HEXACHLOROBUTADIENE	4	17011	.	2083.33	UG/KG	.	7.64	0.48
1496	HEXACHLOROBUTADIENE	4	17075	.	4545.45	UG/KG	.	8.42	2.50
1501	HEXACHLOROBUTADIENE	4	17074	.	43478.27	UG/KG	.	10.68	9.40
1506	HEXACHLOROBUTADIENE	4	17153	.	312.50	UG/KG	.	5.74	37.50
1509	HEXACHLOROBUTADIENE	4	17042	.	12048.19	UG/KG	.	9.40	47.60
1512	HEXACHLOROBUTADIENE	4	17138	.	1123.60	UG/KG	.	7.02	14.30
1516	HEXACHLOROBUTADIENE	4	17004	.	33333.34	UG/KG	.	10.41	1.00
1527	HEXACHLOROBUTADIENE	4	17040	.	434.78	UG/KG	.	6.07	72.70
1532	HEXACHLOROBUTADIENE	4	17007	.	7692.31	UG/KG	.	8.95	41.90
1539	HEXACHLOROBUTADIENE	4		.	1949.93	UG/KG	.	7.58	1.07
1549	HEXACHLOROBUTADIENE	4	17048	.	833.33	UG/KG	.	6.73	6.30
1551	HEXACHLOROBUTADIENE	4		.	27500.00	UG/KG	.	10.22	0.60
1555	HEXACHLOROBUTADIENE	4	17035	.	2222.22	UG/KG	.	7.71	5.10

---------- ANALYTE=LEAD STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	LEAD	1	16821	121.00	.	MG/KG	4.80	.	11.90
1391	LEAD	1	16885	211.00	.	MG/KG	5.35	.	21.80
1419	LEAD	1	16739	291.00	.	MG/KG	5.67	.	44.00
1436	LEAD	1	17036	339.00	.	MG/KG	5.83	.	38.20
1436	LEAD	1	17145	95.20	.	MG/KG	4.56	.	39.90
1436	LEAD	1	17149	227.00	.	MG/KG	5.42	.	40.90
1437	LEAD	1	17033	252.00	.	MG/KG	5.53	.	16.30
1438	LEAD	1	17034	210.00	.	MG/KG	5.35	.	19.10
1451	LEAD	1	16887	338.00	.	MG/KG	5.82	.	1.10
1452	LEAD	1	16889	459.00	.	MG/KG	6.13	.	61.80
1452	LEAD	1	16890	491.00	.	MG/KG	6.20	.	63.40
1469	LEAD	1		237.50	.	MG/KG	5.47	.	23.90
1471	LEAD	1	17046	124.00	.	MG/KG	4.82	.	25.30
1471	LEAD	1	17052	160.00	.	MG/KG	5.08	.	20.90
1530	LEAD	1	17020	68.50	.	MG/KG	4.23	.	32.60
1530	LEAD	1	17038	124.00	.	MG/KG	4.82	.	9.30
1533	LEAD	1	17022	66.60	.	MG/KG	4.20	.	2.10
1534	LEAD	1	17081	47.70	.	MG/KG	3.86	.	75.00
1543	LEAD	1	17065	80.80	.	MG/KG	4.39	.	15.00
1543	LEAD	1	17130	153.00	.	MG/KG	5.03	.	50.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=LEAD STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1543	LEAD	1	17141	173.00	.	MG/KG	5.15	.	18.10
1550	LEAD	1		296.00	.	MG/KG	5.69	.	10.40
1552	LEAD	1		377.50	.	MG/KG	5.93	.	3.80
1553	LEAD	1	16884	248.00	.	MG/KG	5.51	.	2.00
1556	LEAD	1	16896	350.00	.	MG/KG	5.86	.	1.80
1559	LEAD	1		314.00	.	MG/KG	5.75	.	8.45

ANALYTE=LEAD STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	LEAD	2	16527	166.00	.	MG/KG	5.11	.	19.20
1365	LEAD	2	16528	444.00	.	MG/KG	6.10	.	3.00
1366	LEAD	2	16814	90.00	.	MG/KG	4.50	.	25.00
1369	LEAD	2	16818	575.00	.	MG/KG	6.35	.	17.80
1380	LEAD	2		164.50	.	MG/KG	5.10	.	30.55
1390	LEAD	2	16834	27.80	.	MG/KG	3.33	.	32.20
1392	LEAD	2		162.15	.	MG/KG	5.09	.	21.55
1393	LEAD	2	16529	68.60	.	MG/KG	4.23	.	5.10
1399	LEAD	2		30.50	24.40	MG/KG	3.42	3.19	4.15
1400	LEAD	2	16810	153.00	.	MG/KG	5.03	.	2.30
1403	LEAD	2	16811	486.00	.	MG/KG	6.19	.	71.70
1410	LEAD	2	16833	144.00	.	MG/KG	4.97	.	30.80
1413	LEAD	2	17025	221.00	.	MG/KG	5.40	.	2.80
1413	LEAD	2	17061	196.00	.	MG/KG	5.28	.	18.10
1418	LEAD	2	16743	45.40	.	MG/KG	3.82	.	3.70
1421	LEAD	2		425.50	.	MG/KG	6.05	.	1.85
1422	LEAD	2	16831	96.40	.	MG/KG	4.57	.	18.30
1423	LEAD	2	16832	1670.00	.	MG/KG	7.42	.	20.40
1424	LEAD	2	16799	138.00	.	MG/KG	4.93	.	14.30
1426	LEAD	2	16868	263.00	.	MG/KG	5.57	.	3.10
1429	LEAD	2		370.50	.	MG/KG	5.91	.	17.05
1443	LEAD	2	16823	.	114.00	MG/KG	.	4.74	4.40
1443	LEAD	2	16825	168.00	.	MG/KG	5.12	.	3.90
1447	LEAD	2		229.00	.	MG/KG	5.43	.	3.60
1453	LEAD	2	16888	472.00	.	MG/KG	6.16	.	18.60
1454	LEAD	2	16838	537.00	.	MG/KG	6.29	.	38.30
1454	LEAD	2	16839	232.00	.	MG/KG	5.45	.	20.00
1456	LEAD	2	17021	349.00	.	MG/KG	5.86	.	2.00
1460	LEAD	2	16879	661.00	.	MG/KG	6.49	.	33.20
1463	LEAD	2	16873	302.00	.	MG/KG	5.71	.	3.80
1463	LEAD	2	16874	118.00	.	MG/KG	4.77	.	63.60
1481	LEAD	2	17136	63.70	.	MG/KG	4.15	.	14.80
1482	LEAD	2		49.90	.	MG/KG	3.91	.	19.90
1484	LEAD	2	17024	166.00	.	MG/KG	5.11	.	21.00
1485	LEAD	2	17132	41.80	.	MG/KG	3.73	.	4.64
1485	LEAD	2	17133	58.20	.	MG/KG	4.06	.	15.20
1493	LEAD	2		310.50	.	MG/KG	5.74	.	82.80
1495	LEAD	2	17155	54.70	.	MG/KG	4.00	.	44.30
1499	LEAD	2	17019	454.00	.	MG/KG	6.12	.	4.90
1500	LEAD	2		757.50	.	MG/KG	6.63	.	20.05
1503	LEAD	2	17079	91.40	.	MG/KG	4.52	.	31.90

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=LEAD STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1510	LEAD	2	17072	129.00	.	MG/KG	4.86	.	10.60
1514	LEAD	2	17085	23.20	.	MG/KG	3.14	.	11.00
1515	LEAD	2		99.70	.	MG/KG	4.60	.	94.30
1520	LEAD	2	16855	55.40	.	MG/KG	4.01	.	41.10
1521	LEAD	2	16860	402.00	.	MG/KG	6.00	.	19.20
1522	LEAD	2	16853	73.20	.	MG/KG	4.29	.	17.50
1523	LEAD	2		40.80	.	MG/KG	3.71	.	50.00
1524	LEAD	2	16854	65.30	.	MG/KG	4.18	.	26.30
1524	LEAD	2	16856	53.50	.	MG/KG	3.98	.	23.60
1529	LEAD	2	17086	357.00	.	MG/KG	5.88	.	13.00
1535	LEAD	2	17088	142.00	.	MG/KG	4.96	.	2.80
1538	LEAD	2	17087	247.00	.	MG/KG	5.51	.	70.50
1540	LEAD	2	17093	156.00	.	MG/KG	5.05	.	24.40
1544	LEAD	2	16803	52.70	.	MG/KG	3.96	.	20.30
1545	LEAD	2	16805	158.00	.	MG/KG	5.06	.	20.60
1554	LEAD	2	17066	328.90	.	MG/KG	5.80	.	77.90
1554	LEAD	2	17071	234.00	.	MG/KG	5.46	.	27.90
1558	LEAD	2	16801	133.00	.	MG/KG	4.89	.	14.90
1564	LEAD	2	17043	352.00	.	MG/KG	5.86	.	25.50
1564	LEAD	2	17049	314.00	.	MG/KG	5.75	.	48.70

---------- ANALYTE=LEAD STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	LEAD	3	16532	210.00	.	MG/KG	5.35	.	5.50
1367	LEAD	3	16533	160.00	.	MG/KG	5.08	.	16.30
1367	LEAD	3	16534	217.00	.	MG/KG	5.38	.	89.60
1370	LEAD	3	16817	483.00	.	MG/KG	6.18	.	14.20
1381	LEAD	3	16819	128.00	.	MG/KG	4.85	.	3.40
1382	LEAD	3	16816	58.10	.	MG/KG	4.06	.	74.50
1384	LEAD	3	16536	522.00	.	MG/KG	6.26	.	33.20
1385	LEAD	3	16886	270.00	.	MG/KG	5.60	.	4.30
1395	LEAD	3	16861	100.00	.	MG/KG	4.61	.	2.30
1395	LEAD	3	16862	101.00	.	MG/KG	4.62	.	19.10
1396	LEAD	3	16830	440.00	.	MG/KG	6.09	.	3.20
1397	LEAD	3	16851	149.00	.	MG/KG	5.00	.	7.80
1402	LEAD	3	16809	.	71.50	MG/KG	.	4.27	1.40
1404	LEAD	3		266.20	.	MG/KG	5.58	.	2.00
1405	LEAD	3	16843	125.00	.	MG/KG	4.83	.	15.20
1405	LEAD	3	16844	156.00	.	MG/KG	5.05	.	53.80
1406	LEAD	3	16841	156.00	.	MG/KG	5.05	.	1.60
1409	LEAD	3		95.20	52.50	MG/KG	4.56	3.96	4.55
1411	LEAD	3	16826	98.10	.	MG/KG	4.59	.	80.90
1412	LEAD	3	16829	178.00	.	MG/KG	5.18	.	3.50
1416	LEAD	3		87.10	.	MG/KG	4.47	.	35.80
1425	LEAD	3	16878	228.00	.	MG/KG	5.43	.	19.50
1428	LEAD	3	16869	.	200.00	MG/KG	.	5.30	0.50
1433	LEAD	3	16800	169.00	.	MG/KG	5.13	.	89.30
1434	LEAD	3	16806	80.10	.	MG/KG	4.38	.	17.70
1435	LEAD	3	17016	115.00	.	MG/KG	4.74	.	65.40
1439	LEAD	3	17047	52.60	.	MG/KG	3.96	.	10.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=LEAD STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1440	LEAD	3	17050	47.50	.	MG/KG	3.86	.	19.10
1448	LEAD	3	16745	187.00	.	MG/KG	5.23	.	62.60
1448	LEAD	3	16746	23.60	.	MG/KG	3.16	.	10.90
1449	LEAD	3		229.25	.	MG/KG	5.43	.	2.35
1462	LEAD	3	16849	282.00	.	MG/KG	5.64	.	7.20
1472	LEAD	3		112.50	.	MG/KG	4.72	.	20.45
1474	LEAD	3	17031	279.00	.	MG/KG	5.63	.	15.20
1475	LEAD	3	17028	117.00	.	MG/KG	4.76	.	30.70
1476	LEAD	3		103.35	.	MG/KG	4.64	.	23.50
1479	LEAD	3	17144	17.10	.	MG/KG	2.84	.	30.10
1479	LEAD	3	17150	.	56.50	MG/KG	.	4.03	1.76
1480	LEAD	3	17044	221.00	.	MG/KG	5.40	.	3.60
1486	LEAD	3	17131	.	38.50	MG/KG	.	3.65	2.60
1487	LEAD	3	17023	49.70	.	MG/KG	3.91	.	14.50
1489	LEAD	3	17041	39.90	.	MG/KG	3.69	.	34.10
1490	LEAD	3	17027	90.00	.	MG/KG	4.50	.	2.00
1492	LEAD	3	17010	286.00	.	MG/KG	5.66	.	60.20
1497	LEAD	3	17015	.	525.00	MG/KG	.	6.26	0.19
1498	LEAD	3		53.40	35.40	MG/KG	3.98	3.57	4.50
1502	LEAD	3	17073	.	57.50	MG/KG	.	4.05	2.90
1504	LEAD	3	17078	136.00	.	MG/KG	4.91	.	0.93
1505	LEAD	3	17152	448.00	.	MG/KG	6.10	.	26.20
1507	LEAD	3	17154	52.40	.	MG/KG	3.96	.	67.30
1508	LEAD	3	17084	81.60	.	MG/KG	4.40	.	2.70
1511	LEAD	3	17139	100.00	.	MG/KG	4.61	.	41.60
1513	LEAD	3	17083	.	77.00	MG/KG	.	4.34	1.29
1517	LEAD	3	17002	128.00	.	MG/KG	4.85	.	53.70
1518	LEAD	3	17003	149.00	.	MG/KG	5.00	.	65.60
1519	LEAD	3	17005	388.00	.	MG/KG	5.96	.	11.80
1525	LEAD	3	17001	209.00	.	MG/KG	5.34	.	59.20
1526	LEAD	3		63.15	.	MG/KG	4.15	.	27.75
1537	LEAD	3	17090	124.00	.	MG/KG	4.82	.	17.30
1541	LEAD	3	17091	79.20	.	MG/KG	4.37	.	5.00
1542	LEAD	3	17089	630.00	.	MG/KG	6.45	.	76.80
1546	LEAD	3	16804	63.40	.	MG/KG	4.15	.	22.60
1547	LEAD	3	17070	75.70	.	MG/KG	4.33	.	45.10
1548	LEAD	3	17067	86.10	.	MG/KG	4.46	.	18.10
1560	LEAD	3	16883	282.00	.	MG/KG	5.64	.	71.40
1561	LEAD	3	16891	47.30	.	MG/KG	3.86	.	2.20
1561	LEAD	3	16892	67.00	.	MG/KG	4.20	.	68.30
1563	LEAD	3	17143	.	63.00	MG/KG	.	4.14	2.65
1565	LEAD	3	17057	.	134.00	MG/KG	.	4.90	0.75
1566	LEAD	3		235.00	.	MG/KG	5.46	.	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=LEAD STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	LEAD	4	16525	14.30	.	MG/KG	2.66	.	100.00
1363	LEAD	4	16526	137.00	.	MG/KG	4.92	.	0.80
1388	LEAD	4	16815	.	3.90	MG/KG	.	1.36	25.60
1389	LEAD	4	16835	71.70	.	MG/KG	4.27	.	34.80
1401	LEAD	4	16802	24.80	.	MG/KG	3.21	.	1.00
1407	LEAD	4	16842	34.80	.	MG/KG	3.55	.	37.40
1408	LEAD	4	16540	9.40	.	MG/KG	2.24	.	15.10
1414	LEAD	4	16744	.	52.50	MG/KG	.	3.96	1.90
1415	LEAD	4	16750	.	200.00	MG/KG	.	5.30	0.50
1417	LEAD	4	16742	.	66.50	MG/KG	.	4.20	1.50
1420	LEAD	4	16864	158.00	.	MG/KG	5.06	.	10.70
1427	LEAD	4	16867	20.80	.	MG/KG	3.03	.	52.80
1430	LEAD	4	16537	196.00	.	MG/KG	5.28	.	66.00
1431	LEAD	4	16538	78.50	.	MG/KG	4.36	.	20.30
1432	LEAD	4	16539	231.00	.	MG/KG	5.44	.	42.00
1441	LEAD	4	16798	127.00	.	MG/KG	4.84	.	2.80
1442	LEAD	4	16797	24.50	.	MG/KG	3.20	.	64.00
1445	LEAD	4	16871	.	59.00	MG/KG	.	4.08	1.70
1455	LEAD	4	16837	992.00	.	MG/KG	6.90	.	44.80
1459	LEAD	4	16747	.	125.00	MG/KG	.	4.83	0.80
1461	LEAD	4	16852	.	218.00	MG/KG	.	5.38	0.23
1464	LEAD	4	16876	236.00	.	MG/KG	5.46	.	19.10
1465	LEAD	4	16877	88.40	.	MG/KG	4.48	.	4.80
1466	LEAD	4	17026	149.00	.	MG/KG	5.00	.	2.30
1467	LEAD	4	17030	.	83.50	MG/KG	.	4.42	1.20
1468	LEAD	4	17151	60.70	.	MG/KG	4.11	.	39.50
1470	LEAD	4	16880	112.00	.	MG/KG	4.72	.	1.20
1478	LEAD	4	17060	107.00	.	MG/KG	4.67	.	3.40
1488	LEAD	4	17029	108.00	.	MG/KG	4.68	.	62.40
1491	LEAD	4	17011	.	208.00	MG/KG	.	5.34	0.48
1496	LEAD	4	17075	138.00	.	MG/KG	4.93	.	2.50
1501	LEAD	4	17074	111.00	.	MG/KG	4.71	.	9.40
1506	LEAD	4	17153	58.20	.	MG/KG	4.06	.	37.50
1509	LEAD	4	17042	46.80	.	MG/KG	3.85	.	47.60
1512	LEAD	4	17138	214.00	.	MG/KG	5.37	.	14.30
1516	LEAD	4	17004	104.00	.	MG/KG	4.64	.	1.00
1527	LEAD	4	17040	28.80	.	MG/KG	3.36	.	72.70
1532	LEAD	4	17007	146.00	.	MG/KG	4.98	.	41.90
1539	LEAD	4		.	95.50	MG/KG	.	4.56	1.07
1549	LEAD	4	17048	55.70	.	MG/KG	4.02	.	6.30
1551	LEAD	4		211.00	166.00	MG/KG	5.35	5.11	0.60
1555	LEAD	4	17035	309.00	.	MG/KG	5.73	.	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=LINDANE (GAMMA-BHC) STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	LINDANE (GAMMA-BHC)	1	16821	.	26.89	UG/KG	.	3.29	11.90
1391	LINDANE (GAMMA-BHC)	1	16885	.	25.96	UG/KG	.	3.26	21.80
1419	LINDANE (GAMMA-BHC)	1	16739	.	19.14	UG/KG	.	2.95	44.00
1436	LINDANE (GAMMA-BHC)	1	17036	.	22.04	UG/KG	.	3.09	38.20
1436	LINDANE (GAMMA-BHC)	1	17145	.	20.88	UG/KG	.	3.04	39.90
1436	LINDANE (GAMMA-BHC)	1	17149	.	20.37	UG/KG	.	3.01	40.90
1437	LINDANE (GAMMA-BHC)	1	17033	.	26.63	UG/KG	.	3.28	16.30
1438	LINDANE (GAMMA-BHC)	1	17034	.	24.76	UG/KG	.	3.21	19.10
1451	LINDANE (GAMMA-BHC)	1	16887	.	38.18	UG/KG	.	3.64	1.10
1452	LINDANE (GAMMA-BHC)	1	16889	.	12.96	UG/KG	.	2.56	61.80
1452	LINDANE (GAMMA-BHC)	1	16890	.	13.11	UG/KG	.	2.57	63.40
1469	LINDANE (GAMMA-BHC)	1		.	26.54	UG/KG	.	3.28	23.90
1471	LINDANE (GAMMA-BHC)	1	17046	.	26.01	UG/KG	.	3.26	25.30
1471	LINDANE (GAMMA-BHC)	1	17052	.	25.65	UG/KG	.	3.24	20.90
1530	LINDANE (GAMMA-BHC)	1	17020	.	22.21	UG/KG	.	3.10	32.60
1530	LINDANE (GAMMA-BHC)	1	17038	.	26.56	UG/KG	.	3.28	9.30
1533	LINDANE (GAMMA-BHC)	1	17022	.	28.57	UG/KG	.	3.35	2.10
1534	LINDANE (GAMMA-BHC)	1	17081	.	11.23	UG/KG	.	2.42	75.00
1543	LINDANE (GAMMA-BHC)	1	17065	.	28.93	UG/KG	.	3.36	15.00
1543	LINDANE (GAMMA-BHC)	1	17130	.	16.34	UG/KG	.	2.79	50.50
1543	LINDANE (GAMMA-BHC)	1	17141	.	25.41	UG/KG	.	3.24	18.10
1550	LINDANE (GAMMA-BHC)	1		.	16.45	UG/KG	.	2.80	10.40
1552	LINDANE (GAMMA-BHC)	1		.	30.26	UG/KG	.	3.41	3.80
1553	LINDANE (GAMMA-BHC)	1	16884	.	34.00	UG/KG	.	3.53	2.00
1556	LINDANE (GAMMA-BHC)	1	16896	.	38.33	UG/KG	.	3.65	1.80
1559	LINDANE (GAMMA-BHC)	1		.	24.81	UG/KG	.	3.21	8.45

---------- ANALYTE=LINDANE (GAMMA-BHC) STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	LINDANE (GAMMA-BHC)	2	16527	.	28.39	UG/KG	.	3.35	19.20
1365	LINDANE (GAMMA-BHC)	2	16528	.	43.33	UG/KG	.	3.77	3.00
1366	LINDANE (GAMMA-BHC)	2	16814	.	27.56	UG/KG	.	3.32	25.00
1369	LINDANE (GAMMA-BHC)	2	16818	.	26.80	UG/KG	.	3.29	17.80
1380	LINDANE (GAMMA-BHC)	2		.	27.77	UG/KG	.	3.32	30.55
1390	LINDANE (GAMMA-BHC)	2	16834	.	22.95	UG/KG	.	3.13	32.20
1392	LINDANE (GAMMA-BHC)	2		.	16.61	UG/KG	.	2.81	21.55
1393	LINDANE (GAMMA-BHC)	2	16529	.	42.16	UG/KG	.	3.74	5.10
1399	LINDANE (GAMMA-BHC)	2		.	18.80	UG/KG	.	2.93	4.15
1400	LINDANE (GAMMA-BHC)	2	16810	.	24.35	UG/KG	.	3.19	2.30
1403	LINDANE (GAMMA-BHC)	2	16811	.	11.74	UG/KG	.	2.46	71.70
1410	LINDANE (GAMMA-BHC)	2	16833	.	15.88	UG/KG	.	2.76	30.80
1413	LINDANE (GAMMA-BHC)	2	17025	.	29.64	UG/KG	.	3.39	2.80
1413	LINDANE (GAMMA-BHC)	2	17061	.	25.52	UG/KG	.	3.24	18.10
1418	LINDANE (GAMMA-BHC)	2	16743	.	26.49	UG/KG	.	3.28	3.70
1421	LINDANE (GAMMA-BHC)	2		.	38.41	UG/KG	.	3.65	1.85
1422	LINDANE (GAMMA-BHC)	2	16831	.	31.42	UG/KG	.	3.45	18.30
1423	LINDANE (GAMMA-BHC)	2	16832	.	26.67	UG/KG	.	3.28	20.40
1424	LINDANE (GAMMA-BHC)	2	16799	.	30.35	UG/KG	.	3.41	14.30
1426	LINDANE (GAMMA-BHC)	2	16868	.	30.00	UG/KG	.	3.40	3.10
1429	LINDANE (GAMMA-BHC)	2		.	25.26	UG/KG	.	3.23	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=LINDANE (GAMMA-BHC) STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	LINDANE (GAMMA-BHC)	2	16823	72.05	.	UG/KG	4.28	.	4.40
1443	LINDANE (GAMMA-BHC)	2	16825	.	28.46	UG/KG	.	3.35	3.90
1447	LINDANE (GAMMA-BHC)	2		.	22.08	UG/KG	.	3.09	3.60
1453	LINDANE (GAMMA-BHC)	2	16888	.	26.24	UG/KG	.	3.27	18.60
1454	LINDANE (GAMMA-BHC)	2	16838	.	22.01	UG/KG	.	3.09	38.30
1454	LINDANE (GAMMA-BHC)	2	16839	.	18.65	UG/KG	.	2.93	20.00
1456	LINDANE (GAMMA-BHC)	2	17021	.	20.00	UG/KG	.	3.00	2.00
1460	LINDANE (GAMMA-BHC)	2	16879	.	22.71	UG/KG	.	3.12	33.20
1463	LINDANE (GAMMA-BHC)	2	16873	.	27.63	UG/KG	.	3.32	3.80
1463	LINDANE (GAMMA-BHC)	2	16874	.	8.71	UG/KG	.	2.16	63.60
1481	LINDANE (GAMMA-BHC)	2	17136	.	29.19	UG/KG	.	3.37	14.80
1482	LINDANE (GAMMA-BHC)	2		.	27.69	UG/KG	.	3.32	19.90
1484	LINDANE (GAMMA-BHC)	2	17024	.	28.19	UG/KG	.	3.34	21.00
1485	LINDANE (GAMMA-BHC)	2	17132	.	22.84	UG/KG	.	3.13	4.64
1485	LINDANE (GAMMA-BHC)	2	17133	.	27.57	UG/KG	.	3.32	15.20
1493	LINDANE (GAMMA-BHC)	2		.	10.20	UG/KG	.	2.32	82.80
1495	LINDANE (GAMMA-BHC)	2	17155	.	18.80	UG/KG	.	2.93	44.30
1499	LINDANE (GAMMA-BHC)	2	17019	.	25.10	UG/KG	.	3.22	4.90
1500	LINDANE (GAMMA-BHC)	2		.	27.25	UG/KG	.	3.31	20.05
1503	LINDANE (GAMMA-BHC)	2	17079	.	26.65	UG/KG	.	3.28	31.90
1510	LINDANE (GAMMA-BHC)	2	17072	.	33.11	UG/KG	.	3.50	10.60
1514	LINDANE (GAMMA-BHC)	2	17085	.	56.18	UG/KG	.	4.03	11.00
1515	LINDANE (GAMMA-BHC)	2		.	9.00	UG/KG	.	2.20	94.30
1520	LINDANE (GAMMA-BHC)	2	16855	.	20.61	UG/KG	.	3.03	41.10
1521	LINDANE (GAMMA-BHC)	2	16860	.	23.33	UG/KG	.	3.15	19.20
1522	LINDANE (GAMMA-BHC)	2	16853	.	24.51	UG/KG	.	3.20	17.50
1523	LINDANE (GAMMA-BHC)	2		.	16.91	UG/KG	.	2.83	50.00
1524	LINDANE (GAMMA-BHC)	2	16854	.	24.75	UG/KG	.	3.21	26.30
1524	LINDANE (GAMMA-BHC)	2	16856	.	24.62	UG/KG	.	3.20	23.60
1529	LINDANE (GAMMA-BHC)	2	17086	.	23.92	UG/KG	.	3.17	13.00
1535	LINDANE (GAMMA-BHC)	2	17088	.	25.36	UG/KG	.	3.23	2.80
1538	LINDANE (GAMMA-BHC)	2	17087	.	11.70	UG/KG	.	2.46	70.50
1540	LINDANE (GAMMA-BHC)	2	17093	.	25.20	UG/KG	.	3.23	24.40
1544	LINDANE (GAMMA-BHC)	2	16803	.	24.63	UG/KG	.	3.20	20.30
1545	LINDANE (GAMMA-BHC)	2	16805	.	26.12	UG/KG	.	3.26	20.60
1554	LINDANE (GAMMA-BHC)	2	17066	.	10.69	UG/KG	.	2.37	77.90
1554	LINDANE (GAMMA-BHC)	2	17071	.	29.86	UG/KG	.	3.40	27.90
1558	LINDANE (GAMMA-BHC)	2	16801	.	25.70	UG/KG	.	3.25	14.90
1564	LINDANE (GAMMA-BHC)	2	17043	.	26.00	UG/KG	.	3.26	25.50
1564	LINDANE (GAMMA-BHC)	2	17049	.	16.78	UG/KG	.	2.82	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=LINDANE (GAMMA-BHC) STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	LINDANE (GAMMA-BHC)	3	16532	.	11.45	UG/KG	.	2.44	5.50
1367	LINDANE (GAMMA-BHC)	3	16533	.	17.85	UG/KG	.	2.88	16.30
1367	LINDANE (GAMMA-BHC)	3	16534	.	9.45	UG/KG	.	2.25	89.60
1370	LINDANE (GAMMA-BHC)	3	16817	.	9.44	UG/KG	.	2.24	14.20
1381	LINDANE (GAMMA-BHC)	3	16819	.	18.53	UG/KG	.	2.92	3.40
1382	LINDANE (GAMMA-BHC)	3	16816	.	11.40	UG/KG	.	2.43	74.50
1384	LINDANE (GAMMA-BHC)	3	16536	.	25.57	UG/KG	.	3.24	33.20
1385	LINDANE (GAMMA-BHC)	3	16886	.	26.51	UG/KG	.	3.28	4.30
1395	LINDANE (GAMMA-BHC)	3	16861	75.65	.	UG/KG	4.33	.	2.30
1395	LINDANE (GAMMA-BHC)	3	16862	.	27.33	UG/KG	.	3.31	19.10
1396	LINDANE (GAMMA-BHC)	3	16830	.	28.44	UG/KG	.	3.35	3.20
1397	LINDANE (GAMMA-BHC)	3	16851	.	30.51	UG/KG	.	3.42	7.80
1402	LINDANE (GAMMA-BHC)	3	16809	.	32.14	UG/KG	.	3.47	1.40
1404	LINDANE (GAMMA-BHC)	3		.	56.69	UG/KG	.	4.04	2.00
1405	LINDANE (GAMMA-BHC)	3	16843	.	24.01	UG/KG	.	3.18	15.20
1405	LINDANE (GAMMA-BHC)	3	16844	.	15.71	UG/KG	.	2.75	53.80
1406	LINDANE (GAMMA-BHC)	3	16841	.	35.00	UG/KG	.	3.56	1.60
1409	LINDANE (GAMMA-BHC)	3		.	60.58	UG/KG	.	4.10	4.55
1411	LINDANE (GAMMA-BHC)	3	16826	.	10.47	UG/KG	.	2.35	80.90
1412	LINDANE (GAMMA-BHC)	3	16829	.	27.14	UG/KG	.	3.30	3.50
1416	LINDANE (GAMMA-BHC)	3		.	23.48	UG/KG	.	3.16	35.80
1425	LINDANE (GAMMA-BHC)	3	16878	.	25.59	UG/KG	.	3.24	19.50
1428	LINDANE (GAMMA-BHC)	3	16869	.	84.00	UG/KG	.	4.43	0.50
1433	LINDANE (GAMMA-BHC)	3	16800	.	9.48	UG/KG	.	2.25	89.30
1434	LINDANE (GAMMA-BHC)	3	16806	.	32.66	UG/KG	.	3.49	17.70
1435	LINDANE (GAMMA-BHC)	3	17016	.	12.87	UG/KG	.	2.56	65.40
1439	LINDANE (GAMMA-BHC)	3	17047	.	31.09	UG/KG	.	3.44	10.10
1440	LINDANE (GAMMA-BHC)	3	17050	.	26.86	UG/KG	.	3.29	19.10
1448	LINDANE (GAMMA-BHC)	3	16745	.	13.12	UG/KG	.	2.57	62.60
1448	LINDANE (GAMMA-BHC)	3	16746	.	2.75	UG/KG	.	1.01	10.90
1449	LINDANE (GAMMA-BHC)	3		.	26.77	UG/KG	.	3.29	2.35
1462	LINDANE (GAMMA-BHC)	3	16849	.	36.25	UG/KG	.	3.59	7.20
1472	LINDANE (GAMMA-BHC)	3		.	26.99	UG/KG	.	3.30	20.45
1474	LINDANE (GAMMA-BHC)	3	17031	.	25.20	UG/KG	.	3.23	15.20
1475	LINDANE (GAMMA-BHC)	3	17028	.	27.13	UG/KG	.	3.30	30.70
1476	LINDANE (GAMMA-BHC)	3		.	27.76	UG/KG	.	3.32	23.50
1479	LINDANE (GAMMA-BHC)	3	17144	.	27.97	UG/KG	.	3.33	30.10
1479	LINDANE (GAMMA-BHC)	3	17150	.	32.95	UG/KG	.	3.50	1.76
1480	LINDANE (GAMMA-BHC)	3	17044	.	28.06	UG/KG	.	3.33	3.60
1486	LINDANE (GAMMA-BHC)	3	17131	.	26.92	UG/KG	.	3.29	2.60
1487	LINDANE (GAMMA-BHC)	3	17023	.	27.79	UG/KG	.	3.32	14.50
1489	LINDANE (GAMMA-BHC)	3	17041	.	13.61	UG/KG	.	2.61	34.10
1490	LINDANE (GAMMA-BHC)	3	17027	.	26.50	UG/KG	.	3.28	2.00
1492	LINDANE (GAMMA-BHC)	3	17010	.	13.99	UG/KG	.	2.64	60.20
1497	LINDANE (GAMMA-BHC)	3	17015	.	263.16	UG/KG	.	5.57	0.19
1498	LINDANE (GAMMA-BHC)	3		.	23.79	UG/KG	.	3.17	4.50
1502	LINDANE (GAMMA-BHC)	3	17073	.	26.55	UG/KG	.	3.28	2.90
1504	LINDANE (GAMMA-BHC)	3	17078	.	38.71	UG/KG	.	3.66	0.93
1505	LINDANE (GAMMA-BHC)	3	17152	.	26.15	UG/KG	.	3.26	26.20
1507	LINDANE (GAMMA-BHC)	3	17154	.	12.51	UG/KG	.	2.53	67.30
1508	LINDANE (GAMMA-BHC)	3	17084	.	128.15	UG/KG	.	4.85	2.70
1511	LINDANE (GAMMA-BHC)	3	17139	.	20.24	UG/KG	.	3.01	41.60
1513	LINDANE (GAMMA-BHC)	3	17083	.	31.01	UG/KG	.	3.43	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=LINDANE (GAMMA-BHC) STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	LINDANE (GAMMA-BHC)	3	17002	.	15.51	UG/KG	.	2.74	53.70
1518	LINDANE (GAMMA-BHC)	3	17003	.	12.90	UG/KG	.	2.56	65.60
1519	LINDANE (GAMMA-BHC)	3	17005	.	27.20	UG/KG	.	3.30	11.80
1525	LINDANE (GAMMA-BHC)	3	17001	.	14.36	UG/KG	.	2.66	59.20
1526	LINDANE (GAMMA-BHC)	3		.	23.92	UG/KG	.	3.17	27.75
1537	LINDANE (GAMMA-BHC)	3	17090	.	27.69	UG/KG	.	3.32	17.30
1541	LINDANE (GAMMA-BHC)	3	17091	.	27.00	UG/KG	.	3.30	5.00
1542	LINDANE (GAMMA-BHC)	3	17089	.	11.07	UG/KG	.	2.40	76.80
1546	LINDANE (GAMMA-BHC)	3	16804	.	25.93	UG/KG	.	3.26	22.60
1547	LINDANE (GAMMA-BHC)	3	17070	.	18.67	UG/KG	.	2.93	45.10
1548	LINDANE (GAMMA-BHC)	3	17067	.	29.45	UG/KG	.	3.38	18.10
1560	LINDANE (GAMMA-BHC)	3	16883	.	11.88	UG/KG	.	2.47	71.40
1561	LINDANE (GAMMA-BHC)	3	16891	.	27.73	UG/KG	.	3.32	2.20
1561	LINDANE (GAMMA-BHC)	3	16892	.	12.08	UG/KG	.	2.49	68.30
1563	LINDANE (GAMMA-BHC)	3	17143	.	41.51	UG/KG	.	3.73	2.65
1566	LINDANE (GAMMA-BHC)	3		.	27.88	UG/KG	.	3.33	1.15

---------- ANALYTE=LINDANE (GAMMA-BHC) STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	LINDANE (GAMMA-BHC)	4	16525	.	8.40	UG/KG	.	2.13	100.00
1363	LINDANE (GAMMA-BHC)	4	16526	.	35.00	UG/KG	.	3.56	0.80
1388	LINDANE (GAMMA-BHC)	4	16815	.	1.95	UG/KG	.	0.67	25.60
1389	LINDANE (GAMMA-BHC)	4	16835	.	20.98	UG/KG	.	3.04	34.80
1401	LINDANE (GAMMA-BHC)	4	16802	.	43.00	UG/KG	.	3.76	1.00
1407	LINDANE (GAMMA-BHC)	4	16842	.	22.57	UG/KG	.	3.12	37.40
1408	LINDANE (GAMMA-BHC)	4	16540	.	4.04	UG/KG	.	1.40	15.10
1414	LINDANE (GAMMA-BHC)	4	16744	.	31.05	UG/KG	.	3.44	1.90
1415	LINDANE (GAMMA-BHC)	4	16750	.	56.00	UG/KG	.	4.03	0.50
1417	LINDANE (GAMMA-BHC)	4	16742	.	18.67	UG/KG	.	2.93	1.50
1420	LINDANE (GAMMA-BHC)	4	16864	.	26.36	UG/KG	.	3.27	10.70
1427	LINDANE (GAMMA-BHC)	4	16867	.	15.74	UG/KG	.	2.76	52.80
1430	LINDANE (GAMMA-BHC)	4	16537	.	12.79	UG/KG	.	2.55	66.00
1431	LINDANE (GAMMA-BHC)	4	16538	.	23.45	UG/KG	.	3.15	20.30
1432	LINDANE (GAMMA-BHC)	4	16539	.	20.05	UG/KG	.	3.00	42.00
1441	LINDANE (GAMMA-BHC)	4	16798	.	23.21	UG/KG	.	3.14	2.80
1442	LINDANE (GAMMA-BHC)	4	16797	.	13.02	UG/KG	.	2.57	64.00
1445	LINDANE (GAMMA-BHC)	4	16871	.	44.12	UG/KG	.	3.79	1.70
1455	LINDANE (GAMMA-BHC)	4	16837	.	18.91	UG/KG	.	2.94	44.80
1459	LINDANE (GAMMA-BHC)	4	16747	.	42.50	UG/KG	.	3.75	0.80
1461	LINDANE (GAMMA-BHC)	4	16852	.	217.39	UG/KG	.	5.38	0.23
1464	LINDANE (GAMMA-BHC)	4	16876	.	41.41	UG/KG	.	3.72	19.10
1465	LINDANE (GAMMA-BHC)	4	16877	.	18.96	UG/KG	.	2.94	4.80
1466	LINDANE (GAMMA-BHC)	4	17026	.	29.57	UG/KG	.	3.39	2.30
1467	LINDANE (GAMMA-BHC)	4	17030	.	52.50	UG/KG	.	3.96	1.20
1468	LINDANE (GAMMA-BHC)	4	17151	.	21.09	UG/KG	.	3.05	39.50
1470	LINDANE (GAMMA-BHC)	4	16880	.	25.00	UG/KG	.	3.22	1.20
1478	LINDANE (GAMMA-BHC)	4	17060	.	14.12	UG/KG	.	2.65	3.40
1488	LINDANE (GAMMA-BHC)	4	17029	.	13.62	UG/KG	.	2.61	62.40
1491	LINDANE (GAMMA-BHC)	4	17011	.	104.17	UG/KG	.	4.65	0.48
1496	LINDANE (GAMMA-BHC)	4	17075	.	23.60	UG/KG	.	3.16	2.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=LINDANE (GAMMA-BHC) STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1501	LINDANE (GAMMA-BHC)	4	17074	.	24.15	UG/KG	.	3.18	9.40
1506	LINDANE (GAMMA-BHC)	4	17153	.	20.99	UG/KG	.	3.04	37.50
1509	LINDANE (GAMMA-BHC)	4	17042	.	17.86	UG/KG	.	2.88	47.60
1512	LINDANE (GAMMA-BHC)	4	17138	.	31.96	UG/KG	.	3.46	14.30
1516	LINDANE (GAMMA-BHC)	4	17004	.	34.00	UG/KG	.	3.53	1.00
1527	LINDANE (GAMMA-BHC)	4	17040	.	10.92	UG/KG	.	2.39	72.70
1532	LINDANE (GAMMA-BHC)	4	17007	.	20.07	UG/KG	.	3.00	41.90
1539	LINDANE (GAMMA-BHC)	4		.	26.80	UG/KG	.	3.29	1.07
1549	LINDANE (GAMMA-BHC)	4	17048	.	24.92	UG/KG	.	3.22	6.30
1551	LINDANE (GAMMA-BHC)	4		.	54.17	UG/KG	.	3.99	0.60
1555	LINDANE (GAMMA-BHC)	4	17035	.	30.98	UG/KG	.	3.43	5.10

ANALYTE=MERCURY STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	MERCURY	1	16821	4.70	.	MG/KG	1.55	.	11.90
1391	MERCURY	1	16885	1.50	.	MG/KG	0.41	.	21.80
1419	MERCURY	1	16739	2.50	.	MG/KG	0.92	.	44.00
1436	MERCURY	1	17036	2.20	.	MG/KG	0.79	.	38.20
1436	MERCURY	1	17145	1.30	.	MG/KG	0.26	.	39.90
1436	MERCURY	1	17149	1.50	.	MG/KG	0.41	.	40.90
1437	MERCURY	1	17033	2.90	.	MG/KG	1.06	.	16.30
1438	MERCURY	1	17034	2.10	.	MG/KG	0.74	.	19.10
1451	MERCURY	1	16887	.	7.30	MG/KG	.	1.99	1.10
1452	MERCURY	1	16889	2.30	.	MG/KG	0.83	.	61.80
1452	MERCURY	1	16890	2.40	.	MG/KG	0.88	.	63.40
1469	MERCURY	1		1.55	.	MG/KG	0.44	.	23.90
1471	MERCURY	1	17046	1.10	.	MG/KG	0.10	.	25.30
1471	MERCURY	1	17052	2.00	.	MG/KG	0.69	.	20.90
1530	MERCURY	1	17020	1.30	.	MG/KG	0.26	.	32.60
1530	MERCURY	1	17038	2.50	.	MG/KG	0.92	.	9.30
1533	MERCURY	1	17022	.	3.80	MG/KG	.	1.34	2.10
1534	MERCURY	1	17081	0.60	.	MG/KG	-0.51	.	75.00
1543	MERCURY	1	17065	0.90	.	MG/KG	-0.11	.	15.00
1543	MERCURY	1	17130	1.10	.	MG/KG	0.10	.	50.50
1543	MERCURY	1	17141	2.00	.	MG/KG	0.69	.	18.10
1550	MERCURY	1		1.05	.	MG/KG	0.05	.	10.40
1552	MERCURY	1		5.00	.	MG/KG	1.61	.	3.80
1553	MERCURY	1	16884	7.00	.	MG/KG	1.95	.	2.00
1556	MERCURY	1	16896	.	4.40	MG/KG	.	1.48	1.80
1559	MERCURY	1		5.60	.	MG/KG	1.72	.	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=MERCURY STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	MERCURY	2	16527	2.00	.	MG/KG	0.69	.	19.20
1365	MERCURY	2	16528	5.00	.	MG/KG	1.61	.	3.00
1366	MERCURY	2	16814	0.90	.	MG/KG	-0.11	.	25.00
1369	MERCURY	2	16818	3.40	.	MG/KG	1.22	.	17.80
1380	MERCURY	2		2.65	.	MG/KG	0.97	.	30.55
1390	MERCURY	2	16834	1.20	.	MG/KG	0.18	.	32.20
1392	MERCURY	2		0.95	.	MG/KG	-0.05	.	21.55
1393	MERCURY	2	16529	.	1.60	MG/KG	.	0.47	5.10
1399	MERCURY	2		.	1.95	MG/KG	.	0.67	4.15
1400	MERCURY	2	16810	9.10	.	MG/KG	2.21	.	2.30
1403	MERCURY	2	16811	12.00	.	MG/KG	2.48	.	71.70
1410	MERCURY	2	16833	2.00	.	MG/KG	0.69	.	30.80
1413	MERCURY	2	17025	.	2.90	MG/KG	.	1.06	2.80
1413	MERCURY	2	17061	2.20	.	MG/KG	0.79	.	18.10
1418	MERCURY	2	16743	2.70	.	MG/KG	0.99	.	3.70
1421	MERCURY	2		5.60	4.20	MG/KG	1.72	1.44	1.85
1422	MERCURY	2	16831	2.20	.	MG/KG	0.79	.	18.30
1423	MERCURY	2	16832	2.00	.	MG/KG	0.69	.	20.40
1424	MERCURY	2	16799	2.20	.	MG/KG	0.79	.	14.30
1426	MERCURY	2	16868	.	2.60	MG/KG	.	0.96	3.10
1429	MERCURY	2		1.65	.	MG/KG	0.50	.	17.05
1443	MERCURY	2	16823	.	1.80	MG/KG	.	0.59	4.40
1443	MERCURY	2	16825	.	2.10	MG/KG	.	0.74	3.90
1447	MERCURY	2		.	2.20	MG/KG	.	0.79	3.60
1453	MERCURY	2	16888	2.20	.	MG/KG	0.79	.	18.60
1454	MERCURY	2	16838	2.20	.	MG/KG	0.79	.	38.30
1454	MERCURY	2	16839	2.50	.	MG/KG	0.92	.	20.00
1456	MERCURY	2	17021	11.30	.	MG/KG	2.42	.	2.00
1460	MERCURY	2	16879	3.60	.	MG/KG	1.28	.	33.20
1463	MERCURY	2	16873	.	2.10	MG/KG	.	0.74	3.80
1463	MERCURY	2	16874	0.20	.	MG/KG	-1.61	.	63.60
1481	MERCURY	2	17136	2.00	.	MG/KG	0.69	.	14.80
1482	MERCURY	2		1.20	.	MG/KG	0.18	.	19.90
1484	MERCURY	2	17024	1.50	.	MG/KG	0.41	.	21.00
1485	MERCURY	2	17132	1.90	.	MG/KG	0.64	.	4.64
1485	MERCURY	2	17133	2.10	.	MG/KG	0.74	.	15.20
1493	MERCURY	2		5.55	.	MG/KG	1.71	.	82.80
1495	MERCURY	2	17155	1.60	.	MG/KG	0.47	.	44.30
1499	MERCURY	2	17019	3.70	.	MG/KG	1.31	.	4.90
1500	MERCURY	2		5.05	.	MG/KG	1.62	.	20.05
1503	MERCURY	2	17079	0.60	.	MG/KG	-0.51	.	31.90
1510	MERCURY	2	17072	1.60	.	MG/KG	0.47	.	10.60
1514	MERCURY	2	17085	0.70	.	MG/KG	-0.36	.	11.00
1515	MERCURY	2		1.65	.	MG/KG	0.50	.	94.30
1520	MERCURY	2	16855	2.10	.	MG/KG	0.74	.	41.10
1521	MERCURY	2	16860	14.10	.	MG/KG	2.65	.	19.20
1522	MERCURY	2	16853	5.30	.	MG/KG	1.67	.	17.50
1523	MERCURY	2		1.55	.	MG/KG	0.44	.	50.00
1524	MERCURY	2	16854	2.50	.	MG/KG	0.92	.	26.30
1524	MERCURY	2	16856	3.90	.	MG/KG	1.36	.	23.60
1529	MERCURY	2	17086	2.20	.	MG/KG	0.79	.	13.00
1535	MERCURY	2	17088		2.80	MG/KG		1.03	2.80
1538	MERCURY	2	17087	4.70	.	MG/KG	1.55	.	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=MERCURY STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	MERCURY	2	17093	5.50	.	MG/KG	1.70	.	24.40
1544	MERCURY	2	16803	2.40	.	MG/KG	0.88	.	20.30
1545	MERCURY	2	16805	1.70	.	MG/KG	0.53	.	20.60
1554	MERCURY	2	17066	1.00	.	MG/KG	0.00	.	77.90
1554	MERCURY	2	17071	1.30	.	MG/KG	0.26	.	27.90
1558	MERCURY	2	16801	4.90	.	MG/KG	1.59	.	14.90
1564	MERCURY	2	17043	2.90	.	MG/KG	1.06	.	25.50
1564	MERCURY	2	17049	2.90	.	MG/KG	1.06	.	48.70

ANALYTE=MERCURY STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	MERCURY	3	16532	3.30	.	MG/KG	1.19	.	5.50
1367	MERCURY	3	16533	17.20	.	MG/KG	2.84	.	16.30
1367	MERCURY	3	16534	3.10	.	MG/KG	1.13	.	89.60
1370	MERCURY	3	16817	5.80	.	MG/KG	1.76	.	14.20
1381	MERCURY	3	16819	4.70	.	MG/KG	1.55	.	3.40
1382	MERCURY	3	16816	1.40	.	MG/KG	0.34	.	74.50
1384	MERCURY	3	16536	2.00	.	MG/KG	0.69	.	33.20
1385	MERCURY	3	16886	5.30	.	MG/KG	1.67	.	4.30
1395	MERCURY	3	16861	.	3.50	MG/KG	.	1.25	2.30
1395	MERCURY	3	16862	1.20	.	MG/KG	0.18	.	19.10
1396	MERCURY	3	16830	2.50	.	MG/KG	0.92	.	3.20
1397	MERCURY	3	16851	6.30	.	MG/KG	1.84	.	7.80
1402	MERCURY	3	16809	.	5.70	MG/KG	.	1.74	1.40
1404	MERCURY	3		17.60	.	MG/KG	2.87	.	2.00
1405	MERCURY	3	16843	2.10	.	MG/KG	0.74	.	15.20
1405	MERCURY	3	16844	1.40	.	MG/KG	0.34	.	53.80
1406	MERCURY	3	16841	6.20	.	MG/KG	1.82	.	1.60
1409	MERCURY	3		3.40	.	MG/KG	1.22	.	4.55
1411	MERCURY	3	16826	1.60	.	MG/KG	0.47	.	80.90
1412	MERCURY	3	16829	.	2.30	MG/KG	.	0.83	3.50
1416	MERCURY	3		2.40	.	MG/KG	0.88	.	35.80
1425	MERCURY	3	16878	6.20	.	MG/KG	1.82	.	19.50
1428	MERCURY	3	16869	.	16.00	MG/KG	.	2.77	0.50
1433	MERCURY	3	16800	1.10	.	MG/KG	0.10	.	89.30
1434	MERCURY	3	16806	1.80	.	MG/KG	0.59	.	17.70
1435	MERCURY	3	17016	18.00	.	MG/KG	2.89	.	65.40
1439	MERCURY	3	17047	3.20	.	MG/KG	1.16	.	10.10
1440	MERCURY	3	17050	2.10	.	MG/KG	0.74	.	19.10
1448	MERCURY	3	16745	1.50	.	MG/KG	0.41	.	62.60
1448	MERCURY	3	16746	.	0.70	MG/KG	.	-0.36	10.90
1449	MERCURY	3		4.67	.	MG/KG	1.54	.	2.35
1462	MERCURY	3	16849	3.50	.	MG/KG	1.25	.	7.20
1472	MERCURY	3		3.50	.	MG/KG	1.25	.	20.45
1474	MERCURY	3	17031	3.20	.	MG/KG	1.16	.	15.20
1475	MERCURY	3	17028	2.00	.	MG/KG	0.69	.	30.70
1476	MERCURY	3		1.80	.	MG/KG	0.59	.	23.50
1479	MERCURY	3	17144	0.80	.	MG/KG	-0.22	.	30.10
1479	MERCURY	3	17150	.	4.50	MG/KG	.	1.50	1.76
1480	MERCURY	3	17044	8.60	.	MG/KG	2.15	.	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=MERCURY STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	MERCURY	3	17131	8.30	.	MG/KG	2.12	.	2.60
1487	MERCURY	3	17023	16.00	.	MG/KG	2.77	.	14.50
1489	MERCURY	3	17041	1.10	.	MG/KG	0.10	.	34.10
1490	MERCURY	3	17027	.	4.00	MG/KG	.	1.39	2.00
1492	MERCURY	3	17010	4.50	.	MG/KG	1.50	.	60.20
1497	MERCURY	3	17015	.	42.00	MG/KG	.	3.74	0.19
1498	MERCURY	3		2.10	1.90	MG/KG	0.74	0.64	4.50
1502	MERCURY	3	17073	.	2.80	MG/KG	.	1.03	2.90
1504	MERCURY	3	17078	.	8.60	MG/KG	.	2.15	0.93
1505	MERCURY	3	17152	5.20	.	MG/KG	1.65	.	26.20
1507	MERCURY	3	17154	2.20	.	MG/KG	0.79	.	67.30
1508	MERCURY	3	17084	3.00	.	MG/KG	1.10	.	2.70
1511	MERCURY	3	17139	1.90	.	MG/KG	0.64	.	41.60
1513	MERCURY	3	17083	.	6.20	MG/KG	.	1.82	1.29
1517	MERCURY	3	17002	4.50	.	MG/KG	1.50	.	53.70
1518	MERCURY	3	17003	3.80	.	MG/KG	1.34	.	65.60
1519	MERCURY	3	17005	7.50	.	MG/KG	2.01	.	11.80
1525	MERCURY	3	17001	6.20	.	MG/KG	1.82	.	59.20
1526	MERCURY	3		5.95	.	MG/KG	1.78	.	27.75
1537	MERCURY	3	17090	0.80	.	MG/KG	-0.22	.	17.30
1541	MERCURY	3	17091	1.70	.	MG/KG	0.53	.	5.00
1542	MERCURY	3	17089	4.30	.	MG/KG	1.46	.	76.80
1546	MERCURY	3	16804	3.70	.	MG/KG	1.31	.	22.60
1547	MERCURY	3	17070	4.10	.	MG/KG	1.41	.	45.10
1548	MERCURY	3	17067	2.30	.	MG/KG	0.83	.	18.10
1560	MERCURY	3	16883	4.30	.	MG/KG	1.46	.	71.40
1561	MERCURY	3	16891	.	3.60	MG/KG	.	1.28	2.20
1561	MERCURY	3	16892	1.10	.	MG/KG	0.10	.	68.30
1563	MERCURY	3	17143	.	3.00	MG/KG	.	1.10	2.65
1565	MERCURY	3	17057	.	10.60	MG/KG	.	2.36	0.75
1566	MERCURY	3		.	7.00	MG/KG	.	1.95	1.15

ANALYTE=MERCURY STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	MERCURY	4	16525	0.40	.	MG/KG	-0.92	.	100.00
1363	MERCURY	4	16526	.	10.00	MG/KG	.	2.30	0.80
1388	MERCURY	4	16815	.	0.30	MG/KG	.	-1.20	25.60
1389	MERCURY	4	16835	4.00	.	MG/KG	1.39	.	34.80
1401	MERCURY	4	16802	.	8.00	MG/KG	.	2.08	1.00
1407	MERCURY	4	16842	1.30	.	MG/KG	0.26	.	37.40
1408	MERCURY	4	16540	0.60	.	MG/KG	-0.51	.	15.10
1414	MERCURY	4	16744	.	4.20	MG/KG	.	1.44	1.90
1415	MERCURY	4	16750	.	16.00	MG/KG	.	2.77	0.50
1417	MERCURY	4	16742	.	5.30	MG/KG	.	1.67	1.50
1420	MERCURY	4	16864	6.40	.	MG/KG	1.86	.	10.70
1427	MERCURY	4	16867	.	0.10	MG/KG	.	-2.30	52.80
1430	MERCURY	4	16537	1.80	.	MG/KG	0.59	.	66.00
1431	MERCURY	4	16538	4.20	.	MG/KG	1.44	.	20.30
1432	MERCURY	4	16539	4.00	.	MG/KG	1.39	.	42.00
1441	MERCURY	4	16798	42.90	.	MG/KG	3.76	.	2.80

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=MERCURY STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1442	MERCURY	4	16797	.	0.10	MG/KG	.	-2.30	64.00
1445	MERCURY	4	16871	.	4.70	MG/KG	.	1.55	1.70
1455	MERCURY	4	16837	5.40	.	MG/KG	1.69	.	44.80
1459	MERCURY	4	16747	.	10.00	MG/KG	.	2.30	0.80
1461	MERCURY	4	16852	.	8.70	MG/KG	.	2.16	0.23
1464	MERCURY	4	16876	4.70	.	MG/KG	1.55	.	19.10
1465	MERCURY	4	16877	.	1.70	MG/KG	.	0.53	4.80
1466	MERCURY	4	17026	.	3.50	MG/KG	.	1.25	2.30
1467	MERCURY	4	17030	.	6.70	MG/KG	.	1.90	1.20
1468	MERCURY	4	17151	5.70	.	MG/KG	1.74	.	39.50
1470	MERCURY	4	16880	.	6.70	MG/KG	.	1.90	1.20
1478	MERCURY	4	17060	2.90	.	MG/KG	1.06	.	3.40
1488	MERCURY	4	17029	2.40	.	MG/KG	0.88	.	62.40
1491	MERCURY	4	17011	.	17.00	MG/KG	.	2.83	0.48
1496	MERCURY	4	17075	5.60	.	MG/KG	1.72	.	2.50
1501	MERCURY	4	17074	4.60	.	MG/KG	1.53	.	9.40
1506	MERCURY	4	17153	1.20	.	MG/KG	0.18	.	37.50
1509	MERCURY	4	17042	1.70	.	MG/KG	0.53	.	47.60
1512	MERCURY	4	17138	1.90	.	MG/KG	0.64	.	14.30
1516	MERCURY	4	17004	.	8.00	MG/KG	.	2.08	1.00
1527	MERCURY	4	17040	1.70	.	MG/KG	0.53	.	72.70
1532	MERCURY	4	17007	2.30	.	MG/KG	0.83	.	41.90
1539	MERCURY	4		13.00	8.30	MG/KG	2.56	2.12	1.07
1549	MERCURY	4	17048	3.70	.	MG/KG	1.31	.	6.30
1551	MERCURY	4		.	13.90	MG/KG	.	2.63	0.60
1555	MERCURY	4	17035	47.00	.	MG/KG	3.85	.	5.10

ANALYTE=MOLYBDENUM STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	MOLYBDENUM	1	16821	.	8.40	MG/KG	.	2.13	11.90
1391	MOLYBDENUM	1	16885	8.30	.	MG/KG	2.12	.	21.80
1419	MOLYBDENUM	1	16739	11.20	.	MG/KG	2.42	.	44.00
1436	MOLYBDENUM	1	17036	6.60	.	MG/KG	1.89	.	38.20
1436	MOLYBDENUM	1	17145	3.50	.	MG/KG	1.25	.	39.90
1436	MOLYBDENUM	1	17149	5.10	.	MG/KG	1.63	.	40.90
1437	MOLYBDENUM	1	17033	9.80	.	MG/KG	2.28	.	16.30
1438	MOLYBDENUM	1	17034	7.60	.	MG/KG	2.03	.	19.10
1451	MOLYBDENUM	1	16887	.	18.20	MG/KG	.	2.90	1.10
1452	MOLYBDENUM	1	16889	13.10	.	MG/KG	2.57	.	61.80
1452	MOLYBDENUM	1	16890	11.90	.	MG/KG	2.48	.	63.40
1469	MOLYBDENUM	1		25.15	.	MG/KG	3.22	.	23.90
1471	MOLYBDENUM	1	17046	.	3.90	MG/KG	.	1.36	25.30
1471	MOLYBDENUM	1	17052	4.10	.	MG/KG	1.41	.	20.90
1530	MOLYBDENUM	1	17020	.	3.10	MG/KG	.	1.13	32.60
1530	MOLYBDENUM	1	17038	5.70	.	MG/KG	1.74	.	9.30
1533	MOLYBDENUM	1	17022	.	11.90	MG/KG	.	2.48	2.10
1534	MOLYBDENUM	1	17081	2.00	.	MG/KG	0.69	.	75.00
1543	MOLYBDENUM	1	17065	7.30	.	MG/KG	1.99	.	15.00
1543	MOLYBDENUM	1	17130	3.80	.	MG/KG	1.34	.	50.50
1543	MOLYBDENUM	1	17141	8.80	.	MG/KG	2.17	.	18.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=MOLYBDENUM STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1550	MOLYBDENUM	1		20.20	.	MG/KG	3.01	.	10.40
1552	MOLYBDENUM	1		.	13.20	MG/KG	.	2.58	3.80
1553	MOLYBDENUM	1	16884	.	25.10	MG/KG	.	3.22	2.00
1556	MOLYBDENUM	1	16896	.	27.80	MG/KG	.	3.33	1.80
1559	MOLYBDENUM	1		8.65	.	MG/KG	2.16	.	8.45

ANALYTE=MOLYBDENUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	MOLYBDENUM	2	16527	.	5.10	MG/KG	.	1.63	19.20
1365	MOLYBDENUM	2	16528	14.60	.	MG/KG	2.68	.	3.00
1366	MOLYBDENUM	2	16814	5.50	.	MG/KG	1.70	.	25.00
1369	MOLYBDENUM	2	16818	.	5.60	MG/KG	.	1.72	17.80
1380	MOLYBDENUM	2		10.00	.	MG/KG	2.30	.	30.55
1390	MOLYBDENUM	2	16834	4.30	.	MG/KG	1.46	.	32.20
1392	MOLYBDENUM	2		18.15	.	MG/KG	2.90	.	21.55
1393	MOLYBDENUM	2	16529	5.90	.	MG/KG	1.77	.	5.10
1399	MOLYBDENUM	2		.	4.85	MG/KG	.	1.58	4.15
1400	MOLYBDENUM	2	16810	.	8.60	MG/KG	.	2.15	2.30
1403	MOLYBDENUM	2	16811	48.30	.	MG/KG	3.88	.	71.70
1410	MOLYBDENUM	2	16833	5.20	.	MG/KG	1.65	.	30.80
1413	MOLYBDENUM	2	17025	16.70	.	MG/KG	2.82	.	2.80
1413	MOLYBDENUM	2	17061	8.90	.	MG/KG	2.19	.	18.10
1418	MOLYBDENUM	2	16743	37.30	.	MG/KG	3.62	.	3.70
1421	MOLYBDENUM	2		.	10.80	MG/KG	.	2.38	1.85
1422	MOLYBDENUM	2	16831	.	2.70	MG/KG	.	0.99	18.30
1423	MOLYBDENUM	2	16832	2.70	.	MG/KG	0.99	.	20.40
1424	MOLYBDENUM	2	16799	.	3.50	MG/KG	.	1.25	14.30
1426	MOLYBDENUM	2	16868	.	6.50	MG/KG	.	1.87	3.10
1429	MOLYBDENUM	2		.	2.95	MG/KG	.	1.08	17.05
1443	MOLYBDENUM	2	16823	.	5.10	MG/KG	.	1.63	4.40
1443	MOLYBDENUM	2	16825	9.50	.	MG/KG	2.25	.	3.90
1447	MOLYBDENUM	2		13.00	9.20	MG/KG	2.56	2.22	3.60
1453	MOLYBDENUM	2	16888	5.90	.	MG/KG	1.77	.	18.60
1454	MOLYBDENUM	2	16838	28.30	.	MG/KG	3.34	.	38.30
1454	MOLYBDENUM	2	16839	11.50	.	MG/KG	2.44	.	20.00
1456	MOLYBDENUM	2	17021	17.00	.	MG/KG	2.83	.	2.00
1460	MOLYBDENUM	2	16879	50.70	.	MG/KG	3.93	.	33.20
1463	MOLYBDENUM	2	16873	27.70	.	MG/KG	3.32	.	3.80
1463	MOLYBDENUM	2	16874	10.70	.	MG/KG	2.37	.	63.60
1481	MOLYBDENUM	2	17136	7.50	.	MG/KG	2.01	.	14.80
1482	MOLYBDENUM	2		3.00	2.50	MG/KG	1.10	0.92	19.90
1484	MOLYBDENUM	2	17024	5.20	.	MG/KG	1.65	.	21.00
1485	MOLYBDENUM	2	17132	.	5.40	MG/KG	.	1.69	4.64
1485	MOLYBDENUM	2	17133	7.20	.	MG/KG	1.97	.	15.20
1493	MOLYBDENUM	2		10.40	10.00	MG/KG	2.34	2.30	82.80
1495	MOLYBDENUM	2	17155	2.90	.	MG/KG	1.06	.	44.30
1499	MOLYBDENUM	2	17019	18.40	.	MG/KG	2.91	.	4.90
1500	MOLYBDENUM	2		20.10	.	MG/KG	3.00	.	20.05
1503	MOLYBDENUM	2	17079	4.40	.	MG/KG	1.48	.	31.90
1510	MOLYBDENUM	2	17072	8.50	.	MG/KG	2.14	.	10.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=MOLYBDENUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1514	MOLYBDENUM	2	17085	5.40	.	MG/KG	1.69	.	11.00
1515	MOLYBDENUM	2		13.80	.	MG/KG	2.62	.	94.30
1520	MOLYBDENUM	2	16855	3.90	.	MG/KG	1.36	.	41.10
1521	MOLYBDENUM	2	16860	20.40	.	MG/KG	3.02	.	19.20
1522	MOLYBDENUM	2	16853	.	2.90	MG/KG	.	1.06	17.50
1523	MOLYBDENUM	2		.	2.00	MG/KG	.	0.69	50.00
1524	MOLYBDENUM	2	16854	17.60	.	MG/KG	2.87	.	26.30
1524	MOLYBDENUM	2	16856	13.60	.	MG/KG	2.61	.	23.60
1529	MOLYBDENUM	2	17086	16.40	.	MG/KG	2.80	.	13.00
1535	MOLYBDENUM	2	17088	44.00	.	MG/KG	3.78	.	2.80
1538	MOLYBDENUM	2	17087	16.20	.	MG/KG	2.79	.	70.50
1540	MOLYBDENUM	2	17093	9.80	.	MG/KG	2.28	.	24.40
1544	MOLYBDENUM	2	16803	31.30	.	MG/KG	3.44	.	20.30
1545	MOLYBDENUM	2	16805	16.20	.	MG/KG	2.79	.	20.60
1554	MOLYBDENUM	2	17066	4.40	.	MG/KG	1.48	.	77.90
1554	MOLYBDENUM	2	17071	.	1.80	MG/KG	.	0.59	27.90
1558	MOLYBDENUM	2	16801	37.00	.	MG/KG	3.61	.	14.90
1564	MOLYBDENUM	2	17043	9.00	.	MG/KG	2.20	.	25.50
1564	MOLYBDENUM	2	17049	9.60	.	MG/KG	2.26	.	48.70

ANALYTE=MOLYBDENUM STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	MOLYBDENUM	3	16532	6.40	.	MG/KG	1.86	.	5.50
1367	MOLYBDENUM	3	16533	11.00	.	MG/KG	2.40	.	16.30
1367	MOLYBDENUM	3	16534	9.70	.	MG/KG	2.27	.	89.60
1370	MOLYBDENUM	3	16817	6.60	.	MG/KG	1.89	.	14.20
1381	MOLYBDENUM	3	16819	24.70	.	MG/KG	3.21	.	3.40
1382	MOLYBDENUM	3	16816	2.00	.	MG/KG	0.69	.	74.50
1384	MOLYBDENUM	3	16536	5.70	.	MG/KG	1.74	.	33.20
1385	MOLYBDENUM	3	16886	.	11.60	MG/KG	.	2.45	4.30
1395	MOLYBDENUM	3	16861	.	8.70	MG/KG	.	2.16	2.30
1395	MOLYBDENUM	3	16862	17.80	.	MG/KG	2.88	.	19.10
1396	MOLYBDENUM	3	16830	30.60	.	MG/KG	3.42	.	3.20
1397	MOLYBDENUM	3	16851	12.80	.	MG/KG	2.55	.	7.80
1402	MOLYBDENUM	3	16809	.	14.30	MG/KG	.	2.66	1.40
1404	MOLYBDENUM	3		.	17.10	MG/KG	.	2.84	2.00
1405	MOLYBDENUM	3	16843	10.40	.	MG/KG	2.34	.	15.20
1405	MOLYBDENUM	3	16844	10.90	.	MG/KG	2.39	.	53.80
1406	MOLYBDENUM	3	16841	.	12.50	MG/KG	.	2.53	1.60
1409	MOLYBDENUM	3		.	10.85	MG/KG	.	2.38	4.55
1411	MOLYBDENUM	3	16826	3.30	.	MG/KG	1.19	.	80.90
1412	MOLYBDENUM	3	16829	8.00	.	MG/KG	2.08	.	3.50
1416	MOLYBDENUM	3		.	2.80	MG/KG	.	1.03	35.80
1425	MOLYBDENUM	3	16878	7.70	.	MG/KG	2.04	.	19.50
1428	MOLYBDENUM	3	16869	.	40.00	MG/KG	.	3.69	0.50
1433	MOLYBDENUM	3	16800	5.20	.	MG/KG	1.65	.	89.30
1434	MOLYBDENUM	3	16806	12.60	.	MG/KG	2.53	.	17.70
1435	MOLYBDENUM	3	17016	6.90	.	MG/KG	1.93	.	65.40
1439	MOLYBDENUM	3	17047	.	4.90	MG/KG	.	1.59	10.10
1440	MOLYBDENUM	3	17050	3.90	.	MG/KG	1.36	.	19.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=MOLYBDENUM STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	MOLYBDENUM	3	16745	7.20	.	MG/KG	1.97	.	62.60
1448	MOLYBDENUM	3	16746	.	1.80	MG/KG	.	0.59	10.90
1449	MOLYBDENUM	3		9.00	8.90	MG/KG	2.20	2.19	2.35
1462	MOLYBDENUM	3	16849	44.40	.	MG/KG	3.79	.	7.20
1472	MOLYBDENUM	3		5.45	.	MG/KG	1.70	.	20.45
1474	MOLYBDENUM	3	17031	8.20	.	MG/KG	2.10	.	15.20
1475	MOLYBDENUM	3	17028	6.20	.	MG/KG	1.82	.	30.70
1476	MOLYBDENUM	3		10.45	.	MG/KG	2.35	.	23.50
1479	MOLYBDENUM	3	17144	6.60	.	MG/KG	1.89	.	30.10
1479	MOLYBDENUM	3	17150	.	11.30	MG/KG	.	2.42	1.76
1480	MOLYBDENUM	3	17044	67.90	.	MG/KG	4.22	.	3.60
1486	MOLYBDENUM	3	17131	.	7.70	MG/KG	.	2.04	2.60
1487	MOLYBDENUM	3	17023	7.60	.	MG/KG	2.03	.	14.50
1489	MOLYBDENUM	3	17041	3.10	.	MG/KG	1.13	.	34.10
1490	MOLYBDENUM	3	17027	.	12.50	MG/KG	.	2.53	2.00
1492	MOLYBDENUM	3	17010	8.30	.	MG/KG	2.12	.	60.20
1497	MOLYBDENUM	3	17015	.	105.00	MG/KG	.	4.65	0.19
1498	MOLYBDENUM	3		.	7.40	MG/KG	.	2.00	4.50
1502	MOLYBDENUM	3	17073	.	11.50	MG/KG	.	2.44	2.90
1504	MOLYBDENUM	3	17078	.	21.50	MG/KG	.	3.07	0.93
1505	MOLYBDENUM	3	17152	11.80	.	MG/KG	2.47	.	26.20
1507	MOLYBDENUM	3	17154	2.50	.	MG/KG	0.92	.	67.30
1508	MOLYBDENUM	3	17084	.	9.30	MG/KG	.	2.23	2.70
1511	MOLYBDENUM	3	17139	29.20	.	MG/KG	3.37	.	41.60
1513	MOLYBDENUM	3	17083	.	15.40	MG/KG	.	2.73	1.29
1517	MOLYBDENUM	3	17002	28.30	.	MG/KG	3.34	.	53.70
1518	MOLYBDENUM	3	17003	42.40	.	MG/KG	3.75	.	65.60
1519	MOLYBDENUM	3	17005	54.80	.	MG/KG	4.00	.	11.80
1525	MOLYBDENUM	3	17001	5.10	.	MG/KG	1.63	.	59.20
1526	MOLYBDENUM	3		3.55	.	MG/KG	1.27	.	27.75
1537	MOLYBDENUM	3	17090	3.80	.	MG/KG	1.34	.	17.30
1541	MOLYBDENUM	3	17091	.	4.00	MG/KG	.	1.39	5.00
1542	MOLYBDENUM	3	17089	11.40	.	MG/KG	2.43	.	76.80
[illegible]546	MOLYBDENUM	3	16804	14.00	.	MG/KG	2.64	.	22.60
	MOLYBDENUM	3	17070	5.10	.	MG/KG	1.63	.	45.10
	[illegible]YBDENUM	3	17067	4.40	.	MG/KG	1.48	.	18.10
	[illegible]ENUM	3	16883	10.30	.	MG/KG	2.33	.	71.40
		3	16891	.	9.10	MG/KG	.	2.21	2.20
		3	16892	4.50	.	MG/KG	1.50	.	68.30
		3	17143	.	12.60	MG/KG	.	2.53	2.65
		3	17057	.	26.70	MG/KG	.	3.28	0.75
		3		.	36.15	MG/KG	.	3.59	1.15

EPISODE ANALYTE
NSSS POLLUTANT CONCENTRATIONS
DATA LISTING

THE 28 POLLUTANTS OF CONCERN

--- ANALYTE=MOLYBDENUM STRATUM=4 ---

		STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
[illegible]	MOLYBDENUM	4	16525	9.20	.	MG/KG	2.22	.	100.00
1363	MOLYBDENUM	4	16526	11.70	.	MG/KG	2.46	.	0.80
1388	MOLYBDENUM	4	16815	.	0.80	MG/KG	.	-0.22	25.60
1389	MOLYBDENUM	4	16835	6.90	.	MG/KG	1.93	.	34.80
1401	MOLYBDENUM	4	16802	2.40	.	MG/KG	0.88	.	1.00
1407	MOLYBDENUM	4	16842	3.20	.	MG/KG	1.16	.	37.40
1408	MOLYBDENUM	4	16540	.	1.30	MG/KG	.	0.26	15.10
1414	MOLYBDENUM	4	16744	.	10.50	MG/KG	.	2.35	1.90
1415	MOLYBDENUM	4	16750	.	40.00	MG/KG	.	3.69	0.50
1417	MOLYBDENUM	4	16742	.	13.30	MG/KG	.	2.59	1.50
1420	MOLYBDENUM	4	16864	.	4.70	MG/KG	.	1.55	10.70
1427	MOLYBDENUM	4	16867	.	1.90	MG/KG	.	0.64	52.80
1430	MOLYBDENUM	4	16537	25.40	.	MG/KG	3.23	.	66.00
1431	MOLYBDENUM	4	16538	13.50	.	MG/KG	2.60	.	20.30
1432	MOLYBDENUM	4	16539	29.70	.	MG/KG	3.39	.	42.00
1441	MOLYBDENUM	4	16798	.	1.60	MG/KG	.	0.47	2.80
1442	MOLYBDENUM	4	16797	.	22.80	MG/KG	.	3.13	64.00
1445	MOLYBDENUM	4	16871	.	11.80	MG/KG	.	2.47	1.70
1455	MOLYBDENUM	4	16837	7.80	.	MG/KG	2.05	.	44.80
1459	MOLYBDENUM	4	16747	.	25.00	MG/KG	.	3.22	0.80
1461	MOLYBDENUM	4	16852	.	43.50	MG/KG	.	3.77	0.23
1464	MOLYBDENUM	4	16876	14.20	.	MG/KG	2.65	.	19.10
1465	MOLYBDENUM	4	16877	11.40	.	MG/KG	2.43	.	4.80
1466	MOLYBDENUM	4	17026	18.80	.	MG/KG	2.93	.	2.30
1467	MOLYBDENUM	4	17030	.	16.70	MG/KG	.	2.82	1.20
1468	MOLYBDENUM	4	17151	3.60	.	MG/KG	1.28	.	39.50
1470	MOLYBDENUM	4	16880	.	16.70	MG/KG	.	2.82	1.20
1478	MOLYBDENUM	4	17060	11.80	.	MG/KG	2.47	.	3.40
1488	MOLYBDENUM	4	17029	2.70	.	MG/KG	0.99	.	62.40
1491	MOLYBDENUM	4	17011	.	41.70	MG/KG	.	3.73	0.48
1496	MOLYBDENUM	4	17075	.	13.30	MG/KG	.	2.59	2.50
1501	MOLYBDENUM	4	17074	60.20	.	MG/KG	4.10	.	9.40
1506	MOLYBDENUM	4	17153	2.00	.	MG/KG	0.69	.	37.50
1509	MOLYBDENUM	4	17042	5.20	.	MG/KG	1.65	.	47.60
1512	MOLYBDENUM	4	17138	7.30	.	MG/KG	1.99	.	14.30
1516	MOLYBDENUM	4	17004	.	20.00	MG/KG	.	3.00	1.00
1527	MOLYBDENUM	4	17040	.	1.40	MG/KG	.	0.34	72.70
1532	MOLYBDENUM	4	17007	5.30	.	MG/KG	1.67	.	41.90
1539	MOLYBDENUM	4		.	19.10	MG/KG	.	2.95	1.07
1549	MOLYBDENUM	4	17048	.	5.30	MG/KG	.	1.67	6.30
1551	MOLYBDENUM	4		.	34.85	MG/KG	.	3.55	0.60
1555	MOLYBDENUM	4	17035	.	4.90	MG/KG	.	1.59	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=N-NITROSODIMETHYLAMINE STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	N-NITROSODIMETHYLAMINE	1	16821	.	128205.13	UG/KG	.	11.76	11.90
1391	N-NITROSODIMETHYLAMINE	1	16885	.	72463.77	UG/KG	.	11.19	21.80
1419	N-NITROSODIMETHYLAMINE	1	16739	.	38461.56	UG/KG	.	10.56	44.00
1436	N-NITROSODIMETHYLAMINE	1	17036	.	4166.67	UG/KG	.	8.33	38.20
1436	N-NITROSODIMETHYLAMINE	1	17145	.	1666.67	UG/KG	.	7.42	39.90
1436	N-NITROSODIMETHYLAMINE	1	17149	.	1724.14	UG/KG	.	7.45	40.90
1437	N-NITROSODIMETHYLAMINE	1	17033	.	102040.83	UG/KG	.	11.53	16.30
1438	N-NITROSODIMETHYLAMINE	1	17034	.	90909.10	UG/KG	.	11.42	19.10
1451	N-NITROSODIMETHYLAMINE	1	16887	.	22727.27	UG/KG	.	10.03	1.10
1452	N-NITROSODIMETHYLAMINE	1	16889	.	26315.79	UG/KG	.	10.18	61.80
1452	N-NITROSODIMETHYLAMINE	1	16890	.	27777.79	UG/KG	.	10.23	63.40
1469	N-NITROSODIMETHYLAMINE	1		.	68506.01	UG/KG	.	11.13	23.90
1471	N-NITROSODIMETHYLAMINE	1	17046	.	6756.76	UG/KG	.	8.82	25.30
1471	N-NITROSODIMETHYLAMINE	1	17052	.	79365.08	UG/KG	.	11.28	20.90
1530	N-NITROSODIMETHYLAMINE	1	17020	.	1666.67	UG/KG	.	7.42	32.60
1530	N-NITROSODIMETHYLAMINE	1	17038	.	1666.67	UG/KG	.	7.42	9.30
1533	N-NITROSODIMETHYLAMINE	1	17022	.	2380.95	UG/KG	.	7.78	2.10
1534	N-NITROSODIMETHYLAMINE	1	17081	.	2173.91	UG/KG	.	7.68	75.00
1543	N-NITROSODIMETHYLAMINE	1	17065	.	2380.95	UG/KG	.	7.78	15.00
1543	N-NITROSODIMETHYLAMINE	1	17130	.	2000.00	UG/KG	.	7.60	50.50
1543	N-NITROSODIMETHYLAMINE	1	17141	.	1923.08	UG/KG	.	7.56	18.10
1550	N-NITROSODIMETHYLAMINE	1		.	38690.48	UG/KG	.	10.56	10.40
1552	N-NITROSODIMETHYLAMINE	1		.	22756.41	UG/KG	.	10.03	3.80
1553	N-NITROSODIMETHYLAMINE	1	16884	.	7936.51	UG/KG	.	8.98	2.00
1556	N-NITROSODIMETHYLAMINE	1	16896	.	11111.11	UG/KG	.	9.32	1.80
1559	N-NITROSODIMETHYLAMINE	1		.	17549.26	UG/KG	.	9.77	8.45

---------- ANALYTE=N-NITROSODIMETHYLAMINE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	N-NITROSODIMETHYLAMINE	2	16527	.	119047.63	UG/KG	.	11.69	19.20
1365	N-NITROSODIMETHYLAMINE	2	16528	.	555555.72	UG/KG	.	13.23	3.00
1366	N-NITROSODIMETHYLAMINE	2	16814	.	7246.38	UG/KG	.	8.89	25.00
[illegible]	N-NITROSODIMETHYLAMINE	2	16818	.	94339.63	UG/KG	.	11.45	17.80
	N-NITROSODIMETHYLAMINE	2		.	51020.41	UG/KG	.	10.84	30.55
	NITROSODIMETHYLAMINE	2	16834	.	64935.07	UG/KG	.	11.08	32.20
	SODIMETHYLAMINE	2		.	212862.36	UG/KG	.	12.27	21.55
	METHYLAMINE	2	16529	.	333333.33	UG/KG	.	12.72	5.10
	AMINE	2		.	4166.67	UG/KG	.	8.33	4.15
	NE	2	16810	.	83333.34	UG/KG	.	11.33	2.30
		2	16811	.	26315.79	UG/KG	.	10.18	71.70
		2	16833	.	89285.72	UG/KG	.	11.40	30.80
		2	17025	.	7812.50	UG/KG	.	8.96	2.80
		2	17061	.	98039.22	UG/KG	.	11.49	18.10
		2	16743	.	142857.16	UG/KG	.	11.87	3.70
				.	8333.33	UG/KG	.	9.03	1.85
			16831	.	86206.90	UG/KG	.	11.36	18.30
			[illegible]	.	83333.34	UG/KG	.	11.33	20.40
				.	116279.08	UG/KG	.	11.66	14.30
				.	57471.27	UG/KG	.	10.96	3.10
				.	97096.53	UG/KG	.	11.48	17.05

DATA LISTING
[illegible]UTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=N-NITROSODIMETHYLAMINE STRATUM=2 ----------

[illegible]	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	N-NITROSODIMETHYLAMINE	2	16823	.	35714.30	UG/KG	.	10.48	4.40
1443	N-NITROSODIMETHYLAMINE	2	16825	.	21739.14	UG/KG	.	9.99	3.90
1447	N-NITROSODIMETHYLAMINE	2		.	62500.01	UG/KG	.	11.04	3.60
1453	N-NITROSODIMETHYLAMINE	2	16888	.	9259.26	UG/KG	.	9.13	18.60
1454	N-NITROSODIMETHYLAMINE	2	16838	.	56179.78	UG/KG	.	10.94	38.30
1454	N-NITROSODIMETHYLAMINE	2	16839	.	108695.66	UG/KG	.	11.60	20.00
1456	N-NITROSODIMETHYLAMINE	2	17021	.	62500.00	UG/KG	.	11.04	2.00
1460	N-NITROSODIMETHYLAMINE	2	16879	.	41666.67	UG/KG	.	10.64	33.20
1463	N-NITROSODIMETHYLAMINE	2	16873	.	6410.26	UG/KG	.	8.77	3.80
1463	N-NITROSODIMETHYLAMINE	2	16874	.	79365.08	UG/KG	.	11.28	63.60
1481	N-NITROSODIMETHYLAMINE	2	17136	.	111111.11	UG/KG	.	11.62	14.80
1482	N-NITROSODIMETHYLAMINE	2		.	84770.12	UG/KG	.	11.35	19.90
1484	N-NITROSODIMETHYLAMINE	2	17024	.	769230.80	UG/KG	.	13.55	21.00
1485	N-NITROSODIMETHYLAMINE	2	17132	.	98039.22	UG/KG	.	11.49	4.64
1485	N-NITROSODIMETHYLAMINE	2	17133	.	1086956.61	UG/KG	.	13.90	15.20
1493	N-NITROSODIMETHYLAMINE	2		.	20833.34	UG/KG	.	9.94	82.80
1495	N-NITROSODIMETHYLAMINE	2	17155	.	1315.79	UG/KG	.	7.18	44.30
1499	N-NITROSODIMETHYLAMINE	2	17019	.	1612.90	UG/KG	.	7.39	4.90
1500	N-NITROSODIMETHYLAMINE	2		.	70099.82	UG/KG	.	11.16	20.05
1503	N-NITROSODIMETHYLAMINE	2	17079	.	5263.16	UG/KG	.	8.57	31.90
1510	N-NITROSODIMETHYLAMINE	2	17072	.	5050.51	UG/KG	.	8.53	10.60
1514	N-NITROSODIMETHYLAMINE	2	17085	.	5555.56	UG/KG	.	8.62	11.00
1515	N-NITROSODIMETHYLAMINE	2		.	17857.15	UG/KG	.	9.79	94.30
1520	N-NITROSODIMETHYLAMINE	2	16855	.	41666.67	UG/KG	.	10.64	41.10
1521	N-NITROSODIMETHYLAMINE	2	16860	.	79365.08	UG/KG	.	11.28	19.20
1522	N-NITROSODIMETHYLAMINE	2	16853	.	98039.22	UG/KG	.	11.49	17.50
1523	N-NITROSODIMETHYLAMINE	2		.	34855.79	UG/KG	.	10.46	50.00
1524	N-NITROSODIMETHYLAMINE	2	16854	.	76923.08	UG/KG	.	11.25	26.30
1524	N-NITROSODIMETHYLAMINE	2	16856	.	76923.08	UG/KG	.	11.25	23.60
1529	N-NITROSODIMETHYLAMINE	2	17086	.	2500.00	UG/KG	.	7.82	13.00
1535	N-NITROSODIMETHYLAMINE	2	17088	.	5073.05	UG/KG	.	8.53	2.80
1538	N-NITROSODIMETHYLAMINE	2	17087	.	1250.00	UG/KG	.	7.13	70.50
1540	N-NITROSODIMETHYLAMINE	2	17093	.	500.00	UG/KG	.	6.21	24.40
1544	N-NITROSODIMETHYLAMINE	2	16803	.	94339.63	UG/KG	.	11.45	20.30
1545	N-NITROSODIMETHYLAMINE	2	16805	.	84745.77	UG/KG	.	11.35	20.60
1554	N-NITROSODIMETHYLAMINE	2	17066	.	22727.27	UG/KG	.	10.03	77.90
1554	N-NITROSODIMETHYLAMINE	2	17071	.	64102.57	UG/KG	.	11.07	27.90
1558	N-NITROSODIMETHYLAMINE	2	16801	.	106382.99	UG/KG	.	11.57	14.90
1564	N-NITROSODIMETHYLAMINE	2	17043	.	67567.57	UG/KG	.	11.12	25.50
1564	N-NITROSODIMETHYLAMINE	2	17049	.	31250.01	UG/KG	.	10.35	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=N-NITROSODIMETHYLAMINE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	N-NITROSODIMETHYLAMINE	3	16532	.	38461.56	UG/KG	.	10.56	5.50
1367	N-NITROSODIMETHYLAMINE	3	16533	.	119047.63	UG/KG	.	11.69	16.30
1367	N-NITROSODIMETHYLAMINE	3	16534	.	22727.27	UG/KG	.	10.03	89.60
1370	N-NITROSODIMETHYLAMINE	3	16817	.	12820.51	UG/KG	.	9.46	14.20
1381	N-NITROSODIMETHYLAMINE	3	16819	.	50505.05	UG/KG	.	10.83	3.40
1382	N-NITROSODIMETHYLAMINE	3	16816	.	2272.73	UG/KG	.	7.73	74.50
1384	N-NITROSODIMETHYLAMINE	3	16536	.	500000.18	UG/KG	.	13.12	33.20
1385	N-NITROSODIMETHYLAMINE	3	16886	.	59523.81	UG/KG	.	10.99	4.30
1395	N-NITROSODIMETHYLAMINE	3	16861	.	10000.00	UG/KG	.	9.21	2.30
1395	N-NITROSODIMETHYLAMINE	3	16862	.	80645.17	UG/KG	.	11.30	19.10
1396	N-NITROSODIMETHYLAMINE	3	16830	.	138888.91	UG/KG	.	11.84	3.20
1397	N-NITROSODIMETHYLAMINE	3	16851	.	312500.07	UG/KG	.	12.65	7.80
1402	N-NITROSODIMETHYLAMINE	3	16809	.	128205.13	UG/KG	.	11.76	1.40
1404	N-NITROSODIMETHYLAMINE	3		.	83333.34	UG/KG	.	11.33	2.00
1405	N-NITROSODIMETHYLAMINE	3	16843	.	11627.91	UG/KG	.	9.36	15.20
1405	N-NITROSODIMETHYLAMINE	3	16844	.	31250.01	UG/KG	.	10.35	53.80
1406	N-NITROSODIMETHYLAMINE	3	16841	.	52631.58	UG/KG	.	10.87	1.60
1409	N-NITROSODIMETHYLAMINE	3		.	41666.67	UG/KG	.	10.64	4.55
1411	N-NITROSODIMETHYLAMINE	3	16826	.	20000.00	UG/KG	.	9.90	80.90
1412	N-NITROSODIMETHYLAMINE	3	16829	.	73529.42	UG/KG	.	11.21	3.50
1416	N-NITROSODIMETHYLAMINE	3		.	47727.28	UG/KG	.	10.77	35.80
1425	N-NITROSODIMETHYLAMINE	3	16878	.	90909.10	UG/KG	.	11.42	19.50
1428	N-NITROSODIMETHYLAMINE	3	16869	.	33333.33	UG/KG	.	10.41	0.50
1433	N-NITROSODIMETHYLAMINE	3	16800	.	18518.52	UG/KG	.	9.83	89.30
1434	N-NITROSODIMETHYLAMINE	3	16806	.	6493.51	UG/KG	.	8.78	17.70
1435	N-NITROSODIMETHYLAMINE	3	17016	.	1612.90	UG/KG	.	7.39	65.40
1439	N-NITROSODIMETHYLAMINE	3	17047	.	61728.40	UG/KG	.	11.03	10.10
1440	N-NITROSODIMETHYLAMINE	3	17050	.	8771.93	UG/KG	.	9.08	19.10
1448	N-NITROSODIMETHYLAMINE	3	16745	.	26315.79	UG/KG	.	10.18	62.60
1448	N-NITROSODIMETHYLAMINE	3	16746	.	166666.69	UG/KG	.	12.02	10.90
1449	N-NITROSODIMETHYLAMINE	3		.	7582.24	UG/KG	.	8.93	2.35
1462	N-NITROSODIMETHYLAMINE	3	16849	.	33333.33	UG/KG	.	10.41	7.20
1472	N-NITROSODIMETHYLAMINE	3		.	76340.33	UG/KG	.	11.24	20.45
1474	N-NITROSODIMETHYLAMINE	3	17031	.	10638.30	UG/KG	.	9.27	15.20
1475	N-NITROSODIMETHYLAMINE	3	17028	.	54945.06	UG/KG	.	10.91	30.70
1476	N-NITROSODIMETHYLAMINE	3		.	7101.13	UG/KG	.	8.87	23.50
1479	N-NITROSODIMETHYLAMINE	3	17144	.	1612.90	UG/KG	.	7.39	30.10
1479	N-NITROSODIMETHYLAMINE	3	17150	.	2840.91	UG/KG	.	7.95	1.76
1480	N-NITROSODIMETHYLAMINE	3	17044	.	41666.67	UG/KG	.	10.64	3.60
1486	N-NITROSODIMETHYLAMINE	3	17131	.	8064.52	UG/KG	.	9.00	2.60
1487	N-NITROSODIMETHYLAMINE	3	17023	.	108695.66	UG/KG	.	11.60	14.50
1489	N-NITROSODIMETHYLAMINE	3	17041	.	50000.00	UG/KG	.	10.82	34.10
1490	N-NITROSODIMETHYLAMINE	3	17027	.	80645.17	UG/KG	.	11.30	2.00
1492	N-NITROSODIMETHYLAMINE	3	17010	.	1666.67	UG/KG	.	7.42	60.20
1497	N-NITROSODIMETHYLAMINE	3	17015	.	26315.79	UG/KG	.	10.18	0.19
1498	N-NITROSODIMETHYLAMINE	3		.	3434.18	UG/KG	.	8.14	4.50
1502	N-NITROSODIMETHYLAMINE	3	17073	.	78125.00	UG/KG	.	11.27	2.90
1504	N-NITROSODIMETHYLAMINE	3	17078	.	23809.53	UG/KG	.	10.08	0.93
1505	N-NITROSODIMETHYLAMINE	3	17152	.	1851.85	UG/KG	.	7.52	26.20
1507	N-NITROSODIMETHYLAMINE	3	17154	.	1923.08	UG/KG	.	7.56	67.30
1508	N-NITROSODIMETHYLAMINE	3	17084	.	5916.46	UG/KG	.	8.69	2.70
1511	N-NITROSODIMETHYLAMINE	3	17139	.	6024.10	UG/KG	.	8.70	41.60
1513	N-NITROSODIMETHYLAMINE	3	17083	.	10041.37	UG/KG	.	9.21	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=N-NITROSODIMETHYLAMINE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	N-NITROSODIMETHYLAMINE	3	17002	.	29411.77	UG/KG	.	10.29	53.70
1518	N-NITROSODIMETHYLAMINE	3	17003	.	2500.00	UG/KG	.	7.82	65.60
1519	N-NITROSODIMETHYLAMINE	3	17005	.	12820.51	UG/KG	.	9.46	11.80
1525	N-NITROSODIMETHYLAMINE	3	17001	.	38461.56	UG/KG	.	10.56	59.20
1526	N-NITROSODIMETHYLAMINE	3		.	1666.67	UG/KG	.	7.42	27.75
1537	N-NITROSODIMETHYLAMINE	3	17090	.	1851.85	UG/KG	.	7.52	17.30
1541	N-NITROSODIMETHYLAMINE	3	17091	.	1333.33	UG/KG	.	7.20	5.00
1542	N-NITROSODIMETHYLAMINE	3	17089	.	2272.73	UG/KG	.	7.73	76.80
1546	N-NITROSODIMETHYLAMINE	3	16804	.	76923.08	UG/KG	.	11.25	22.60
1547	N-NITROSODIMETHYLAMINE	3	17070	.	38461.56	UG/KG	.	10.56	45.10
1548	N-NITROSODIMETHYLAMINE	3	17067	.	94339.63	UG/KG	.	11.45	18.10
1560	N-NITROSODIMETHYLAMINE	3	16883	.	38461.56	UG/KG	.	10.56	71.40
1561	N-NITROSODIMETHYLAMINE	3	16891	.	5952.38	UG/KG	.	8.69	2.20
1561	N-NITROSODIMETHYLAMINE	3	16892	.	2272.73	UG/KG	.	7.73	68.30
1563	N-NITROSODIMETHYLAMINE	3	17143	.	5453.16	UG/KG	.	8.60	2.65
1565	N-NITROSODIMETHYLAMINE	3	17057	.	41666.67	UG/KG	.	10.64	0.75
1566	N-NITROSODIMETHYLAMINE	3		.	42613.64	UG/KG	.	10.66	1.15

---------- ANALYTE=N-NITROSODIMETHYLAMINE STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	N-NITROSODIMETHYLAMINE	4	16525	.	19230.77	UG/KG	.	9.86	100.00
1362	N-NITROSODIMETHYLAMINE	4	16531	.	1666.67	UG/KG	.	7.42	100.00
1363	N-NITROSODIMETHYLAMINE	4	16526	.	166666.69	UG/KG	.	12.02	0.80
1388	N-NITROSODIMETHYLAMINE	4	16815	.	11111.11	UG/KG	.	9.32	25.60
1389	N-NITROSODIMETHYLAMINE	4	16835	.	68493.15	UG/KG	.	11.13	34.80
1401	N-NITROSODIMETHYLAMINE	4	16802	.	151515.16	UG/KG	.	11.93	1.00
1407	N-NITROSODIMETHYLAMINE	4	16842	.	4545.45	UG/KG	.	8.42	37.40
1408	N-NITROSODIMETHYLAMINE	4	16540	.	13888.89	UG/KG	.	9.54	15.10
1414	N-NITROSODIMETHYLAMINE	4	16744	.	9433.96	UG/KG	.	9.15	1.90
1415	N-NITROSODIMETHYLAMINE	4	16750	.	35714.30	UG/KG	.	10.48	0.50
1417	N-NITROSODIMETHYLAMINE	4	16742	.	11363.64	UG/KG	.	9.34	1.50
1420	N-NITROSODIMETHYLAMINE	4	16864	.	156250.00	UG/KG	.	11.96	10.70
1427	N-NITROSODIMETHYLAMINE	4	16867	.	3846.15	UG/KG	.	8.25	52.80
1430	N-NITROSODIMETHYLAMINE	4	16537	.	26315.79	UG/KG	.	10.18	66.00
1431	N-NITROSODIMETHYLAMINE	4	16538	.	87719.30	UG/KG	.	11.38	20.30
1432	N-NITROSODIMETHYLAMINE	4	16539	.	35714.30	UG/KG	.	10.48	42.00
1441	N-NITROSODIMETHYLAMINE	4	16798	.	23809.53	UG/KG	.	10.08	2.80
1442	N-NITROSODIMETHYLAMINE	4	16797	.	2941.18	UG/KG	.	7.99	64.00
1445	N-NITROSODIMETHYLAMINE	4	16871	.	83333.34	UG/KG	.	11.33	1.70
1455	N-NITROSODIMETHYLAMINE	4	16837	.	38461.56	UG/KG	.	10.56	44.80
1459	N-NITROSODIMETHYLAMINE	4	16747	.	23809.53	UG/KG	.	10.08	0.80
1461	N-NITROSODIMETHYLAMINE	4	16852	.	83333.34	UG/KG	.	11.33	0.23
1464	N-NITROSODIMETHYLAMINE	4	16876	.	3571.43	UG/KG	.	8.18	19.10
1465	N-NITROSODIMETHYLAMINE	4	16877	.	38461.56	UG/KG	.	10.56	4.80
1466	N-NITROSODIMETHYLAMINE	4	17026	.	13513.51	UG/KG	.	9.51	2.30
1467	N-NITROSODIMETHYLAMINE	4	17030	.	22727.27	UG/KG	.	10.03	1.20
1468	N-NITROSODIMETHYLAMINE	4	17151	.	1515.15	UG/KG	.	7.32	39.50
1470	N-NITROSODIMETHYLAMINE	4	16880	.	15151.52	UG/KG	.	9.63	1.20
1478	N-NITROSODIMETHYLAMINE	4	17060	.	52083.33	UG/KG	.	10.86	3.40
1488	N-NITROSODIMETHYLAMINE	4	17029	.	27777.79	UG/KG	.	10.23	62.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=N-NITROSODIMETHYLAMINE STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1491	N-NITROSODIMETHYLAMINE	4	17011	.	10416.67	UG/KG	.	9.25	0.48
1496	N-NITROSODIMETHYLAMINE	4	17075	.	22727.27	UG/KG	.	10.03	2.50
1501	N-NITROSODIMETHYLAMINE	4	17074	.	217391.34	UG/KG	.	12.29	9.40
1506	N-NITROSODIMETHYLAMINE	4	17153	.	1562.50	UG/KG	.	7.35	37.50
1509	N-NITROSODIMETHYLAMINE	4	17042	.	60240.97	UG/KG	.	11.01	47.60
1512	N-NITROSODIMETHYLAMINE	4	17138	.	5617.98	UG/KG	.	8.63	14.30
1516	N-NITROSODIMETHYLAMINE	4	17004	.	166666.69	UG/KG	.	12.02	1.00
1527	N-NITROSODIMETHYLAMINE	4	17040	.	2173.91	UG/KG	.	7.68	72.70
1532	N-NITROSODIMETHYLAMINE	4	17007	.	38461.56	UG/KG	.	10.56	41.90
1539	N-NITROSODIMETHYLAMINE	4		.	9749.67	UG/KG	.	9.18	1.07
1549	N-NITROSODIMETHYLAMINE	4	17048	.	4166.67	UG/KG	.	8.33	6.30
1551	N-NITROSODIMETHYLAMINE	4		.	137500.01	UG/KG	.	11.83	0.60
1555	N-NITROSODIMETHYLAMINE	4	17035	.	11111.11	UG/KG	.	9.32	5.10

---------- ANALYTE=NICKEL STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	NICKEL	1	16821	95.50	.	MG/KG	4.56	.	11.90
1391	NICKEL	1	16885	192.00	.	MG/KG	5.26	.	21.80
1419	NICKEL	1	16739	236.00	.	MG/KG	5.46	.	44.00
1436	NICKEL	1	17036	47.90	.	MG/KG	3.87	.	38.20
1436	NICKEL	1	17145	19.50	.	MG/KG	2.97	.	39.90
1436	NICKEL	1	17149	39.90	.	MG/KG	3.69	.	40.90
1437	NICKEL	1	17033	76.50	.	MG/KG	4.34	.	16.30
1438	NICKEL	1	17034	29.90	.	MG/KG	3.40	.	19.10
1451	NICKEL	1	16887	61.90	.	MG/KG	4.13	.	1.10
1452	NICKEL	1	16889	272.00	.	MG/KG	5.61	.	61.80
1452	NICKEL	1	16890	253.00	.	MG/KG	5.53	.	63.40
1469	NICKEL	1		399.00	.	MG/KG	5.99	.	23.90
1471	NICKEL	1	17046	31.00	.	MG/KG	3.43	.	25.30
1471	NICKEL	1	17052	37.30	.	MG/KG	3.62	.	20.90
1530	NICKEL	1	17020	18.70	.	MG/KG	2.93	.	32.60
1530	NICKEL	1	17038	25.10	.	MG/KG	3.22	.	9.30
1533	NICKEL	1	17022	85.70	.	MG/KG	4.45	.	2.10
1534	NICKEL	1	17081	24.20	.	MG/KG	3.19	.	75.00
1543	NICKEL	1	17065	17.00	.	MG/KG	2.83	.	15.00
1543	NICKEL	1	17130	18.70	.	MG/KG	2.93	.	50.50
1543	NICKEL	1	17141	29.30	.	MG/KG	3.38	.	18.10
1550	NICKEL	1		24.55	.	MG/KG	3.20	.	10.40
1552	NICKEL	1		100.85	.	MG/KG	4.61	.	3.80
1553	NICKEL	1	16884	.	55.20	MG/KG	.	4.01	2.00
1556	NICKEL	1	16896	161.00	.	MG/KG	5.08	.	1.80
1559	NICKEL	1		48.75	.	MG/KG	3.89	.	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=NICKEL STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	NICKEL	2	16527	15.00	.	MG/KG	2.71	.	19.20
1365	NICKEL	2	16528	144.00	.	MG/KG	4.97	.	3.00
1366	NICKEL	2	16814	58.60	.	MG/KG	4.07	.	25.00
1369	NICKEL	2	16818	18.60	.	MG/KG	2.92	.	17.80
1380	NICKEL	2		15.40	.	MG/KG	2.73	.	30.55
1390	NICKEL	2	16834	28.40	.	MG/KG	3.35	.	32.20
1392	NICKEL	2		29.80	.	MG/KG	3.39	.	21.55
1393	NICKEL	2	16529	18.80	.	MG/KG	2.93	.	5.10
1399	NICKEL	2		51.05	.	MG/KG	3.93	.	4.15
1400	NICKEL	2	16810	26.80	.	MG/KG	3.29	.	2.30
1403	NICKEL	2	16811	431.00	.	MG/KG	6.07	.	71.70
1410	NICKEL	2	16833	52.50	.	MG/KG	3.96	.	30.80
1413	NICKEL	2	17025	40.50	.	MG/KG	3.70	.	2.80
1413	NICKEL	2	17061	51.50	.	MG/KG	3.94	.	18.10
1418	NICKEL	2	16743	70.20	.	MG/KG	4.25	.	3.70
1421	NICKEL	2		62.80	.	MG/KG	4.14	.	1.85
1422	NICKEL	2	16831	54.30	.	MG/KG	3.99	.	18.30
1423	NICKEL	2	16832	63.20	.	MG/KG	4.15	.	20.40
1424	NICKEL	2	16799	15.00	.	MG/KG	2.71	.	14.30
1426	NICKEL	2	16868	488.00	.	MG/KG	6.19	.	3.10
1429	NICKEL	2		236.00	.	MG/KG	5.46	.	17.05
1443	NICKEL	2	16823	.	50.20	MG/KG	.	3.92	4.40
1443	NICKEL	2	16825	46.10	.	MG/KG	3.83	.	3.90
1447	NICKEL	2		72.15	.	MG/KG	4.28	.	3.60
1453	NICKEL	2	16888	22.10	.	MG/KG	3.10	.	18.60
1454	NICKEL	2	16838	230.00	.	MG/KG	5.44	.	38.30
1454	NICKEL	2	16839	112.00	.	MG/KG	4.72	.	20.00
1456	NICKEL	2	17021	976.00	.	MG/KG	6.88	.	2.00
1460	NICKEL	2	16879	390.00	.	MG/KG	5.97	.	33.20
1463	NICKEL	2	16873	56.80	.	MG/KG	4.04	.	3.80
1463	NICKEL	2	16874	16.30	.	MG/KG	2.79	.	63.60
1481	NICKEL	2	17136	19.00	.	MG/KG	2.94	.	14.80
1482	NICKEL	2		14.05	.	MG/KG	2.64	.	19.90
1484	NICKEL	2	17024	55.70	.	MG/KG	4.02	.	21.00
1485	NICKEL	2	17132	34.20	.	MG/KG	3.53	.	4.64
1485	NICKEL	2	17133	31.90	.	MG/KG	3.46	.	15.20
1493	NICKEL	2		28.20	.	MG/KG	3.34	.	82.80
1495	NICKEL	2	17155	41.10	.	MG/KG	3.72	.	44.30
1499	NICKEL	2	17019	23.50	.	MG/KG	3.16	.	4.90
1500	NICKEL	2		34.65	.	MG/KG	3.55	.	20.05
1503	NICKEL	2	17079	25.70	.	MG/KG	3.25	.	31.90
1510	NICKEL	2	17072	18.40	.	MG/KG	2.91	.	10.60
1514	NICKEL	2	17085	.	6.80	MG/KG	.	1.92	11.00
1515	NICKEL	2		32.70	.	MG/KG	3.49	.	94.30
1520	NICKEL	2	16855	41.30	.	MG/KG	3.72	.	41.10
1521	NICKEL	2	16860	207.00	.	MG/KG	5.33	.	19.20
1522	NICKEL	2	16853	18.90	.	MG/KG	2.94	.	17.50
1523	NICKEL	2		19.60	.	MG/KG	2.98	.	50.00
1524	NICKEL	2	16854	59.60	.	MG/KG	4.09	.	26.30
1524	NICKEL	2	16856	31.90	.	MG/KG	3.46	.	23.60
1529	NICKEL	2	17086	76.40	.	MG/KG	4.34	.	13.00
1535	NICKEL	2	17088	58.30	.	MG/KG	4.07	.	2.80
1538	NICKEL	2	17087	193.00	.	MG/KG	5.26	.	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=NICKEL STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	NICKEL	2	17093	63.30	.	MG/KG	4.15	.	24.40
1544	NICKEL	2	16803	17.90	.	MG/KG	2.88	.	20.30
1545	NICKEL	2	16805	66.50	.	MG/KG	4.20	.	20.60
1554	NICKEL	2	17066	86.20	.	MG/KG	4.46	.	77.90
1554	NICKEL	2	17071	68.40	.	MG/KG	4.23	.	27.90
1558	NICKEL	2	16801	43.80	.	MG/KG	3.78	.	14.90
1564	NICKEL	2	17043	122.00	.	MG/KG	4.80	.	25.50
1564	NICKEL	2	17049	116.00	.	MG/KG	4.75	.	48.70

ANALYTE=NICKEL STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	NICKEL	3	16532	51.10	.	MG/KG	3.93	.	5.50
1367	NICKEL	3	16533	45.90	.	MG/KG	3.83	.	16.30
1367	NICKEL	3	16534	42.10	.	MG/KG	3.74	.	89.60
1370	NICKEL	3	16817	46.50	.	MG/KG	3.84	.	14.20
1381	NICKEL	3	16819	16.50	.	MG/KG	2.80	.	3.40
1382	NICKEL	3	16816	16.90	.	MG/KG	2.83	.	74.50
1384	NICKEL	3	16536	122.00	.	MG/KG	4.80	.	33.20
1385	NICKEL	3	16886	.	25.50	MG/KG	.	3.24	4.30
1395	NICKEL	3	16861	57.40	.	MG/KG	4.05	.	2.30
1395	NICKEL	3	16862	43.50	.	MG/KG	3.77	.	19.10
1396	NICKEL	3	16830	44.40	.	MG/KG	3.79	.	3.20
1397	NICKEL	3	16851	223.00	.	MG/KG	5.41	.	7.80
1402	NICKEL	3	16809	.	31.50	MG/KG	.	3.45	1.40
1404	NICKEL	3		78.40	.	MG/KG	4.36	.	2.00
1405	NICKEL	3	16843	.	14.30	MG/KG	.	2.66	15.20
1405	NICKEL	3	16844	25.60	.	MG/KG	3.24	.	53.80
1406	NICKEL	3	16841	27.50	.	MG/KG	3.31	.	1.60
1409	NICKEL	3		124.50	.	MG/KG	4.82	.	4.55
1411	NICKEL	3	16826	35.60	.	MG/KG	3.57	.	80.90
1412	NICKEL	3	16829	31.40	.	MG/KG	3.45	.	3.50
1416	NICKEL	3		22.35	.	MG/KG	3.11	.	35.80
1425	NICKEL	3	16878	27.60	.	MG/KG	3.32	.	19.50
1428	NICKEL	3	16869	.	88.00	MG/KG	.	4.48	0.50
1433	NICKEL	3	16800	35.30	.	MG/KG	3.56	.	89.30
1434	NICKEL	3	16806	35.30	.	MG/KG	3.56	.	17.70
1435	NICKEL	3	17016	45.30	.	MG/KG	3.81	.	65.40
1439	NICKEL	3	17047	18.70	.	MG/KG	2.93	.	10.10
1440	NICKEL	3	17050	8.40	.	MG/KG	2.13	.	19.10
1448	NICKEL	3	16745	358.00	.	MG/KG	5.88	.	62.60
1448	NICKEL	3	16746	90.20	.	MG/KG	4.50	.	10.90
1449	NICKEL	3		87.22	.	MG/KG	4.47	.	2.35
1462	NICKEL	3	16849	694.00	.	MG/KG	6.54	.	7.20
1472	NICKEL	3		76.35	.	MG/KG	4.34	.	20.45
1474	NICKEL	3	17031	62.20	.	MG/KG	4.13	.	15.20
1475	NICKEL	3	17028	27.70	.	MG/KG	3.32	.	30.70
1476	NICKEL	3		20.55	.	MG/KG	3.02	.	23.50
1479	NICKEL	3	17144	13.80	.	MG/KG	2.62	.	30.10
1479	NICKEL	3	17150	.	33.90	MG/KG	.	3.52	1.76
1480	NICKEL	3	17044	36.00	.	MG/KG	3.58	.	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=NICKEL STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	NICKEL	3	17131	30.00	.	MG/KG	3.40	.	2.60
1487	NICKEL	3	17023	21.70	.	MG/KG	3.08	.	14.50
1489	NICKEL	3	17041	20.90	.	MG/KG	3.04	.	34.10
1490	NICKEL	3	17027	122.00	.	MG/KG	4.80	.	2.00
1492	NICKEL	3	17010	53.40	.	MG/KG	3.98	.	60.20
1497	NICKEL	3	17015	.	231.00	MG/KG	.	5.44	0.19
1498	NICKEL	3		72.35	.	MG/KG	4.28	.	4.50
1502	NICKEL	3	17073	.	25.30	MG/KG	.	3.23	2.90
1504	NICKEL	3	17078	.	47.30	MG/KG	.	3.86	0.93
1505	NICKEL	3	17152	25.80	.	MG/KG	3.25	.	26.20
1507	NICKEL	3	17154	12.30	.	MG/KG	2.51	.	67.30
1508	NICKEL	3	17084	.	27.80	MG/KG	.	3.33	2.70
1511	NICKEL	3	17139	34.10	.	MG/KG	3.53	.	41.60
1513	NICKEL	3	17083	.	46.20	MG/KG	.	3.83	1.29
1517	NICKEL	3	17002	26.20	.	MG/KG	3.27	.	53.70
1518	NICKEL	3	17003	29.20	.	MG/KG	3.37	.	65.60
1519	NICKEL	3	17005	121.00	.	MG/KG	4.80	.	11.80
1525	NICKEL	3	17001	20.20	.	MG/KG	3.01	.	59.20
1526	NICKEL	3		14.50	.	MG/KG	2.67	.	27.75
1537	NICKEL	3	17090	19.10	.	MG/KG	2.95	.	17.30
1541	NICKEL	3	17091	26.00	.	MG/KG	3.26	.	5.00
1542	NICKEL	3	17089	26.70	.	MG/KG	3.28	.	76.80
1546	NICKEL	3	16804	23.60	.	MG/KG	3.16	.	22.60
1547	NICKEL	3	17070	18.60	.	MG/KG	2.92	.	45.10
1548	NICKEL	3	17067	18.30	.	MG/KG	2.91	.	18.10
1560	NICKEL	3	16883	52.30	.	MG/KG	3.96	.	71.40
1561	NICKEL	3	16891	27.30	.	MG/KG	3.31	.	2.20
1561	NICKEL	3	16892	25.40	.	MG/KG	3.23	.	68.30
1563	NICKEL	3	17143	.	37.80	MG/KG	.	3.63	2.65
1565	NICKEL	3	17057	.	58.70	MG/KG	.	4.07	0.75
1566	NICKEL	3		.	79.40	MG/KG	.	4.37	1.15

ANALYTE=NICKEL STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	NICKEL	4	16525	14.60	.	MG/KG	2.68	.	100.00
1363	NICKEL	4	16526	121.00	.	MG/KG	4.80	.	0.80
1388	NICKEL	4	16815	2.00	.	MG/KG	0.69	.	25.60
1389	NICKEL	4	16835	18.70	.	MG/KG	2.93	.	34.80
1401	NICKEL	4	16802	5.50	.	MG/KG	1.70	.	1.00
1407	NICKEL	4	16842	.	5.90	MG/KG	.	1.77	37.40
1408	NICKEL	4	16540	.	2.90	MG/KG	.	1.06	15.10
1414	NICKEL	4	16744	.	23.10	MG/KG	.	3.14	1.90
1415	NICKEL	4	16750	116.00	.	MG/KG	4.75	.	0.50
1417	NICKEL	4	16742	.	29.30	MG/KG	.	3.38	1.50
1420	NICKEL	4	16864	16.80	.	MG/KG	2.82	.	10.70
1427	NICKEL	4	16867	14.90	.	MG/KG	2.70	.	52.80
1430	NICKEL	4	16537	100.00	.	MG/KG	4.61	.	66.00
1431	NICKEL	4	16538	87.20	.	MG/KG	4.47	.	20.30
1432	NICKEL	4	16539	28.80	.	MG/KG	3.36	.	42.00
1441	NICKEL	4	16798	9.00	.	MG/KG	2.20	.	2.80

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=NICKEL STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1442	NICKEL	4	16797	9.50	.	MG/KG	2.25	.	64.00
1445	NICKEL	4	16871	.	26.00	MG/KG	.	3.26	1.70
1455	NICKEL	4	16837	40.20	.	MG/KG	3.69	.	44.80
1459	NICKEL	4	16747	.	55.00	MG/KG	.	4.01	0.80
1461	NICKEL	4	16852	.	95.70	MG/KG	.	4.56	0.23
1464	NICKEL	4	16876	378.00	.	MG/KG	5.93	.	19.10
1465	NICKEL	4	16877	471.00	.	MG/KG	6.15	.	4.80
1466	NICKEL	4	17026	.	31.90	MG/KG	.	3.46	2.30
1467	NICKEL	4	17030	.	36.70	MG/KG	.	3.60	1.20
1468	NICKEL	4	17151	13.20	.	MG/KG	2.58	.	39.50
1470	NICKEL	4	16880	.	36.70	MG/KG	.	3.60	1.20
1478	NICKEL	4	17060	.	21.60	MG/KG	.	3.07	3.40
1488	NICKEL	4	17029	19.10	.	MG/KG	2.95	.	62.40
1491	NICKEL	4	17011	.	91.70	MG/KG	.	4.52	0.48
1496	NICKEL	4	17075	.	29.30	MG/KG	.	3.38	2.50
1501	NICKEL	4	17074	.	11.70	MG/KG	.	2.46	9.40
1506	NICKEL	4	17153	5.20	.	MG/KG	1.65	.	37.50
1509	NICKEL	4	17042	10.00	.	MG/KG	2.30	.	47.60
1512	NICKEL	4	17138	34.20	.	MG/KG	3.53	.	14.30
1516	NICKEL	4	17004	.	44.00	MG/KG	.	3.78	1.00
1527	NICKEL	4	17040	5.10	.	MG/KG	1.63	.	72.70
1532	NICKEL	4	17007	54.50	.	MG/KG	4.00	.	41.90
1539	NICKEL	4		.	57.30	MG/KG	.	4.05	1.07
1549	NICKEL	4	17048	15.90	.	MG/KG	2.77	.	6.30
1551	NICKEL	4		76.60	80.10	MG/KG	4.34	4.38	0.60
1555	NICKEL	4	17035	25.40	.	MG/KG	3.23	.	5.10

ANALYTE=PCB-1016 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	PCB-1016	1	16821	.	213.28	UG/KG	.	5.36	11.90
1391	PCB-1016	1	16885	.	206.15	UG/KG	.	5.33	21.80
1419	PCB-1016	1	16739	.	153.02	UG/KG	.	5.03	44.00
1436	PCB-1016	1	17036	.	176.26	UG/KG	.	5.17	38.20
1436	PCB-1016	1	17145	.	167.09	UG/KG	.	5.12	39.90
1436	PCB-1016	1	17149	.	163.01	UG/KG	.	5.09	40.90
1437	PCB-1016	1	17033	.	211.17	UG/KG	.	5.35	16.30
1438	PCB-1016	1	17034	.	196.44	UG/KG	.	5.28	19.10
1451	PCB-1016	1	16887	.	302.73	UG/KG	.	5.71	1.10
1452	PCB-1016	1	16889	.	103.71	UG/KG	.	4.64	61.80
1452	PCB-1016	1	16890	.	104.84	UG/KG	.	4.65	63.40
1469	PCB-1016	1		.	210.63	UG/KG	.	5.35	23.90
1471	PCB-1016	1	17046	.	206.40	UG/KG	.	5.33	25.30
1471	PCB-1016	1	17052	.	203.59	UG/KG	.	5.32	20.90
1530	PCB-1016	1	17020	.	176.29	UG/KG	.	5.17	32.60
1530	PCB-1016	1	17038	.	210.86	UG/KG	.	5.35	9.30
1533	PCB-1016	1	17022	.	225.71	UG/KG	.	5.42	2.10
1534	PCB-1016	1	17081	.	89.77	UG/KG	.	4.50	75.00
1543	PCB-1016	1	17065	.	229.47	UG/KG	.	5.44	15.00
1543	PCB-1016	1	17130	.	130.73	UG/KG	.	4.87	50.50
1543	PCB-1016	1	17141	.	201.66	UG/KG	.	5.31	18.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1016 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1550	PCB-1016	1		.	130.85	UG/KG	.	4.87	10.40
1552	PCB-1016	1		.	239.21	UG/KG	.	5.48	3.80
1553	PCB-1016	1	16884	.	271.50	UG/KG	.	5.60	2.00
1556	PCB-1016	1	16896	.	305.00	UG/KG	.	5.72	1.80
1559	PCB-1016	1		.	196.45	UG/KG	.	5.28	8.45

ANALYTE=PCB-1016 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	PCB-1016	2	16527	.	225.47	UG/KG	.	5.42	19.20
1365	PCB-1016	2	16528	.	343.67	UG/KG	.	5.84	3.00
1366	PCB-1016	2	16814	.	218.56	UG/KG	.	5.39	25.00
1369	PCB-1016	2	16818	.	212.81	UG/KG	.	5.36	17.80
1380	PCB-1016	2		.	222.20	UG/KG	.	5.40	30.55
1390	PCB-1016	2	16834	.	182.14	UG/KG	.	5.20	32.20
1392	PCB-1016	2		.	131.83	UG/KG	.	4.88	21.55
1393	PCB-1016	2	16529	.	335.10	UG/KG	.	5.81	5.10
1399	PCB-1016	2		.	149.42	UG/KG	.	5.01	4.15
1400	PCB-1016	2	16810	.	191.74	UG/KG	.	5.26	2.30
1403	PCB-1016	2	16811	.	93.91	UG/KG	.	4.54	71.70
1410	PCB-1016	2	16833	.	126.07	UG/KG	.	4.84	30.80
1413	PCB-1016	2	17025	.	234.29	UG/KG	.	5.46	2.80
1413	PCB-1016	2	17061	.	202.76	UG/KG	.	5.31	18.10
1418	PCB-1016	2	16743	.	211.08	UG/KG	.	5.35	3.70
1421	PCB-1016	2		.	304.24	UG/KG	.	5.72	1.85
1422	PCB-1016	2	16831	.	249.51	UG/KG	.	5.52	18.30
1423	PCB-1016	2	16832	.	211.76	UG/KG	.	5.36	20.40
1424	PCB-1016	2	16799	.	241.12	UG/KG	.	5.49	14.30
1426	PCB-1016	2	16868	.	238.06	UG/KG	.	5.47	3.10
1429	PCB-1016	2		.	200.42	UG/KG	.	5.30	17.05
1443	PCB-1016	2	16823	.	240.45	UG/KG	.	5.48	4.40
1443	PCB-1016	2	16825	.	224.87	UG/KG	.	5.42	3.90
1447	PCB-1016	2		.	174.17	UG/KG	.	5.16	3.60
1453	PCB-1016	2	16888	.	208.39	UG/KG	.	5.34	18.60
1454	PCB-1016	2	16838	.	176.14	UG/KG	.	5.17	38.30
1454	PCB-1016	2	16839	.	147.95	UG/KG	.	5.00	20.00
1456	PCB-1016	2	17021	.	159.50	UG/KG	.	5.07	2.00
1460	PCB-1016	2	16879	.	180.36	UG/KG	.	5.19	33.20
1463	PCB-1016	2	16873	.	220.26	UG/KG	.	5.39	3.80
1463	PCB-1016	2	16874	.	69.12	UG/KG	.	4.24	63.60
1481	PCB-1016	2	17136	.	231.82	UG/KG	.	5.45	14.80
1482	PCB-1016	2		.	219.73	UG/KG	.	5.39	19.90
1484	PCB-1016	2	17024	.	223.57	UG/KG	.	5.41	21.00
1485	PCB-1016	2	17132	.	181.03	UG/KG	.	5.20	4.64
1485	PCB-1016	2	17133	.	218.55	UG/KG	.	5.39	15.20
1493	PCB-1016	2		.	81.60	UG/KG	.	4.40	82.80
1495	PCB-1016	2	17155	.	150.50	UG/KG	.	5.01	44.30
1499	PCB-1016	2	17019	.	199.80	UG/KG	.	5.30	4.90
1500	PCB-1016	2		.	216.39	UG/KG	.	5.38	20.05
1503	PCB-1016	2	17079	.	213.17	UG/KG	.	5.36	31.90
1510	PCB-1016	2	17072	.	262.83	UG/KG	.	5.57	10.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1016 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1514	PCB-1016	2	17085	.	445.64	UG/KG	.	6.10	11.00
1515	PCB-1016	2		.	72.04	UG/KG	.	4.28	94.30
1520	PCB-1016	2	16855	.	164.96	UG/KG	.	5.11	41.10
1521	PCB-1016	2	16860	.	185.36	UG/KG	.	5.22	19.20
1522	PCB-1016	2	16853	.	194.69	UG/KG	.	5.27	17.50
1523	PCB-1016	2		.	135.30	UG/KG	.	4.91	50.00
1524	PCB-1016	2	16854	.	196.50	UG/KG	.	5.28	26.30
1524	PCB-1016	2	16856	.	195.25	UG/KG	.	5.27	23.60
1529	PCB-1016	2	17086	.	189.69	UG/KG	.	5.25	13.00
1535	PCB-1016	2	17088	.	200.00	UG/KG	.	5.30	2.80
1538	PCB-1016	2	17087	.	93.65	UG/KG	.	4.54	70.50
1540	PCB-1016	2	17093	.	199.92	UG/KG	.	5.30	24.40
1544	PCB-1016	2	16803	.	195.47	UG/KG	.	5.28	20.30
1545	PCB-1016	2	16805	.	207.48	UG/KG	.	5.34	20.60
1554	PCB-1016	2	17066	.	85.58	UG/KG	.	4.45	77.90
1554	PCB-1016	2	17071	.	238.96	UG/KG	.	5.48	27.90
1558	PCB-1016	2	16801	.	204.03	UG/KG	.	5.32	14.90
1564	PCB-1016	2	17043	.	206.39	UG/KG	.	5.33	25.50
1564	PCB-1016	2	17049	.	134.25	UG/KG	.	4.90	48.70

ANALYTE=PCB-1016 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	PCB-1016	3	16532	.	90.91	UG/KG	.	4.51	5.50
1367	PCB-1016	3	16533	.	141.84	UG/KG	.	4.95	16.30
1367	PCB-1016	3	16534	.	75.67	UG/KG	.	4.33	89.60
1370	PCB-1016	3	16817	.	74.93	UG/KG	.	4.32	14.20
1381	PCB-1016	3	16819	.	147.06	UG/KG	.	4.99	3.40
1382	PCB-1016	3	16816	.	91.18	UG/KG	.	4.51	74.50
1384	PCB-1016	3	16536	.	204.61	UG/KG	.	5.32	33.20
1385	PCB-1016	3	16886	.	209.53	UG/KG	.	5.34	4.30
1395	PCB-1016	3	16861	.	252.61	UG/KG	.	5.53	2.30
1395	PCB-1016	3	16862	.	216.81	UG/KG	.	5.38	19.10
1396	PCB-1016	3	16830	.	225.62	UG/KG	.	5.42	3.20
1397	PCB-1016	3	16851	.	241.92	UG/KG	.	5.49	7.80
1402	PCB-1016	3	16809	.	255.71	UG/KG	.	5.54	1.40
1404	PCB-1016	3		.	451.17	UG/KG	.	6.11	2.00
1405	PCB-1016	3	16843	.	190.72	UG/KG	.	5.25	15.20
1405	PCB-1016	3	16844	.	125.63	UG/KG	.	4.83	53.80
1406	PCB-1016	3	16841	.	275.63	UG/KG	.	5.62	1.60
1409	PCB-1016	3		.	480.61	UG/KG	.	6.18	4.55
1411	PCB-1016	3	16826	.	83.72	UG/KG	.	4.43	80.90
1412	PCB-1016	3	16829	.	216.57	UG/KG	.	5.38	3.50
1416	PCB-1016	3		.	187.89	UG/KG	.	5.24	35.80
1425	PCB-1016	3	16878	.	203.08	UG/KG	.	5.31	19.50
1428	PCB-1016	3	16869	.	666.00	UG/KG	.	6.50	0.50
1433	PCB-1016	3	16800	.	75.92	UG/KG	.	4.33	89.30
1434	PCB-1016	3	16806	.	259.15	UG/KG	.	5.56	17.70
1435	PCB-1016	3	17016	.	102.95	UG/KG	.	4.63	65.40
1439	PCB-1016	3	17047	.	246.93	UG/KG	.	5.51	10.10
1440	PCB-1016	3	17050	.	213.25	UG/KG	.	5.36	19.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1016 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	PCB-1016	3	16745	.	104.95	UG/KG	.	4.65	62.60
1448	PCB-1016	3	16746	.	22.11	UG/KG	.	3.10	10.90
1449	PCB-1016	3		.	212.35	UG/KG	.	5.36	2.35
1462	PCB-1016	3	16849	.	287.22	UG/KG	.	5.66	7.20
1472	PCB-1016	3		.	214.26	UG/KG	.	5.37	20.45
1474	PCB-1016	3	17031	.	200.00	UG/KG	.	5.30	15.20
1475	PCB-1016	3	17028	.	217.17	UG/KG	.	5.38	30.70
1476	PCB-1016	3		.	220.24	UG/KG	.	5.39	23.50
1479	PCB-1016	3	17144	.	223.69	UG/KG	.	5.41	30.10
1479	PCB-1016	3	17150	.	263.07	UG/KG	.	5.57	1.76
1480	PCB-1016	3	17044	.	222.22	UG/KG	.	5.40	3.60
1486	PCB-1016	3	17131	.	215.00	UG/KG	.	5.37	2.60
1487	PCB-1016	3	17023	.	220.69	UG/KG	.	5.40	14.50
1489	PCB-1016	3	17041	.	108.01	UG/KG	.	4.68	34.10
1490	PCB-1016	3	17027	.	209.00	UG/KG	.	5.34	2.00
1492	PCB-1016	3	17010	.	111.84	UG/KG	.	4.72	60.20
1497	PCB-1016	3	17015	.	2105.26	UG/KG	.	7.65	0.19
1498	PCB-1016	3		.	189.07	UG/KG	.	5.24	4.50
1502	PCB-1016	3	17073	.	211.03	UG/KG	.	5.35	2.90
1504	PCB-1016	3	17078	.	306.45	UG/KG	.	5.73	0.93
1505	PCB-1016	3	17152	.	207.44	UG/KG	.	5.33	26.20
1507	PCB-1016	3	17154	.	100.04	UG/KG	.	4.61	67.30
1508	PCB-1016	3	17084	.	1017.41	UG/KG	.	6.93	2.70
1511	PCB-1016	3	17139	.	161.85	UG/KG	.	5.09	41.60
1513	PCB-1016	3	17083	.	248.06	UG/KG	.	5.51	1.29
1517	PCB-1016	3	17002	.	124.15	UG/KG	.	4.82	53.70
1518	PCB-1016	3	17003	.	103.14	UG/KG	.	4.64	65.60
1519	PCB-1016	3	17005	.	216.19	UG/KG	.	5.38	11.80
1525	PCB-1016	3	17001	.	114.86	UG/KG	.	4.74	59.20
1526	PCB-1016	3		.	189.82	UG/KG	.	5.25	27.75
1537	PCB-1016	3	17090	.	219.77	UG/KG	.	5.39	17.30
1541	PCB-1016	3	17091	.	214.00	UG/KG	.	5.37	5.00
1542	PCB-1016	3	17089	.	88.54	UG/KG	.	4.48	76.80
1546	PCB-1016	3	16804	.	205.80	UG/KG	.	5.33	22.60
1547	PCB-1016	3	17070	.	149.29	UG/KG	.	5.01	45.10
1548	PCB-1016	3	17067	.	233.59	UG/KG	.	5.45	18.10
1560	PCB-1016	3	16883	.	95.04	UG/KG	.	4.55	71.40
1561	PCB-1016	3	16891	.	218.64	UG/KG	.	5.39	2.20
1561	PCB-1016	3	16892	.	96.66	UG/KG	.	4.57	68.30
1563	PCB-1016	3	17143	.	329.43	UG/KG	.	5.80	2.65
1566	PCB-1016	3		.	223.45	UG/KG	.	5.41	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1016 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	PCB-1016	4	16525	.	66.67	UG/KG	.	4.20	100.00
1363	PCB-1016	4	16526	.	277.50	UG/KG	.	5.63	0.80
1388	PCB-1016	4	16815	.	15.63	UG/KG	.	2.75	25.60
1389	PCB-1016	4	16835	.	166.58	UG/KG	.	5.12	34.80
1401	PCB-1016	4	16802	.	342.00	UG/KG	.	5.83	1.00
1407	PCB-1016	4	16842	.	180.56	UG/KG	.	5.20	37.40
1408	PCB-1016	4	16540	.	32.32	UG/KG	.	3.48	15.10
1414	PCB-1016	4	16744	.	248.42	UG/KG	.	5.52	1.90
1415	PCB-1016	4	16750	.	444.00	UG/KG	.	6.10	0.50
1417	PCB-1016	4	16742	.	148.00	UG/KG	.	5.00	1.50
1420	PCB-1016	4	16864	.	209.07	UG/KG	.	5.34	10.70
1427	PCB-1016	4	16867	.	125.89	UG/KG	.	4.84	52.80
1430	PCB-1016	4	16537	.	102.32	UG/KG	.	4.63	66.00
1431	PCB-1016	4	16538	.	186.26	UG/KG	.	5.23	20.30
1432	PCB-1016	4	16539	.	160.31	UG/KG	.	5.08	42.00
1441	PCB-1016	4	16798	.	183.57	UG/KG	.	5.21	2.80
1442	PCB-1016	4	16797	.	104.06	UG/KG	.	4.64	64.00
1445	PCB-1016	4	16871	.	351.18	UG/KG	.	5.86	1.70
1455	PCB-1016	4	16837	.	151.34	UG/KG	.	5.02	44.80
1459	PCB-1016	4	16747	.	333.75	UG/KG	.	5.81	0.80
1461	PCB-1016	4	16852	.	1739.13	UG/KG	.	7.46	0.23
1464	PCB-1016	4	16876	.	331.47	UG/KG	.	5.80	19.10
1465	PCB-1016	4	16877	.	150.42	UG/KG	.	5.01	4.80
1466	PCB-1016	4	17026	.	233.91	UG/KG	.	5.45	2.30
1467	PCB-1016	4	17030	.	419.17	UG/KG	.	6.04	1.20
1468	PCB-1016	4	17151	.	168.78	UG/KG	.	5.13	39.50
1470	PCB-1016	4	16880	.	200.00	UG/KG	.	5.30	1.20
1478	PCB-1016	4	17060	.	111.76	UG/KG	.	4.72	3.40
1488	PCB-1016	4	17029	.	108.97	UG/KG	.	4.69	62.40
1491	PCB-1016	4	17011	.	833.33	UG/KG	.	6.73	0.48
1496	PCB-1016	4	17075	.	186.40	UG/KG	.	5.23	2.50
1501	PCB-1016	4	17074	.	191.70	UG/KG	.	5.26	9.40
1506	PCB-1016	4	17153	.	167.89	UG/KG	.	5.12	37.50
1509	PCB-1016	4	17042	.	142.86	UG/KG	.	4.96	47.60
1512	PCB-1016	4	17138	.	253.36	UG/KG	.	5.53	14.30
1516	PCB-1016	4	17004	.	267.00	UG/KG	.	5.59	1.00
1527	PCB-1016	4	17040	.	87.41	UG/KG	.	4.47	72.70
1532	PCB-1016	4	17007	.	160.53	UG/KG	.	5.08	41.90
1539	PCB-1016	4		.	215.37	UG/KG	.	5.37	1.07
1549	PCB-1016	4	17048	.	197.14	UG/KG	.	5.28	6.30
1551	PCB-1016	4		.	428.33	UG/KG	.	6.06	0.60
1555	PCB-1016	4	17035	.	246.67	UG/KG	.	5.51	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1221 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	PCB-1221	1	16821	.	213.28	UG/KG	.	5.36	11.90
1391	PCB-1221	1	16885	.	206.15	UG/KG	.	5.33	21.80
1419	PCB-1221	1	16739	.	153.02	UG/KG	.	5.03	44.00
1436	PCB-1221	1	17036	.	176.26	UG/KG	.	5.17	38.20
1436	PCB-1221	1	17145	.	167.09	UG/KG	.	5.12	39.90
1436	PCB-1221	1	17149	.	163.01	UG/KG	.	5.09	40.90
1437	PCB-1221	1	17033	.	211.17	UG/KG	.	5.35	16.30
1438	PCB-1221	1	17034	.	196.44	UG/KG	.	5.28	19.10
1451	PCB-1221	1	16887	.	302.73	UG/KG	.	5.71	1.10
1452	PCB-1221	1	16889	.	103.71	UG/KG	.	4.64	61.80
1452	PCB-1221	1	16890	.	104.84	UG/KG	.	4.65	63.40
1469	PCB-1221	1		.	210.63	UG/KG	.	5.35	23.90
1471	PCB-1221	1	17046	.	206.40	UG/KG	.	5.33	25.30
1471	PCB-1221	1	17052	.	203.59	UG/KG	.	5.32	20.90
1530	PCB-1221	1	17020	.	176.29	UG/KG	.	5.17	32.60
1530	PCB-1221	1	17038	.	210.86	UG/KG	.	5.35	9.30
1533	PCB-1221	1	17022	.	225.71	UG/KG	.	5.42	2.10
1534	PCB-1221	1	17081	.	89.77	UG/KG	.	4.50	75.00
1543	PCB-1221	1	17065	.	229.47	UG/KG	.	5.44	15.00
1543	PCB-1221	1	17130	.	130.73	UG/KG	.	4.87	50.50
1543	PCB-1221	1	17141	.	201.66	UG/KG	.	5.31	18.10
1550	PCB-1221	1		.	130.85	UG/KG	.	4.87	10.40
1552	PCB-1221	1		.	239.21	UG/KG	.	5.48	3.80
1553	PCB-1221	1	16884	.	271.50	UG/KG	.	5.60	2.00
1556	PCB-1221	1	16896	.	305.00	UG/KG	.	5.72	1.80
1559	PCB-1221	1		.	196.45	UG/KG	.	5.28	8.45

ANALYTE=PCB-1221 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	PCB-1221	2	16527	.	225.47	UG/KG	.	5.42	19.20
1365	PCB-1221	2	16528	.	343.67	UG/KG	.	5.84	3.00
1366	PCB-1221	2	16814	.	218.56	UG/KG	.	5.39	25.00
1369	PCB-1221	2	16818	.	212.81	UG/KG	.	5.36	17.80
1380	PCB-1221	2		.	222.20	UG/KG	.	5.40	30.55
1390	PCB-1221	2	16834	.	182.14	UG/KG	.	5.20	32.20
1392	PCB-1221	2		.	131.83	UG/KG	.	4.88	21.55
1393	PCB-1221	2	16529	.	335.10	UG/KG	.	5.81	5.10
1399	PCB-1221	2		.	149.42	UG/KG	.	5.01	4.15
1400	PCB-1221	2	16810	.	191.74	UG/KG	.	5.26	2.30
1403	PCB-1221	2	16811	.	93.91	UG/KG	.	4.54	71.70
1410	PCB-1221	2	16833	.	126.07	UG/KG	.	4.84	30.80
1413	PCB-1221	2	17025	.	234.29	UG/KG	.	5.46	2.80
1413	PCB-1221	2	17061	.	202.76	UG/KG	.	5.31	18.10
1418	PCB-1221	2	16743	.	211.08	UG/KG	.	5.35	3.70
1421	PCB-1221	2		.	304.24	UG/KG	.	5.72	1.85
1422	PCB-1221	2	16831	.	249.51	UG/KG	.	5.52	18.30
1423	PCB-1221	2	16832	.	211.76	UG/KG	.	5.36	20.40
1424	PCB-1221	2	16799	.	241.12	UG/KG	.	5.49	14.30
1426	PCB-1221	2	16868	.	238.06	UG/KG	.	5.47	3.10
1429	PCB-1221	2		.	200.42	UG/KG	.	5.30	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=PCB-1221 STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	PCB-1221	2	16823	.	240.45	UG/KG	.	5.48	4.40
1443	PCB-1221	2	16825	.	224.87	UG/KG	.	5.42	3.90
1447	PCB-1221	2		.	174.17	UG/KG	.	5.16	3.60
1453	PCB-1221	2	16888	.	208.39	UG/KG	.	5.34	18.60
1454	PCB-1221	2	16838	.	176.14	UG/KG	.	5.17	38.30
1454	PCB-1221	2	16839	.	147.95	UG/KG	.	5.00	20.00
1456	PCB-1221	2	17021	.	159.50	UG/KG	.	5.07	2.00
1460	PCB-1221	2	16879	.	180.36	UG/KG	.	5.19	33.20
1463	PCB-1221	2	16873	.	220.26	UG/KG	.	5.39	3.80
1463	PCB-1221	2	16874	.	69.12	UG/KG	.	4.24	63.60
1481	PCB-1221	2	17136	.	231.82	UG/KG	.	5.45	14.80
1482	PCB-1221	2		.	219.73	UG/KG	.	5.39	19.90
1484	PCB-1221	2	17024	.	223.57	UG/KG	.	5.41	21.00
1485	PCB-1221	2	17132	.	181.03	UG/KG	.	5.20	4.64
1485	PCB-1221	2	17133	.	218.55	UG/KG	.	5.39	15.20
1493	PCB-1221	2		.	81.60	UG/KG	.	4.40	82.80
1495	PCB-1221	2	17155	.	150.50	UG/KG	.	5.01	44.30
1499	PCB-1221	2	17019	.	199.80	UG/KG	.	5.30	4.90
1500	PCB-1221	2		.	216.39	UG/KG	.	5.38	20.05
1503	PCB-1221	2	17079	.	213.17	UG/KG	.	5.36	31.90
1510	PCB-1221	2	17072	.	262.83	UG/KG	.	5.57	10.60
1514	PCB-1221	2	17085	.	445.64	UG/KG	.	6.10	11.00
1515	PCB-1221	2		.	72.04	UG/KG	.	4.28	94.30
1520	PCB-1221	2	16855	.	164.96	UG/KG	.	5.11	41.10
1521	PCB-1221	2	16860	.	185.36	UG/KG	.	5.22	19.20
1522	PCB-1221	2	16853	.	194.69	UG/KG	.	5.27	17.50
1523	PCB-1221	2		.	135.30	UG/KG	.	4.91	50.00
1524	PCB-1221	2	16854	.	196.50	UG/KG	.	5.28	26.30
1524	PCB-1221	2	16856	.	195.25	UG/KG	.	5.27	23.60
1529	PCB-1221	2	17086	.	189.69	UG/KG	.	5.25	13.00
1535	PCB-1221	2	17088	.	200.00	UG/KG	.	5.30	2.80
1538	PCB-1221	2	17087	.	93.65	UG/KG	.	4.54	70.50
1540	PCB-1221	2	17093	.	199.92	UG/KG	.	5.30	24.40
1544	PCB-1221	2	16803	.	195.47	UG/KG	.	5.28	20.30
1545	PCB-1221	2	16805	.	207.48	UG/KG	.	5.34	20.60
1554	PCB-1221	2	17066	.	85.58	UG/KG	.	4.45	77.90
1554	PCB-1221	2	17071	.	238.96	UG/KG	.	5.48	27.90
1558	PCB-1221	2	16801	.	204.03	UG/KG	.	5.32	14.90
1564	PCB-1221	2	17043	.	206.39	UG/KG	.	5.33	25.50
1564	PCB-1221	2	17049	.	134.25	UG/KG	.	4.90	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=PCB-1221 STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	PCB-1221	3	16532	.	90.91	UG/KG	.	4.51	5.50
1367	PCB-1221	3	16533	.	141.84	UG/KG	.	4.95	16.30
1367	PCB-1221	3	16534	.	75.67	UG/KG	.	4.33	89.60
1370	PCB-1221	3	16817	.	74.93	UG/KG	.	4.32	14.20
1381	PCB-1221	3	16819	.	147.06	UG/KG	.	4.99	3.40
1382	PCB-1221	3	16816	.	91.18	UG/KG	.	4.51	74.50
1384	PCB-1221	3	16536	.	204.61	UG/KG	.	5.32	33.20
1385	PCB-1221	3	16886	.	209.53	UG/KG	.	5.34	4.30
1395	PCB-1221	3	16861	.	252.61	UG/KG	.	5.53	2.30
1395	PCB-1221	3	16862	.	216.81	UG/KG	.	5.38	19.10
1396	PCB-1221	3	16830	.	225.62	UG/KG	.	5.42	3.20
1397	PCB-1221	3	16851	.	241.92	UG/KG	.	5.49	7.80
1402	PCB-1221	3	16809	.	255.71	UG/KG	.	5.54	1.40
1404	PCB-1221	3		.	451.17	UG/KG	.	6.11	2.00
1405	PCB-1221	3	16843	.	190.72	UG/KG	.	5.25	15.20
1405	PCB-1221	3	16844	.	125.63	UG/KG	.	4.83	53.80
1406	PCB-1221	3	16841	.	275.63	UG/KG	.	5.62	1.60
1409	PCB-1221	3		.	480.61	UG/KG	.	6.18	4.55
1411	PCB-1221	3	16826	.	83.72	UG/KG	.	4.43	80.90
1412	PCB-1221	3	16829	.	216.57	UG/KG	.	5.38	3.50
1416	PCB-1221	3		.	187.89	UG/KG	.	5.24	35.80
1425	PCB-1221	3	16878	.	203.08	UG/KG	.	5.31	19.50
1428	PCB-1221	3	16869	.	666.00	UG/KG	.	6.50	0.50
1433	PCB-1221	3	16800	.	75.92	UG/KG	.	4.33	89.30
1434	PCB-1221	3	16806	.	259.15	UG/KG	.	5.56	17.70
1435	PCB-1221	3	17016	.	102.95	UG/KG	.	4.63	65.40
1439	PCB-1221	3	17047	.	246.93	UG/KG	.	5.51	10.10
1440	PCB-1221	3	17050	.	213.25	UG/KG	.	5.36	19.10
1448	PCB-1221	3	16745	.	104.95	UG/KG	.	4.65	62.60
1448	PCB-1221	3	16746	.	22.11	UG/KG	.	3.10	10.90
1449	PCB-1221	3		.	212.35	UG/KG	.	5.36	2.35
1462	PCB-1221	3	16849	.	287.22	UG/KG	.	5.66	7.20
1472	PCB-1221	3		.	214.26	UG/KG	.	5.37	20.45
1474	PCB-1221	3	17031	.	200.00	UG/KG	.	5.30	15.20
1475	PCB-1221	3	17028	.	217.17	UG/KG	.	5.38	30.70
1476	PCB-1221	3		.	220.24	UG/KG	.	5.39	23.50
1479	PCB-1221	3	17144	.	223.69	UG/KG	.	5.41	30.10
1479	PCB-1221	3	17150	.	263.07	UG/KG	.	5.57	1.76
1480	PCB-1221	3	17044	.	222.22	UG/KG	.	5.40	3.60
1486	PCB-1221	3	17131	.	215.00	UG/KG	.	5.37	2.60
1487	PCB-1221	3	17023	.	220.69	UG/KG	.	5.40	14.50
1489	PCB-1221	3	17041	.	108.01	UG/KG	.	4.68	34.10
1490	PCB-1221	3	17027	.	209.00	UG/KG	.	5.34	2.00
1492	PCB-1221	3	17010	.	111.84	UG/KG	.	4.72	60.20
1497	PCB-1221	3	17015	.	2105.26	UG/KG	.	7.65	0.19
1498	PCB-1221	3		.	189.07	UG/KG	.	5.24	4.50
1502	PCB-1221	3	17073	.	211.03	UG/KG	.	5.35	2.90
1504	PCB-1221	3	17078	.	306.45	UG/KG	.	5.73	0.93
1505	PCB-1221	3	17152	.	207.44	UG/KG	.	5.33	26.20
1507	PCB-1221	3	17154	.	100.04	UG/KG	.	4.61	67.30
1508	PCB-1221	3	17084	.	1017.41	UG/KG	.	6.93	2.70
1511	PCB-1221	3	17139	.	161.85	UG/KG	.	5.09	41.60
1513	PCB-1221	3	17083	.	248.06	UG/KG	.	5.51	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1221 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	PCB-1221	3	17002	.	124.15	UG/KG	.	4.82	53.70
1518	PCB-1221	3	17003	.	103.14	UG/KG	.	4.64	65.60
1519	PCB-1221	3	17005	.	216.19	UG/KG	.	5.38	11.80
1525	PCB-1221	3	17001	.	114.86	UG/KG	.	4.74	59.20
1526	PCB-1221	3		.	189.82	UG/KG	.	5.25	27.75
1537	PCB-1221	3	17090	.	219.77	UG/KG	.	5.39	17.30
1541	PCB-1221	3	17091	.	214.00	UG/KG	.	5.37	5.00
1542	PCB-1221	3	17089	.	88.54	UG/KG	.	4.48	76.80
1546	PCB-1221	3	16804	.	205.80	UG/KG	.	5.33	22.60
1547	PCB-1221	3	17070	.	149.29	UG/KG	.	5.01	45.10
1548	PCB-1221	3	17067	.	233.59	UG/KG	.	5.45	18.10
1560	PCB-1221	3	16883	.	95.04	UG/KG	.	4.55	71.40
1561	PCB-1221	3	16891	.	218.64	UG/KG	.	5.39	2.20
1561	PCB-1221	3	16892	.	96.66	UG/KG	.	4.57	68.30
1563	PCB-1221	3	17143	.	329.43	UG/KG	.	5.80	2.65
1566	PCB-1221	3		.	223.45	UG/KG	.	5.41	1.15

ANALYTE=PCB-1221 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	PCB-1221	4	16525	.	66.67	UG/KG	.	4.20	100.00
1363	PCB-1221	4	16526	.	277.50	UG/KG	.	5.63	0.80
1388	PCB-1221	4	16815	.	15.63	UG/KG	.	2.75	25.60
1389	PCB-1221	4	16835	.	166.58	UG/KG	.	5.12	34.80
1401	PCB-1221	4	16802	.	342.00	UG/KG	.	5.83	1.00
1407	PCB-1221	4	16842	.	180.56	UG/KG	.	5.20	37.40
1408	PCB-1221	4	16540	.	32.32	UG/KG	.	3.48	15.10
1414	PCB-1221	4	16744	.	248.42	UG/KG	.	5.52	1.90
1415	PCB-1221	4	16750	.	444.00	UG/KG	.	6.10	0.50
1417	PCB-1221	4	16742	.	148.00	UG/KG	.	5.00	1.50
1420	PCB-1221	4	16864	.	209.07	UG/KG	.	5.34	10.70
1427	PCB-1221	4	16867	.	125.89	UG/KG	.	4.84	52.80
1430	PCB-1221	4	16537	.	102.32	UG/KG	.	4.63	66.00
1431	PCB-1221	4	16538	.	186.26	UG/KG	.	5.23	20.30
1432	PCB-1221	4	16539	.	160.31	UG/KG	.	5.08	42.00
1441	PCB-1221	4	16798	.	183.57	UG/KG	.	5.21	2.80
1442	PCB-1221	4	16797	.	104.06	UG/KG	.	4.64	64.00
1445	PCB-1221	4	16871	.	351.18	UG/KG	.	5.86	1.70
1455	PCB-1221	4	16837	.	151.34	UG/KG	.	5.02	44.80
1459	PCB-1221	4	16747	.	333.75	UG/KG	.	5.81	0.80
1461	PCB-1221	4	16852	.	1739.13	UG/KG	.	7.46	0.23
1464	PCB-1221	4	16876	.	331.47	UG/KG	.	5.80	19.10
1465	PCB-1221	4	16877	.	150.42	UG/KG	.	5.01	4.80
1466	PCB-1221	4	17026	.	233.91	UG/KG	.	5.45	2.30
1467	PCB-1221	4	17030	.	419.17	UG/KG	.	6.04	1.20
1468	PCB-1221	4	17151	.	168.78	UG/KG	.	5.13	39.50
1470	PCB-1221	4	16880	.	200.00	UG/KG	.	5.30	1.20
1478	PCB-1221	4	17060	.	111.76	UG/KG	.	4.72	3.40
1488	PCB-1221	4	17029	.	108.97	UG/KG	.	4.69	62.40
1491	PCB-1221	4	17011	.	833.33	UG/KG	.	6.73	0.48
1496	PCB-1221	4	17075	.	186.40	UG/KG	.	5.23	2.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1221 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1501	PCB-1221	4	17074	.	191.70	UG/KG	.	5.26	9.40
1506	PCB-1221	4	17153	.	167.89	UG/KG	.	5.12	37.50
1509	PCB-1221	4	17042	.	142.86	UG/KG	.	4.96	47.60
1512	PCB-1221	4	17138	.	253.36	UG/KG	.	5.53	14.30
1516	PCB-1221	4	17004	.	267.00	UG/KG	.	5.59	1.00
1527	PCB-1221	4	17040	.	87.41	UG/KG	.	4.47	72.70
1532	PCB-1221	4	17007	.	160.53	UG/KG	.	5.08	41.90
1539	PCB-1221	4		.	215.37	UG/KG	.	5.37	1.07
1549	PCB-1221	4	17048	.	197.14	UG/KG	.	5.28	6.30
1551	PCB-1221	4		.	428.33	UG/KG	.	6.06	0.60
1555	PCB-1221	4	17035	.	246.67	UG/KG	.	5.51	5.10

ANALYTE=PCB-1232 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	PCB-1232	1	16821	.	213.28	UG/KG	.	5.36	11.90
1391	PCB-1232	1	16885	.	206.15	UG/KG	.	5.33	21.80
1419	PCB-1232	1	16739	.	153.02	UG/KG	.	5.03	44.00
1436	PCB-1232	1	17036	.	176.26	UG/KG	.	5.17	38.20
1436	PCB-1232	1	17145	.	167.09	UG/KG	.	5.12	39.90
1436	PCB-1232	1	17149	.	163.01	UG/KG	.	5.09	40.90
1437	PCB-1232	1	17033	.	211.17	UG/KG	.	5.35	16.30
1438	PCB-1232	1	17034	.	196.44	UG/KG	.	5.28	19.10
1451	PCB-1232	1	16887	.	302.73	UG/KG	.	5.71	1.10
1452	PCB-1232	1	16889	.	103.71	UG/KG	.	4.64	61.80
1452	PCB-1232	1	16890	.	104.84	UG/KG	.	4.65	63.40
1469	PCB-1232	1		.	210.63	UG/KG	.	5.35	23.90
1471	PCB-1232	1	17046	.	206.40	UG/KG	.	5.33	25.30
1471	PCB-1232	1	17052	.	203.59	UG/KG	.	5.32	20.90
1530	PCB-1232	1	17020	.	176.29	UG/KG	.	5.17	32.60
1530	PCB-1232	1	17038	.	210.86	UG/KG	.	5.35	9.30
1533	PCB-1232	1	17022	.	225.71	UG/KG	.	5.42	2.10
1534	PCB-1232	1	17081	.	89.77	UG/KG	.	4.50	75.00
1543	PCB-1232	1	17065	.	229.47	UG/KG	.	5.44	15.00
1543	PCB-1232	1	17130	.	130.73	UG/KG	.	4.87	50.50
1543	PCB-1232	1	17141	.	201.66	UG/KG	.	5.31	18.10
1550	PCB-1232	1		.	130.85	UG/KG	.	4.87	10.40
1552	PCB-1232	1		.	239.21	UG/KG	.	5.48	3.80
1553	PCB-1232	1	16884	.	271.50	UG/KG	.	5.60	2.00
1556	PCB-1232	1	16896	.	305.00	UG/KG	.	5.72	1.80
1559	PCB-1232	1		.	196.45	UG/KG	.	5.28	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1232 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	PCB-1232	2	16527	.	225.47	UG/KG	.	5.42	19.20
1365	PCB-1232	2	16528	.	343.67	UG/KG	.	5.84	3.00
1366	PCB-1232	2	16814	.	218.56	UG/KG	.	5.39	25.00
1369	PCB-1232	2	16818	.	212.81	UG/KG	.	5.36	17.80
1380	PCB-1232	2		.	222.20	UG/KG	.	5.40	30.55
1390	PCB-1232	2	16834	.	182.14	UG/KG	.	5.20	32.20
1392	PCB-1232	2		.	131.83	UG/KG	.	4.88	21.55
1393	PCB-1232	2	16529	.	335.10	UG/KG	.	5.81	5.10
1399	PCB-1232	2		.	149.42	UG/KG	.	5.01	4.15
1400	PCB-1232	2	16810	.	191.74	UG/KG	.	5.26	2.30
1403	PCB-1232	2	16811	.	93.91	UG/KG	.	4.54	71.70
1410	PCB-1232	2	16833	.	126.07	UG/KG	.	4.84	30.80
1413	PCB-1232	2	17025	.	234.29	UG/KG	.	5.46	2.80
1413	PCB-1232	2	17061	.	202.76	UG/KG	.	5.31	18.10
1418	PCB-1232	2	16743	.	211.08	UG/KG	.	5.35	3.70
1421	PCB-1232	2		.	304.24	UG/KG	.	5.72	1.85
1422	PCB-1232	2	16831	.	249.51	UG/KG	.	5.52	18.30
1423	PCB-1232	2	16832	.	211.76	UG/KG	.	5.36	20.40
1424	PCB-1232	2	16799	.	241.12	UG/KG	.	5.49	14.30
1426	PCB-1232	2	16868	.	238.06	UG/KG	.	5.47	3.10
1429	PCB-1232	2		.	200.42	UG/KG	.	5.30	17.05
1443	PCB-1232	2	16823	.	240.45	UG/KG	.	5.48	4.40
1443	PCB-1232	2	16825	.	224.87	UG/KG	.	5.42	3.90
1447	PCB-1232	2		.	174.17	UG/KG	.	5.16	3.60
1453	PCB-1232	2	16888	.	208.39	UG/KG	.	5.34	18.60
1454	PCB-1232	2	16838	.	176.14	UG/KG	.	5.17	38.30
1454	PCB-1232	2	16839	.	147.95	UG/KG	.	5.00	20.00
1456	PCB-1232	2	17021	.	159.50	UG/KG	.	5.07	2.00
1460	PCB-1232	2	16879	.	180.36	UG/KG	.	5.19	33.20
1463	PCB-1232	2	16873	.	220.26	UG/KG	.	5.39	3.80
1463	PCB-1232	2	16874	.	69.12	UG/KG	.	4.24	63.60
1481	PCB-1232	2	17136	.	231.82	UG/KG	.	5.45	14.80
1482	PCB-1232	2		.	219.73	UG/KG	.	5.39	19.90
1484	PCB-1232	2	17024	.	223.57	UG/KG	.	5.41	21.00
1485	PCB-1232	2	17132	.	181.03	UG/KG	.	5.20	4.64
1485	PCB-1232	2	17133	.	218.55	UG/KG	.	5.39	15.20
1493	PCB-1232	2		.	81.60	UG/KG	.	4.40	82.80
1495	PCB-1232	2	17155	.	150.50	UG/KG	.	5.01	44.30
1499	PCB-1232	2	17019	.	199.80	UG/KG	.	5.30	4.90
1500	PCB-1232	2		.	216.39	UG/KG	.	5.38	20.05
1503	PCB-1232	2	17079	.	213.17	UG/KG	.	5.36	31.90
1510	PCB-1232	2	17072	.	262.83	UG/KG	.	5.57	10.60
1514	PCB-1232	2	17085	.	445.64	UG/KG	.	6.10	11.00
1515	PCB-1232	2		.	72.04	UG/KG	.	4.28	94.30
1520	PCB-1232	2	16855	.	164.96	UG/KG	.	5.11	41.10
1521	PCB-1232	2	16860	.	185.36	UG/KG	.	5.22	19.20
1522	PCB-1232	2	16853	.	194.69	UG/KG	.	5.27	17.50
1523	PCB-1232	2		.	135.30	UG/KG	.	4.91	50.00
1524	PCB-1232	2	16854	.	196.50	UG/KG	.	5.28	26.30
1524	PCB-1232	2	16856	.	195.25	UG/KG	.	5.27	23.60
1529	PCB-1232	2	17086	.	189.69	UG/KG	.	5.25	13.00
1535	PCB-1232	2	17088	.	200.00	UG/KG	.	5.30	2.80
1538	PCB-1232	2	17087	.	93.65	UG/KG	.	4.54	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1232 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	PCB-1232	2	17093	.	199.92	UG/KG	.	5.30	24.40
1544	PCB-1232	2	16803	.	195.47	UG/KG	.	5.28	20.30
1545	PCB-1232	2	16805	.	207.48	UG/KG	.	5.34	20.60
1554	PCB-1232	2	17066	.	85.58	UG/KG	.	4.45	77.90
1554	PCB-1232	2	17071	.	238.96	UG/KG	.	5.48	27.90
1558	PCB-1232	2	16801	.	204.03	UG/KG	.	5.32	14.90
1564	PCB-1232	2	17043	.	206.39	UG/KG	.	5.33	25.50
1564	PCB-1232	2	17049	.	134.25	UG/KG	.	4.90	48.70

ANALYTE=PCB-1232 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	PCB-1232	3	16532	.	90.91	UG/KG	.	4.51	5.50
1367	PCB-1232	3	16533	.	141.84	UG/KG	.	4.95	16.30
1367	PCB-1232	3	16534	.	75.67	UG/KG	.	4.33	89.60
1370	PCB-1232	3	16817	.	74.93	UG/KG	.	4.32	14.20
1381	PCB-1232	3	16819	.	147.06	UG/KG	.	4.99	3.40
1382	PCB-1232	3	16816	.	91.18	UG/KG	.	4.51	74.50
1384	PCB-1232	3	16536	.	204.61	UG/KG	.	5.32	33.20
1385	PCB-1232	3	16886	.	209.53	UG/KG	.	5.34	4.30
1395	PCB-1232	3	16861	.	252.61	UG/KG	.	5.53	2.30
1395	PCB-1232	3	16862	.	216.81	UG/KG	.	5.38	19.10
1396	PCB-1232	3	16830	.	225.62	UG/KG	.	5.42	3.20
1397	PCB-1232	3	16851	.	241.92	UG/KG	.	5.49	7.80
1402	PCB-1232	3	16809	.	255.71	UG/KG	.	5.54	1.40
1404	PCB-1232	3		.	451.17	UG/KG	.	6.11	2.00
1405	PCB-1232	3	16843	.	190.72	UG/KG	.	5.25	15.20
1405	PCB-1232	3	16844	.	125.63	UG/KG	.	4.83	53.80
1406	PCB-1232	3	16841	.	275.63	UG/KG	.	5.62	1.60
1409	PCB-1232	3		.	480.61	UG/KG	.	6.18	4.55
1411	PCB-1232	3	16826	.	83.72	UG/KG	.	4.43	80.90
1412	PCB-1232	3	16829	.	216.57	UG/KG	.	5.38	3.50
1416	PCB-1232	3		.	187.89	UG/KG	.	5.24	35.80
1425	PCB-1232	3	16878	.	203.08	UG/KG	.	5.31	19.50
1428	PCB-1232	3	16869	.	666.00	UG/KG	.	6.50	0.50
1433	PCB-1232	3	16800	.	75.92	UG/KG	.	4.33	89.30
1434	PCB-1232	3	16806	.	259.15	UG/KG	.	5.56	17.70
1435	PCB-1232	3	17016	.	102.95	UG/KG	.	4.63	65.40
1439	PCB-1232	3	17047	.	246.93	UG/KG	.	5.51	10.10
1440	PCB-1232	3	17050	.	213.25	UG/KG	.	5.36	19.10
1448	PCB-1232	3	16745	.	104.95	UG/KG	.	4.65	62.60
1448	PCB-1232	3	16746	.	22.11	UG/KG	.	3.10	10.90
1449	PCB-1232	3		.	212.35	UG/KG	.	5.36	2.35
1462	PCB-1232	3	16849	.	287.22	UG/KG	.	5.66	7.20
1472	PCB-1232	3		.	214.26	UG/KG	.	5.37	20.45
1474	PCB-1232	3	17031	.	200.00	UG/KG	.	5.30	15.20
1475	PCB-1232	3	17028	.	217.17	UG/KG	.	5.38	30.70
1476	PCB-1232	3		.	220.24	UG/KG	.	5.39	23.50
1479	PCB-1232	3	17144	.	223.69	UG/KG	.	5.41	30.10
1479	PCB-1232	3	17150	.	263.07	UG/KG	.	5.57	1.76
1480	PCB-1232	3	17044	.	222.22	UG/KG	.	5.40	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1232 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	PCB-1232	3	17131	.	215.00	UG/KG	.	5.37	2.60
1487	PCB-1232	3	17023	.	220.69	UG/KG	.	5.40	14.50
1489	PCB-1232	3	17041	.	108.01	UG/KG	.	4.68	34.10
1490	PCB-1232	3	17027	.	209.00	UG/KG	.	5.34	2.00
1492	PCB-1232	3	17010	.	111.84	UG/KG	.	4.72	60.20
1497	PCB-1232	3	17015	.	2105.26	UG/KG	.	7.65	0.19
1498	PCB-1232	3		.	189.07	UG/KG	.	5.24	4.50
1502	PCB-1232	3	17073	.	211.03	UG/KG	.	5.35	2.90
1504	PCB-1232	3	17078	.	306.45	UG/KG	.	5.73	0.93
1505	PCB-1232	3	17152	.	207.44	UG/KG	.	5.33	26.20
1507	PCB-1232	3	17154	.	100.04	UG/KG	.	4.61	67.30
1508	PCB-1232	3	17084	.	1017.41	UG/KG	.	6.93	2.70
1511	PCB-1232	3	17139	.	161.85	UG/KG	.	5.09	41.60
1513	PCB-1232	3	17083	.	248.06	UG/KG	.	5.51	1.29
1517	PCB-1232	3	17002	.	124.15	UG/KG	.	4.82	53.70
1518	PCB-1232	3	17003	.	103.14	UG/KG	.	4.64	65.60
1519	PCB-1232	3	17005	.	216.19	UG/KG	.	5.38	11.80
1525	PCB-1232	3	17001	.	114.86	UG/KG	.	4.74	59.20
1526	PCB-1232	3		.	189.82	UG/KG	.	5.25	27.75
1537	PCB-1232	3	17090	.	219.77	UG/KG	.	5.39	17.30
1541	PCB-1232	3	17091	.	214.00	UG/KG	.	5.37	5.00
1542	PCB-1232	3	17089	.	88.54	UG/KG	.	4.48	76.80
1546	PCB-1232	3	16804	.	205.80	UG/KG	.	5.33	22.60
1547	PCB-1232	3	17070	.	149.29	UG/KG	.	5.01	45.10
1548	PCB-1232	3	17067	.	233.59	UG/KG	.	5.45	18.10
1560	PCB-1232	3	16883	.	95.04	UG/KG	.	4.55	71.40
1561	PCB-1232	3	16891	.	218.64	UG/KG	.	5.39	2.20
1561	PCB-1232	3	16892	.	96.66	UG/KG	.	4.57	68.30
1563	PCB-1232	3	17143	.	329.43	UG/KG	.	5.80	2.65
1566	PCB-1232	3		.	223.45	UG/KG	.	5.41	1.15

ANALYTE=PCB-1232 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	PCB-1232	4	16525	.	66.67	UG/KG	.	4.20	100.00
1363	PCB-1232	4	16526	.	277.50	UG/KG	.	5.63	0.80
1388	PCB-1232	4	16815	.	15.63	UG/KG	.	2.75	25.60
1389	PCB-1232	4	16835	.	166.58	UG/KG	.	5.12	34.80
1401	PCB-1232	4	16802	.	342.00	UG/KG	.	5.83	1.00
1407	PCB-1232	4	16842	.	180.56	UG/KG	.	5.20	37.40
1408	PCB-1232	4	16540	.	32.32	UG/KG	.	3.48	15.10
1414	PCB-1232	4	16744	.	248.42	UG/KG	.	5.52	1.90
1415	PCB-1232	4	16750	.	444.00	UG/KG	.	6.10	0.50
1417	PCB-1232	4	16742	.	148.00	UG/KG	.	5.00	1.50
1420	PCB-1232	4	16864	.	209.07	UG/KG	.	5.34	10.70
1427	PCB-1232	4	16867	.	125.89	UG/KG	.	4.84	52.80
1430	PCB-1232	4	16537	.	102.32	UG/KG	.	4.63	66.00
1431	PCB-1232	4	16538	.	186.26	UG/KG	.	5.23	20.30
1432	PCB-1232	4	16539	.	160.31	UG/KG	.	5.08	42.00
1441	PCB-1232	4	16798	.	183.57	UG/KG	.	5.21	2.80
1442	PCB-1232	4	16797	.	104.06	UG/KG	.	4.64	64.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1232 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1445	PCB-1232	4	16871	.	351.18	UG/KG	.	5.86	1.70
1455	PCB-1232	4	16837	.	151.34	UG/KG	.	5.02	44.80
1459	PCB-1232	4	16747	.	333.75	UG/KG	.	5.81	0.80
1461	PCB-1232	4	16852	.	1739.13	UG/KG	.	7.46	0.23
1464	PCB-1232	4	16876	.	331.47	UG/KG	.	5.80	19.10
1465	PCB-1232	4	16877	.	150.42	UG/KG	.	5.01	4.80
1466	PCB-1232	4	17026	.	233.91	UG/KG	.	5.45	2.30
1467	PCB-1232	4	17030	.	419.17	UG/KG	.	6.04	1.20
1468	PCB-1232	4	17151	.	168.78	UG/KG	.	5.13	39.50
1470	PCB-1232	4	16880	.	200.00	UG/KG	.	5.30	1.20
1478	PCB-1232	4	17060	.	111.76	UG/KG	.	4.72	3.40
1488	PCB-1232	4	17029	.	108.97	UG/KG	.	4.69	62.40
1491	PCB-1232	4	17011	.	833.33	UG/KG	.	6.73	0.48
1496	PCB-1232	4	17075	.	186.40	UG/KG	.	5.23	2.50
1501	PCB-1232	4	17074	.	191.70	UG/KG	.	5.26	9.40
1506	PCB-1232	4	17153	.	167.89	UG/KG	.	5.12	37.50
1509	PCB-1232	4	17042	.	142.86	UG/KG	.	4.96	47.60
1512	PCB-1232	4	17138	.	253.36	UG/KG	.	5.53	14.30
1516	PCB-1232	4	17004	.	267.00	UG/KG	.	5.59	1.00
1527	PCB-1232	4	17040	.	87.41	UG/KG	.	4.47	72.70
1532	PCB-1232	4	17007	.	160.53	UG/KG	.	5.08	41.90
1539	PCB-1232	4		.	215.37	UG/KG	.	5.37	1.07
1549	PCB-1232	4	17048	.	197.14	UG/KG	.	5.28	6.30
1551	PCB-1232	4		.	428.33	UG/KG	.	6.06	0.60
1555	PCB-1232	4	17035	.	246.67	UG/KG	.	5.51	5.10

ANALYTE=PCB-1242 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	PCB-1242	1	16821	.	213.28	UG/KG	.	5.36	11.90
1391	PCB-1242	1	16885	.	206.15	UG/KG	.	5.33	21.80
1419	PCB-1242	1	16739	.	153.02	UG/KG	.	5.03	44.00
1436	PCB-1242	1	17036	.	176.26	UG/KG	.	5.17	38.20
1436	PCB-1242	1	17145	.	167.09	UG/KG	.	5.12	39.90
1436	PCB-1242	1	17149	.	163.01	UG/KG	.	5.09	40.90
1437	PCB-1242	1	17033	.	211.17	UG/KG	.	5.35	16.30
1438	PCB-1242	1	17034	.	196.44	UG/KG	.	5.28	19.10
1451	PCB-1242	1	16887	.	302.73	UG/KG	.	5.71	1.10
1452	PCB-1242	1	16889	.	103.71	UG/KG	.	4.64	61.80
1452	PCB-1242	1	16890	.	104.84	UG/KG	.	4.65	63.40
1469	PCB-1242	1		.	210.63	UG/KG	.	5.35	23.90
1471	PCB-1242	1	17046	.	206.40	UG/KG	.	5.33	25.30
1471	PCB-1242	1	17052	.	203.59	UG/KG	.	5.32	20.90
1530	PCB-1242	1	17020	.	176.29	UG/KG	.	5.17	32.60
1530	PCB-1242	1	17038	.	210.86	UG/KG	.	5.35	9.30
1533	PCB-1242	1	17022	.	225.71	UG/KG	.	5.42	2.10
1534	PCB-1242	1	17081	.	89.77	UG/KG	.	4.50	75.00
1543	PCB-1242	1	17065	.	229.47	UG/KG	.	5.44	15.00
1543	PCB-1242	1	17130	.	130.73	UG/KG	.	4.87	50.50
1543	PCB-1242	1	17141	.	201.66	UG/KG	.	5.31	18.10
1550	PCB-1242	1		.	130.85	UG/KG	.	4.87	10.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1242 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1552	PCB-1242	1		.	239.21	UG/KG	.	5.48	3.80
1553	PCB-1242	1	16884	.	271.50	UG/KG	.	5.60	2.00
1556	PCB-1242	1	16896	.	305.00	UG/KG	.	5.72	1.80
1559	PCB-1242	1		.	196.45	UG/KG	.	5.28	8.45

ANALYTE=PCB-1242 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	PCB-1242	2	16527	.	225.47	UG/KG	.	5.42	19.20
1365	PCB-1242	2	16528	.	343.67	UG/KG	.	5.84	3.00
1366	PCB-1242	2	16814	.	218.56	UG/KG	.	5.39	25.00
1369	PCB-1242	2	16818	.	212.81	UG/KG	.	5.36	17.80
1380	PCB-1242	2		.	222.20	UG/KG	.	5.40	30.55
1390	PCB-1242	2	16834	.	182.14	UG/KG	.	5.20	32.20
1392	PCB-1242	2		.	131.83	UG/KG	.	4.88	21.55
1393	PCB-1242	2	16529	.	335.10	UG/KG	.	5.81	5.10
1399	PCB-1242	2		.	149.42	UG/KG	.	5.01	4.15
1400	PCB-1242	2	16810	.	191.74	UG/KG	.	5.26	2.30
1403	PCB-1242	2	16811	.	93.91	UG/KG	.	4.54	71.70
1410	PCB-1242	2	16833	.	126.07	UG/KG	.	4.84	30.80
1413	PCB-1242	2	17025	.	234.29	UG/KG	.	5.46	2.80
1413	PCB-1242	2	17061	.	202.76	UG/KG	.	5.31	18.10
1418	PCB-1242	2	16743	.	211.08	UG/KG	.	5.35	3.70
1421	PCB-1242	2		.	304.24	UG/KG	.	5.72	1.85
1422	PCB-1242	2	16831	.	249.51	UG/KG	.	5.52	18.30
1423	PCB-1242	2	16832	.	211.76	UG/KG	.	5.36	20.40
1424	PCB-1242	2	16799	.	241.12	UG/KG	.	5.49	14.30
1426	PCB-1242	2	16868	.	238.06	UG/KG	.	5.47	3.10
1429	PCB-1242	2		.	200.42	UG/KG	.	5.30	17.05
1443	PCB-1242	2	16823	.	240.45	UG/KG	.	5.48	4.40
1443	PCB-1242	2	16825	.	224.87	UG/KG	.	5.42	3.90
1447	PCB-1242	2		.	174.17	UG/KG	.	5.16	3.60
1453	PCB-1242	2	16888	.	208.39	UG/KG	.	5.34	18.60
1454	PCB-1242	2	16838	.	176.14	UG/KG	.	5.17	38.30
1454	PCB-1242	2	16839	.	147.95	UG/KG	.	5.00	20.00
1456	PCB-1242	2	17021	.	159.50	UG/KG	.	5.07	2.00
1460	PCB-1242	2	16879	.	180.36	UG/KG	.	5.19	33.20
1463	PCB-1242	2	16873	.	220.26	UG/KG	.	5.39	3.80
1463	PCB-1242	2	16874	.	69.12	UG/KG	.	4.24	63.60
1481	PCB-1242	2	17136	.	231.82	UG/KG	.	5.45	14.80
1482	PCB-1242	2		.	219.73	UG/KG	.	5.39	19.90
1484	PCB-1242	2	17024	.	223.57	UG/KG	.	5.41	21.00
1485	PCB-1242	2	17132	.	181.03	UG/KG	.	5.20	4.64
1485	PCB-1242	2	17133	.	218.55	UG/KG	.	5.39	15.20
1493	PCB-1242	2		.	81.60	UG/KG	.	4.40	82.80
1495	PCB-1242	2	17155	.	150.50	UG/KG	.	5.01	44.30
1499	PCB-1242	2	17019	.	199.80	UG/KG	.	5.30	4.90
1500	PCB-1242	2		.	216.39	UG/KG	.	5.38	20.05
1503	PCB-1242	2	17079	.	213.17	UG/KG	.	5.36	31.90
1510	PCB-1242	2	17072	.	262.83	UG/KG	.	5.57	10.60
1514	PCB-1242	2	17085	.	445.64	UG/KG	.	6.10	11.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1242 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1515	PCB-1242	2		.	72.04	UG/KG	.	4.28	94.30
1520	PCB-1242	2	16855	.	164.96	UG/KG	.	5.11	41.10
1521	PCB-1242	2	16860	.	185.36	UG/KG	.	5.22	19.20
1522	PCB-1242	2	16853	.	194.69	UG/KG	.	5.27	17.50
1523	PCB-1242	2		.	135.30	UG/KG	.	4.91	50.00
1524	PCB-1242	2	16854	.	196.50	UG/KG	.	5.28	26.30
1524	PCB-1242	2	16856	.	195.25	UG/KG	.	5.27	23.60
1529	PCB-1242	2	17086	.	189.69	UG/KG	.	5.25	13.00
1535	PCB-1242	2	17088	.	200.00	UG/KG	.	5.30	2.80
1538	PCB-1242	2	17087	.	93.65	UG/KG	.	4.54	70.50
1540	PCB-1242	2	17093	.	199.92	UG/KG	.	5.30	24.40
1544	PCB-1242	2	16803	.	195.47	UG/KG	.	5.28	20.30
1545	PCB-1242	2	16805	.	207.48	UG/KG	.	5.34	20.60
1554	PCB-1242	2	17066	.	85.58	UG/KG	.	4.45	77.90
1554	PCB-1242	2	17071	.	238.96	UG/KG	.	5.48	27.90
1558	PCB-1242	2	16801	.	204.03	UG/KG	.	5.32	14.90
1564	PCB-1242	2	17043	.	206.39	UG/KG	.	5.33	25.50
1564	PCB-1242	2	17049	.	134.25	UG/KG	.	4.90	48.70

ANALYTE=PCB-1242 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	PCB-1242	3	16532	.	90.91	UG/KG	.	4.51	5.50
1367	PCB-1242	3	16533	.	141.84	UG/KG	.	4.95	16.30
1367	PCB-1242	3	16534	.	75.67	UG/KG	.	4.33	89.60
1370	PCB-1242	3	16817	.	74.93	UG/KG	.	4.32	14.20
1381	PCB-1242	3	16819	.	147.06	UG/KG	.	4.99	3.40
1382	PCB-1242	3	16816	.	91.18	UG/KG	.	4.51	74.50
1384	PCB-1242	3	16536	.	204.61	UG/KG	.	5.32	33.20
1385	PCB-1242	3	16886	.	209.53	UG/KG	.	5.34	4.30
1395	PCB-1242	3	16861	.	252.61	UG/KG	.	5.53	2.30
1395	PCB-1242	3	16862	.	216.81	UG/KG	.	5.38	19.10
1396	PCB-1242	3	16830	.	225.62	UG/KG	.	5.42	3.20
1397	PCB-1242	3	16851	.	241.92	UG/KG	.	5.49	7.80
1402	PCB-1242	3	16809	.	255.71	UG/KG	.	5.54	1.40
1404	PCB-1242	3		.	451.17	UG/KG	.	6.11	2.00
1405	PCB-1242	3	16843	.	190.72	UG/KG	.	5.25	15.20
1405	PCB-1242	3	16844	.	125.63	UG/KG	.	4.83	53.80
1406	PCB-1242	3	16841	.	275.63	UG/KG	.	5.62	1.60
1409	PCB-1242	3		.	480.61	UG/KG	.	6.18	4.55
1411	PCB-1242	3	16826	.	83.72	UG/KG	.	4.43	80.90
1412	PCB-1242	3	16829	.	216.57	UG/KG	.	5.38	3.50
1416	PCB-1242	3		.	187.89	UG/KG	.	5.24	35.80
1425	PCB-1242	3	16878	.	203.08	UG/KG	.	5.31	19.50
1428	PCB-1242	3	16869	.	666.00	UG/KG	.	6.50	0.50
1433	PCB-1242	3	16800	.	75.92	UG/KG	.	4.33	89.30
1434	PCB-1242	3	16806	.	259.15	UG/KG	.	5.56	17.70
1435	PCB-1242	3	17016	.	102.95	UG/KG	.	4.63	65.40
1439	PCB-1242	3	17047	.	246.93	UG/KG	.	5.51	10.10
1440	PCB-1242	3	17050	.	213.25	UG/KG	.	5.36	19.10
1448	PCB-1242	3	16745	.	104.95	UG/KG	.	4.65	62.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=PCB-1242 STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	PCB-1242	3	16746	.	22.11	UG/KG	.	3.10	10.90
1449	PCB-1242	3		.	212.35	UG/KG	.	5.36	2.35
1462	PCB-1242	3	16849	.	287.22	UG/KG	.	5.66	7.20
1472	PCB-1242	3		.	214.26	UG/KG	.	5.37	20.45
1474	PCB-1242	3	17031	.	200.00	UG/KG	.	5.30	15.20
1475	PCB-1242	3	17028	.	217.17	UG/KG	.	5.38	30.70
1476	PCB-1242	3		.	220.24	UG/KG	.	5.39	23.50
1479	PCB-1242	3	17144	.	223.69	UG/KG	.	5.41	30.10
1479	PCB-1242	3	17150	.	263.07	UG/KG	.	5.57	1.76
1480	PCB-1242	3	17044	.	222.22	UG/KG	.	5.40	3.60
1486	PCB-1242	3	17131	.	215.00	UG/KG	.	5.37	2.60
1487	PCB-1242	3	17023	.	220.69	UG/KG	.	5.40	14.50
1489	PCB-1242	3	17041	.	108.01	UG/KG	.	4.68	34.10
1490	PCB-1242	3	17027	.	209.00	UG/KG	.	5.34	2.00
1492	PCB-1242	3	17010	.	111.84	UG/KG	.	4.72	60.20
1497	PCB-1242	3	17015	.	2105.26	UG/KG	.	7.65	0.19
1498	PCB-1242	3		.	189.07	UG/KG	.	5.24	4.50
1502	PCB-1242	3	17073	.	211.03	UG/KG	.	5.35	2.90
1504	PCB-1242	3	17078	.	306.45	UG/KG	.	5.73	0.93
1505	PCB-1242	3	17152	.	207.44	UG/KG	.	5.33	26.20
1507	PCB-1242	3	17154	.	100.04	UG/KG	.	4.61	67.30
1508	PCB-1242	3	17084	.	1017.41	UG/KG	.	6.93	2.70
1511	PCB-1242	3	17139	.	161.85	UG/KG	.	5.09	41.60
1513	PCB-1242	3	17083	.	248.06	UG/KG	.	5.51	1.29
1517	PCB-1242	3	17002	.	124.15	UG/KG	.	4.82	53.70
1518	PCB-1242	3	17003	.	103.14	UG/KG	.	4.64	65.60
1519	PCB-1242	3	17005	.	216.19	UG/KG	.	5.38	11.80
1525	PCB-1242	3	17001	.	114.86	UG/KG	.	4.74	59.20
1526	PCB-1242	3		.	189.82	UG/KG	.	5.25	27.75
1537	PCB-1242	3	17090	.	219.77	UG/KG	.	5.39	17.30
1541	PCB-1242	3	17091	.	214.00	UG/KG	.	5.37	5.00
1542	PCB-1242	3	17089	.	88.54	UG/KG	.	4.48	76.80
1546	PCB-1242	3	16804	.	205.80	UG/KG	.	5.33	22.60
1547	PCB-1242	3	17070	.	149.29	UG/KG	.	5.01	45.10
1548	PCB-1242	3	17067	.	233.59	UG/KG	.	5.45	18.10
1560	PCB-1242	3	16883	.	95.04	UG/KG	.	4.55	71.40
1561	PCB-1242	3	16891	.	218.64	UG/KG	.	5.39	2.20
1561	PCB-1242	3	16892	.	96.66	UG/KG	.	4.57	68.30
1563	PCB-1242	3	17143	.	329.43	UG/KG	.	5.80	2.65
1566	PCB-1242	3		.	223.45	UG/KG	.	5.41	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1242 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	PCB-1242	4	16525	.	66.67	UG/KG	.	4.20	100.00
1363	PCB-1242	4	16526	.	277.50	UG/KG	.	5.63	0.80
1388	PCB-1242	4	16815	.	15.63	UG/KG	.	2.75	25.60
1389	PCB-1242	4	16835	.	166.58	UG/KG	.	5.12	34.80
1401	PCB-1242	4	16802	.	342.00	UG/KG	.	5.83	1.00
1407	PCB-1242	4	16842	.	180.56	UG/KG	.	5.20	37.40
1408	PCB-1242	4	16540	.	32.32	UG/KG	.	3.48	15.10
1414	PCB-1242	4	16744	.	248.42	UG/KG	.	5.52	1.90
1415	PCB-1242	4	16750	.	444.00	UG/KG	.	6.10	0.50
1417	PCB-1242	4	16742	.	148.00	UG/KG	.	5.00	1.50
1420	PCB-1242	4	16864	.	209.07	UG/KG	.	5.34	10.70
1427	PCB-1242	4	16867	.	125.89	UG/KG	.	4.84	52.80
1430	PCB-1242	4	16537	.	102.32	UG/KG	.	4.63	66.00
1431	PCB-1242	4	16538	.	186.26	UG/KG	.	5.23	20.30
1432	PCB-1242	4	16539	.	160.31	UG/KG	.	5.08	42.00
1441	PCB-1242	4	16798	.	183.57	UG/KG	.	5.21	2.80
1442	PCB-1242	4	16797	.	104.06	UG/KG	.	4.64	64.00
1445	PCB-1242	4	16871	.	351.18	UG/KG	.	5.86	1.70
1455	PCB-1242	4	16837	.	151.34	UG/KG	.	5.02	44.80
1459	PCB-1242	4	16747	.	333.75	UG/KG	.	5.81	0.80
1461	PCB-1242	4	16852	.	1739.13	UG/KG	.	7.46	0.23
1464	PCB-1242	4	16876	.	331.47	UG/KG	.	5.80	19.10
1465	PCB-1242	4	16877	.	150.42	UG/KG	.	5.01	4.80
1466	PCB-1242	4	17026	.	233.91	UG/KG	.	5.45	2.30
1467	PCB-1242	4	17030	.	419.17	UG/KG	.	6.04	1.20
1468	PCB-1242	4	17151	.	168.78	UG/KG	.	5.13	39.50
1470	PCB-1242	4	16880	.	200.00	UG/KG	.	5.30	1.20
1478	PCB-1242	4	17060	.	111.76	UG/KG	.	4.72	3.40
1488	PCB-1242	4	17029	.	108.97	UG/KG	.	4.69	62.40
1491	PCB-1242	4	17011	.	833.33	UG/KG	.	6.73	0.48
1496	PCB-1242	4	17075	.	186.40	UG/KG	.	5.23	2.50
1501	PCB-1242	4	17074	.	191.70	UG/KG	.	5.26	9.40
1506	PCB-1242	4	17153	.	167.89	UG/KG	.	5.12	37.50
1509	PCB-1242	4	17042	.	142.86	UG/KG	.	4.96	47.60
1512	PCB-1242	4	17138	.	253.36	UG/KG	.	5.53	14.30
1516	PCB-1242	4	17004	.	267.00	UG/KG	.	5.59	1.00
1527	PCB-1242	4	17040	.	87.41	UG/KG	.	4.47	72.70
1532	PCB-1242	4	17007	.	160.53	UG/KG	.	5.08	41.90
1539	PCB-1242	4		.	215.37	UG/KG	.	5.37	1.07
1549	PCB-1242	4	17048	.	197.14	UG/KG	.	5.28	6.30
1551	PCB-1242	4		.	428.33	UG/KG	.	6.06	0.60
1555	PCB-1242	4	17035	.	246.67	UG/KG	.	5.51	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1248 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	PCB-1248	1	16821	.	213.28	UG/KG	.	5.36	11.90
1391	PCB-1248	1	16885	.	206.15	UG/KG	.	5.33	21.80
1419	PCB-1248	1	16739	.	153.02	UG/KG	.	5.03	44.00
1436	PCB-1248	1	17036	1010.84	.	UG/KG	6.92	.	38.20
1436	PCB-1248	1	17145	393.13	.	UG/KG	5.97	.	39.90
1436	PCB-1248	1	17149	.	163.01	UG/KG	.	5.09	40.90
1437	PCB-1248	1	17033	.	211.17	UG/KG	.	5.35	16.30
1438	PCB-1248	1	17034	.	196.44	UG/KG	.	5.28	19.10
1451	PCB-1248	1	16887	.	302.73	UG/KG	.	5.71	1.10
1452	PCB-1248	1	16889	.	103.71	UG/KG	.	4.64	61.80
1452	PCB-1248	1	16890	.	104.84	UG/KG	.	4.65	63.40
1469	PCB-1248	1		.	210.63	UG/KG	.	5.35	23.90
1471	PCB-1248	1	17046	.	206.40	UG/KG	.	5.33	25.30
1471	PCB-1248	1	17052	.	203.59	UG/KG	.	5.32	20.90
1530	PCB-1248	1	17020	.	176.29	UG/KG	.	5.17	32.60
1530	PCB-1248	1	17038	.	210.86	UG/KG	.	5.35	9.30
1533	PCB-1248	1	17022	.	225.71	UG/KG	.	5.42	2.10
1534	PCB-1248	1	17081	158.41	.	UG/KG	5.07	.	75.00
1543	PCB-1248	1	17065	.	229.47	UG/KG	.	5.44	15.00
1543	PCB-1248	1	17130	.	130.73	UG/KG	.	4.87	50.50
1543	PCB-1248	1	17141	.	201.66	UG/KG	.	5.31	18.10
1550	PCB-1248	1		.	130.85	UG/KG	.	4.87	10.40
1552	PCB-1248	1		.	239.21	UG/KG	.	5.48	3.80
1553	PCB-1248	1	16884	.	271.50	UG/KG	.	5.60	2.00
1556	PCB-1248	1	16896	.	305.00	UG/KG	.	5.72	1.80
1559	PCB-1248	1		.	196.45	UG/KG	.	5.28	8.45

ANALYTE=PCB-1248 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	PCB-1248	2	16527	.	225.47	UG/KG	.	5.42	19.20
1365	PCB-1248	2	16528	.	343.67	UG/KG	.	5.84	3.00
1366	PCB-1248	2	16814	.	218.56	UG/KG	.	5.39	25.00
1369	PCB-1248	2	16818	.	212.81	UG/KG	.	5.36	17.80
1380	PCB-1248	2		.	222.20	UG/KG	.	5.40	30.55
1390	PCB-1248	2	16834	.	182.14	UG/KG	.	5.20	32.20
1392	PCB-1248	2		.	131.83	UG/KG	.	4.88	21.55
1393	PCB-1248	2	16529	.	335.10	UG/KG	.	5.81	5.10
1399	PCB-1248	2		.	149.42	UG/KG	.	5.01	4.15
1400	PCB-1248	2	16810	.	191.74	UG/KG	.	5.26	2.30
1403	PCB-1248	2	16811	.	93.91	UG/KG	.	4.54	71.70
1410	PCB-1248	2	16833	.	126.07	UG/KG	.	4.84	30.80
1413	PCB-1248	2	17025	.	234.29	UG/KG	.	5.46	2.80
1413	PCB-1248	2	17061	.	202.76	UG/KG	.	5.31	18.10
1418	PCB-1248	2	16743	.	211.08	UG/KG	.	5.35	3.70
1421	PCB-1248	2		.	304.24	UG/KG	.	5.72	1.85
1422	PCB-1248	2	16831	.	249.51	UG/KG	.	5.52	18.30
1423	PCB-1248	2	16832	.	211.76	UG/KG	.	5.36	20.40
1424	PCB-1248	2	16799	.	241.12	UG/KG	.	5.49	14.30
1426	PCB-1248	2	16868	.	238.06	UG/KG	.	5.47	3.10
1429	PCB-1248	2		.	200.42	UG/KG	.	5.30	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1248 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	PCB-1248	2	16823	.	240.45	UG/KG	.	5.48	4.40
1443	PCB-1248	2	16825	.	224.87	UG/KG	.	5.42	3.90
1447	PCB-1248	2		.	174.17	UG/KG	.	5.16	3.60
1453	PCB-1248	2	16888	.	208.39	UG/KG	.	5.34	18.60
1454	PCB-1248	2	16838	.	176.14	UG/KG	.	5.17	38.30
1454	PCB-1248	2	16839	.	147.95	UG/KG	.	5.00	20.00
1456	PCB-1248	2	17021	.	159.50	UG/KG	.	5.07	2.00
1460	PCB-1248	2	16879	5203.43	.	UG/KG	8.56	.	33.20
1463	PCB-1248	2	16873	.	220.26	UG/KG	.	5.39	3.80
1463	PCB-1248	2	16874	.	69.12	UG/KG	.	4.24	63.60
1481	PCB-1248	2	17136	.	231.82	UG/KG	.	5.45	14.80
1482	PCB-1248	2		.	219.73	UG/KG	.	5.39	19.90
1484	PCB-1248	2	17024	.	223.57	UG/KG	.	5.41	21.00
1485	PCB-1248	2	17132	.	181.03	UG/KG	.	5.20	4.64
1485	PCB-1248	2	17133	.	218.55	UG/KG	.	5.39	15.20
1493	PCB-1248	2		.	81.60	UG/KG	.	4.40	82.80
1495	PCB-1248	2	17155	509.01	.	UG/KG	6.23	.	44.30
1499	PCB-1248	2	17019	.	199.80	UG/KG	.	5.30	4.90
1500	PCB-1248	2		.	216.39	UG/KG	.	5.38	20.05
1503	PCB-1248	2	17079	.	213.17	UG/KG	.	5.36	31.90
1510	PCB-1248	2	17072	.	262.83	UG/KG	.	5.57	10.60
1514	PCB-1248	2	17085	.	445.64	UG/KG	.	6.10	11.00
1515	PCB-1248	2		.	72.04	UG/KG	.	4.28	94.30
1520	PCB-1248	2	16855	.	164.96	UG/KG	.	5.11	41.10
1521	PCB-1248	2	16860	.	185.36	UG/KG	.	5.22	19.20
1522	PCB-1248	2	16853	.	194.69	UG/KG	.	5.27	17.50
1523	PCB-1248	2		.	135.30	UG/KG	.	4.91	50.00
1524	PCB-1248	2	16854	.	196.50	UG/KG	.	5.28	26.30
1524	PCB-1248	2	16856	.	195.25	UG/KG	.	5.27	23.60
1529	PCB-1248	2	17086	.	189.69	UG/KG	.	5.25	13.00
1535	PCB-1248	2	17088	.	200.00	UG/KG	.	5.30	2.80
1538	PCB-1248	2	17087	344.28	.	UG/KG	5.84	.	70.50
1540	PCB-1248	2	17093	.	199.92	UG/KG	.	5.30	24.40
1544	PCB-1248	2	16803	.	195.47	UG/KG	.	5.28	20.30
1545	PCB-1248	2	16805	.	207.48	UG/KG	.	5.34	20.60
1554	PCB-1248	2	17066	314.63	.	UG/KG	5.75	.	77.90
1554	PCB-1248	2	17071	737.92	.	UG/KG	6.60	.	27.90
1558	PCB-1248	2	16801	.	204.03	UG/KG	.	5.32	14.90
1564	PCB-1248	2	17043	.	206.39	UG/KG	.	5.33	25.50
1564	PCB-1248	2	17049	434.37	.	UG/KG	6.07	.	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1248 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	PCB-1248	3	16532	.	90.91	UG/KG	.	4.51	5.50
1367	PCB-1248	3	16533	.	141.84	UG/KG	.	4.95	16.30
1367	PCB-1248	3	16534	.	75.67	UG/KG	.	4.33	89.60
1370	PCB-1248	3	16817	.	74.93	UG/KG	.	4.32	14.20
1381	PCB-1248	3	16819	.	147.06	UG/KG	.	4.99	3.40
1382	PCB-1248	3	16816	.	91.18	UG/KG	.	4.51	74.50
1384	PCB-1248	3	16536	.	204.61	UG/KG	.	5.32	33.20
1385	PCB-1248	3	16886	.	209.53	UG/KG	.	5.34	4.30
1395	PCB-1248	3	16861	.	252.61	UG/KG	.	5.53	2.30
1395	PCB-1248	3	16862	.	216.81	UG/KG	.	5.38	19.10
1396	PCB-1248	3	16830	.	225.62	UG/KG	.	5.42	3.20
1397	PCB-1248	3	16851	.	241.92	UG/KG	.	5.49	7.80
1402	PCB-1248	3	16809	.	255.71	UG/KG	.	5.54	1.40
1404	PCB-1248	3		.	451.17	UG/KG	.	6.11	2.00
1405	PCB-1248	3	16843	.	190.72	UG/KG	.	5.25	15.20
1405	PCB-1248	3	16844	.	125.63	UG/KG	.	4.83	53.80
1406	PCB-1248	3	16841	.	275.63	UG/KG	.	5.62	1.60
1409	PCB-1248	3		.	480.61	UG/KG	.	6.18	4.55
1411	PCB-1248	3	16826	.	83.72	UG/KG	.	4.43	80.90
1412	PCB-1248	3	16829	.	216.57	UG/KG	.	5.38	3.50
1416	PCB-1248	3		.	187.89	UG/KG	.	5.24	35.80
1425	PCB-1248	3	16878	.	203.08	UG/KG	.	5.31	19.50
1428	PCB-1248	3	16869	.	666.00	UG/KG	.	6.50	0.50
1433	PCB-1248	3	16800	.	75.92	UG/KG	.	4.33	89.30
1434	PCB-1248	3	16806	.	259.15	UG/KG	.	5.56	17.70
1435	PCB-1248	3	17016	227.08	.	UG/KG	5.43	.	65.40
1439	PCB-1248	3	17047	.	246.93	UG/KG	.	5.51	10.10
1440	PCB-1248	3	17050	.	213.25	UG/KG	.	5.36	19.10
1448	PCB-1248	3	16745	.	104.95	UG/KG	.	4.65	62.60
1448	PCB-1248	3	16746	.	22.11	UG/KG	.	3.10	10.90
1449	PCB-1248	3		.	212.35	UG/KG	.	5.36	2.35
1462	PCB-1248	3	16849	.	287.22	UG/KG	.	5.66	7.20
1472	PCB-1248	3		.	214.26	UG/KG	.	5.37	20.45
1474	PCB-1248	3	17031	.	200.00	UG/KG	.	5.30	15.20
1475	PCB-1248	3	17028	606.74	.	UG/KG	6.41	.	30.70
1476	PCB-1248	3		.	220.24	UG/KG	.	5.39	23.50
1479	PCB-1248	3	17144	592.09	.	UG/KG	6.38	.	30.10
1479	PCB-1248	3	17150	.	263.07	UG/KG	.	5.57	1.76
1480	PCB-1248	3	17044	.	222.22	UG/KG	.	5.40	3.60
1486	PCB-1248	3	17131	.	215.00	UG/KG	.	5.37	2.60
1487	PCB-1248	3	17023	.	220.69	UG/KG	.	5.40	14.50
1489	PCB-1248	3	17041	.	108.01	UG/KG	.	4.68	34.10
1490	PCB-1248	3	17027	.	209.00	UG/KG	.	5.34	2.00
1492	PCB-1248	3	17010	263.16	.	UG/KG	5.57	.	60.20
1497	PCB-1248	3	17015	.	2105.26	UG/KG	.	7.65	0.19
1498	PCB-1248	3		.	189.07	UG/KG	.	5.24	4.50
1502	PCB-1248	3	17073	.	211.03	UG/KG	.	5.35	2.90
1504	PCB-1248	3	17078	.	306.45	UG/KG	.	5.73	0.93
1505	PCB-1248	3	17152	.	207.44	UG/KG	.	5.33	26.20
1507	PCB-1248	3	17154	.	100.04	UG/KG	.	4.61	67.30
1508	PCB-1248	3	17084	.	1017.41	UG/KG	.	6.93	2.70
1511	PCB-1248	3	17139	690.22	.	UG/KG	6.54	.	41.60
1513	PCB-1248	3	17083	.	248.06	UG/KG	.	5.51	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1248 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	PCB-1248	3	17002	.	124.15	UG/KG	.	4.82	53.70
1518	PCB-1248	3	17003	.	103.14	UG/KG	.	4.64	65.60
1519	PCB-1248	3	17005	.	216.19	UG/KG	.	5.38	11.80
1525	PCB-1248	3	17001	591.22	.	UG/KG	6.38	.	59.20
1526	PCB-1248	3		1471.45	.	UG/KG	7.29	.	27.75
1537	PCB-1248	3	17090	.	219.77	UG/KG	.	5.39	17.30
1541	PCB-1248	3	17091	.	214.00	UG/KG	.	5.37	5.00
1542	PCB-1248	3	17089	.	88.54	UG/KG	.	4.48	76.80
1546	PCB-1248	3	16804	.	205.80	UG/KG	.	5.33	22.60
1547	PCB-1248	3	17070	417.12	.	UG/KG	6.03	.	45.10
1548	PCB-1248	3	17067	.	233.59	UG/KG	.	5.45	18.10
1560	PCB-1248	3	16883	.	95.04	UG/KG	.	4.55	71.40
1561	PCB-1248	3	16891	.	218.64	UG/KG	.	5.39	2.20
1561	PCB-1248	3	16892	.	96.66	UG/KG	.	4.57	68.30
1563	PCB-1248	3	17143	.	329.43	UG/KG	.	5.80	2.65
1566	PCB-1248	3		.	223.45	UG/KG	.	5.41	1.15

ANALYTE=PCB-1248 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	PCB-1248	4	16525	43.33	.	UG/KG	3.77	.	100.00
1363	PCB-1248	4	16526	.	277.50	UG/KG	.	5.63	0.80
1388	PCB-1248	4	16815	.	15.63	UG/KG	.	2.75	25.60
1389	PCB-1248	4	16835	.	166.58	UG/KG	.	5.12	34.80
1401	PCB-1248	4	16802	.	342.00	UG/KG	.	5.83	1.00
1407	PCB-1248	4	16842	.	180.56	UG/KG	.	5.20	37.40
1408	PCB-1248	4	16540	.	32.32	UG/KG	.	3.48	15.10
1414	PCB-1248	4	16744	.	248.42	UG/KG	.	5.52	1.90
1415	PCB-1248	4	16750	.	444.00	UG/KG	.	6.10	0.50
1417	PCB-1248	4	16742	.	148.00	UG/KG	.	5.00	1.50
1420	PCB-1248	4	16864	.	209.07	UG/KG	.	5.34	10.70
1427	PCB-1248	4	16867	.	125.89	UG/KG	.	4.84	52.80
1430	PCB-1248	4	16537	.	102.32	UG/KG	.	4.63	66.00
1431	PCB-1248	4	16538	.	186.26	UG/KG	.	5.23	20.30
1432	PCB-1248	4	16539	.	160.31	UG/KG	.	5.08	42.00
1441	PCB-1248	4	16798	.	183.57	UG/KG	.	5.21	2.80
1442	PCB-1248	4	16797	.	104.06	UG/KG	.	4.64	64.00
1445	PCB-1248	4	16871	.	351.18	UG/KG	.	5.86	1.70
1455	PCB-1248	4	16837	.	151.34	UG/KG	.	5.02	44.80
1459	PCB-1248	4	16747	.	333.75	UG/KG	.	5.81	0.80
1461	PCB-1248	4	16852	.	1739.13	UG/KG	.	7.46	0.23
1464	PCB-1248	4	16876	.	331.47	UG/KG	.	5.80	19.10
1465	PCB-1248	4	16877	.	150.42	UG/KG	.	5.01	4.80
1466	PCB-1248	4	17026	.	233.91	UG/KG	.	5.45	2.30
1467	PCB-1248	4	17030	.	419.17	UG/KG	.	6.04	1.20
1468	PCB-1248	4	17151	.	168.78	UG/KG	.	5.13	39.50
1470	PCB-1248	4	16880	.	200.00	UG/KG	.	5.30	1.20
1478	PCB-1248	4	17060	.	111.76	UG/KG	.	4.72	3.40
1488	PCB-1248	4	17029	528.85	.	UG/KG	6.27	.	62.40
1491	PCB-1248	4	17011	.	833.33	UG/KG	.	6.73	0.48
1496	PCB-1248	4	17075	.	186.40	UG/KG	.	5.23	2.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1248 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1501	PCB-1248	4	17074	.	191.70	UG/KG	.	5.26	9.40
1506	PCB-1248	4	17153	345.68	.	UG/KG	5.85	.	37.50
1509	PCB-1248	4	17042	231.09	.	UG/KG	5.44	.	47.60
1512	PCB-1248	4	17138	.	253.36	UG/KG	.	5.53	14.30
1516	PCB-1248	4	17004	.	267.00	UG/KG	.	5.59	1.00
1527	PCB-1248	4	17040	.	87.41	UG/KG	.	4.47	72.70
1532	PCB-1248	4	17007	.	160.53	UG/KG	.	5.08	41.90
1539	PCB-1248	4		.	215.37	UG/KG	.	5.37	1.07
1549	PCB-1248	4	17048	.	197.14	UG/KG	.	5.28	6.30
1551	PCB-1248	4		.	428.33	UG/KG	.	6.06	0.60
1555	PCB-1248	4	17035	.	246.67	UG/KG	.	5.51	5.10

ANALYTE=PCB-1254 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	PCB-1254	1	16821	.	213.28	UG/KG	.	5.36	11.90
1391	PCB-1254	1	16885	.	206.15	UG/KG	.	5.33	21.80
1419	PCB-1254	1	16739	.	153.02	UG/KG	.	5.03	44.00
1436	PCB-1254	1	17036	.	176.26	UG/KG	.	5.17	38.20
1436	PCB-1254	1	17145	.	167.09	UG/KG	.	5.12	39.90
1436	PCB-1254	1	17149	.	163.01	UG/KG	.	5.09	40.90
1437	PCB-1254	1	17033	.	211.17	UG/KG	.	5.35	16.30
1438	PCB-1254	1	17034	.	196.44	UG/KG	.	5.28	19.10
1451	PCB-1254	1	16887	.	302.73	UG/KG	.	5.71	1.10
1452	PCB-1254	1	16889	1403.09	.	UG/KG	7.25	.	61.80
1452	PCB-1254	1	16890	1541.83	.	UG/KG	7.34	.	63.40
1469	PCB-1254	1		.	210.63	UG/KG	.	5.35	23.90
1471	PCB-1254	1	17046	.	206.40	UG/KG	.	5.33	25.30
1471	PCB-1254	1	17052	.	203.59	UG/KG	.	5.32	20.90
1530	PCB-1254	1	17020	.	176.29	UG/KG	.	5.17	32.60
1530	PCB-1254	1	17038	.	210.86	UG/KG	.	5.35	9.30
1533	PCB-1254	1	17022	.	225.71	UG/KG	.	5.42	2.10
1534	PCB-1254	1	17081	.	89.77	UG/KG	.	4.50	75.00
1543	PCB-1254	1	17065	.	229.47	UG/KG	.	5.44	15.00
1543	PCB-1254	1	17130	.	130.73	UG/KG	.	4.87	50.50
1543	PCB-1254	1	17141	.	201.66	UG/KG	.	5.31	18.10
1550	PCB-1254	1		.	130.85	UG/KG	.	4.87	10.40
1552	PCB-1254	1		.	239.21	UG/KG	.	5.48	3.80
1553	PCB-1254	1	16884	.	271.50	UG/KG	.	5.60	2.00
1556	PCB-1254	1	16896	.	305.00	UG/KG	.	5.72	1.80
1559	PCB-1254	1		.	196.45	UG/KG	.	5.28	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1254 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	PCB-1254	2	16527	.	225.47	UG/KG	.	5.42	19.20
1365	PCB-1254	2	16528	.	343.67	UG/KG	.	5.84	3.00
1366	PCB-1254	2	16814	.	218.56	UG/KG	.	5.39	25.00
1369	PCB-1254	2	16818	.	212.81	UG/KG	.	5.36	17.80
1380	PCB-1254	2		.	222.20	UG/KG	.	5.40	30.55
1390	PCB-1254	2	16834	.	182.14	UG/KG	.	5.20	32.20
1392	PCB-1254	2		.	131.83	UG/KG	.	4.88	21.55
1393	PCB-1254	2	16529	.	335.10	UG/KG	.	5.81	5.10
1399	PCB-1254	2		.	149.42	UG/KG	.	5.01	4.15
1400	PCB-1254	2	16810	.	191.74	UG/KG	.	5.26	2.30
1403	PCB-1254	2	16811	.	93.91	UG/KG	.	4.54	71.70
1410	PCB-1254	2	16833	.	126.07	UG/KG	.	4.84	30.80
1413	PCB-1254	2	17025	.	234.29	UG/KG	.	5.46	2.80
1413	PCB-1254	2	17061	.	202.76	UG/KG	.	5.31	18.10
1418	PCB-1254	2	16743	.	211.08	UG/KG	.	5.35	3.70
1421	PCB-1254	2		.	304.24	UG/KG	.	5.72	1.85
1422	PCB-1254	2	16831	.	249.51	UG/KG	.	5.52	18.30
1423	PCB-1254	2	16832	.	211.76	UG/KG	.	5.36	20.40
1424	PCB-1254	2	16799	.	241.12	UG/KG	.	5.49	14.30
1426	PCB-1254	2	16868	.	238.06	UG/KG	.	5.47	3.10
1429	PCB-1254	2		.	200.42	UG/KG	.	5.30	17.05
1443	PCB-1254	2	16823	.	240.45	UG/KG	.	5.48	4.40
1443	PCB-1254	2	16825	.	224.87	UG/KG	.	5.42	3.90
1447	PCB-1254	2		.	174.17	UG/KG	.	5.16	3.60
1453	PCB-1254	2	16888	.	208.39	UG/KG	.	5.34	18.60
1454	PCB-1254	2	16838	.	176.14	UG/KG	.	5.17	38.30
1454	PCB-1254	2	16839	.	147.95	UG/KG	.	5.00	20.00
1456	PCB-1254	2	17021	.	159.50	UG/KG	.	5.07	2.00
1460	PCB-1254	2	16879	.	180.36	UG/KG	.	5.19	33.20
1463	PCB-1254	2	16873	.	220.26	UG/KG	.	5.39	3.80
1463	PCB-1254	2	16874	.	69.12	UG/KG	.	4.24	63.60
1481	PCB-1254	2	17136	.	231.82	UG/KG	.	5.45	14.80
1482	PCB-1254	2		.	219.73	UG/KG	.	5.39	19.90
1484	PCB-1254	2	17024	.	223.57	UG/KG	.	5.41	21.00
1485	PCB-1254	2	17132	.	181.03	UG/KG	.	5.20	4.64
1485	PCB-1254	2	17133	.	218.55	UG/KG	.	5.39	15.20
1493	PCB-1254	2		666.20	.	UG/KG	6.50	.	82.80
1495	PCB-1254	2	17155	.	150.50	UG/KG	.	5.01	44.30
1499	PCB-1254	2	17019	.	199.80	UG/KG	.	5.30	4.90
1500	PCB-1254	2		.	216.39	UG/KG	.	5.38	20.05
1503	PCB-1254	2	17079	.	213.17	UG/KG	.	5.36	31.90
1510	PCB-1254	2	17072	.	262.83	UG/KG	.	5.57	10.60
1514	PCB-1254	2	17085	.	445.64	UG/KG	.	6.10	11.00
1515	PCB-1254	2		.	72.04	UG/KG	.	4.28	94.30
1520	PCB-1254	2	16855	.	164.96	UG/KG	.	5.11	41.10
1521	PCB-1254	2	16860	.	185.36	UG/KG	.	5.22	19.20
1522	PCB-1254	2	16853	.	194.69	UG/KG	.	5.27	17.50
1523	PCB-1254	2		.	135.30	UG/KG	.	4.91	50.00
1524	PCB-1254	2	16854	.	196.50	UG/KG	.	5.28	26.30
1524	PCB-1254	2	16856	.	195.25	UG/KG	.	5.27	23.60
1529	PCB-1254	2	17086	.	189.69	UG/KG	.	5.25	13.00
1535	PCB-1254	2	17088	.	200.00	UG/KG	.	5.30	2.80
1536	PCB-1254	2	17087	.	93.65	UG/KG	.	4.54	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1254 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	PCB-1254	2	17093	.	199.92	UG/KG	.	5.30	24.40
1544	PCB-1254	2	16803	.	195.47	UG/KG	.	5.28	20.30
1545	PCB-1254	2	16805	.	207.48	UG/KG	.	5.34	20.60
1554	PCB-1254	2	17066	.	85.58	UG/KG	.	4.45	77.90
1554	PCB-1254	2	17071	.	238.96	UG/KG	.	5.48	27.90
1558	PCB-1254	2	16801	.	204.03	UG/KG	.	5.32	14.90
1564	PCB-1254	2	17043	.	206.39	UG/KG	.	5.33	25.50
1564	PCB-1254	2	17049	.	134.25	UG/KG	.	4.90	48.70

ANALYTE=PCB-1254 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	PCB-1254	3	16532	.	90.91	UG/KG	.	4.51	5.50
1367	PCB-1254	3	16533	.	141.84	UG/KG	.	4.95	16.30
1367	PCB-1254	3	16534	311.56	.	UG/KG	5.74	.	89.60
1370	PCB-1254	3	16817	.	74.93	UG/KG	.	4.32	14.20
1381	PCB-1254	3	16819	.	147.06	UG/KG	.	4.99	3.40
1382	PCB-1254	3	16816	.	91.18	UG/KG	.	4.51	74.50
1384	PCB-1254	3	16536	.	204.61	UG/KG	.	5.32	33.20
1385	PCB-1254	3	16886	.	209.53	UG/KG	.	5.34	4.30
1395	PCB-1254	3	16861	.	252.61	UG/KG	.	5.53	2.30
1395	PCB-1254	3	16862	.	216.81	UG/KG	.	5.38	19.10
1396	PCB-1254	3	16830	.	225.62	UG/KG	.	5.42	3.20
1397	PCB-1254	3	16851	.	241.92	UG/KG	.	5.49	7.80
1402	PCB-1254	3	16809	.	255.71	UG/KG	.	5.54	1.40
1404	PCB-1254	3		.	451.17	UG/KG	.	6.11	2.00
1405	PCB-1254	3	16843	.	190.72	UG/KG	.	5.25	15.20
1405	PCB-1254	3	16844	.	125.63	UG/KG	.	4.83	53.80
1406	PCB-1254	3	16841	.	275.63	UG/KG	.	5.62	1.60
1409	PCB-1254	3		.	480.61	UG/KG	.	6.18	4.55
1411	PCB-1254	3	16826	.	83.72	UG/KG	.	4.43	80.90
1412	PCB-1254	3	16829	.	216.57	UG/KG	.	5.38	3.50
1416	PCB-1254	3		1365.43	.	UG/KG	7.22	.	35.80
1425	PCB-1254	3	16878	.	203.08	UG/KG	.	5.31	19.50
1428	PCB-1254	3	16869	.	666.00	UG/KG	.	6.50	0.50
1433	PCB-1254	3	16800	692.22	.	UG/KG	6.54	.	89.30
1434	PCB-1254	3	16806	.	259.15	UG/KG	.	5.56	17.70
1435	PCB-1254	3	17016	.	102.95	UG/KG	.	4.63	65.40
1439	PCB-1254	3	17047	.	246.93	UG/KG	.	5.51	10.10
1440	PCB-1254	3	17050	.	213.25	UG/KG	.	5.36	19.10
1448	PCB-1254	3	16745	.	104.95	UG/KG	.	4.65	62.60
1448	PCB-1254	3	16746	.	22.11	UG/KG	.	3.10	10.90
1449	PCB-1254	3		.	212.35	UG/KG	.	5.36	2.35
1462	PCB-1254	3	16849	.	287.22	UG/KG	.	5.66	7.20
1472	PCB-1254	3		.	214.26	UG/KG	.	5.37	20.45
1474	PCB-1254	3	17031	.	200.00	UG/KG	.	5.30	15.20
1475	PCB-1254	3	17028	.	217.17	UG/KG	.	5.38	30.70
1476	PCB-1254	3		.	220.24	UG/KG	.	5.39	23.50
1479	PCB-1254	3	17144	.	223.69	UG/KG	.	5.41	30.10
1479	PCB-1254	3	17150	.	263.07	UG/KG	.	5.57	1.76
1480	PCB-1254	3	17044	.	222.22	UG/KG	.	5.40	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1254 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	PCB-1254	3	17131	.	215.00	UG/KG	.	5.37	2.60
1487	PCB-1254	3	17023	.	220.69	UG/KG	.	5.40	14.50
1489	PCB-1254	3	17041	.	108.01	UG/KG	.	4.68	34.10
1490	PCB-1254	3	17027	.	209.00	UG/KG	.	5.34	2.00
1492	PCB-1254	3	17010	.	111.84	UG/KG	.	4.72	60.20
1497	PCB-1254	3	17015	.	2105.26	UG/KG	.	7.65	0.19
1498	PCB-1254	3		.	189.07	UG/KG	.	5.24	4.50
1502	PCB-1254	3	17073	.	211.03	UG/KG	.	5.35	2.90
1504	PCB-1254	3	17078	.	306.45	UG/KG	.	5.73	0.93
1505	PCB-1254	3	17152	.	207.44	UG/KG	.	5.33	26.20
1507	PCB-1254	3	17154	.	100.04	UG/KG	.	4.61	67.30
1508	PCB-1254	3	17084	.	1017.41	UG/KG	.	6.93	2.70
1511	PCB-1254	3	17139	.	161.85	UG/KG	.	5.09	41.60
1513	PCB-1254	3	17083	.	248.06	UG/KG	.	5.51	1.29
1517	PCB-1254	3	17002	.	124.15	UG/KG	.	4.82	53.70
1518	PCB-1254	3	17003	.	103.14	UG/KG	.	4.64	65.60
1519	PCB-1254	3	17005	.	216.19	UG/KG	.	5.38	11.80
1525	PCB-1254	3	17001	.	114.86	UG/KG	.	4.74	59.20
1526	PCB-1254	3		.	189.82	UG/KG	.	5.25	27.75
1537	PCB-1254	3	17090	.	219.77	UG/KG	.	5.39	17.30
1541	PCB-1254	3	17091	.	214.00	UG/KG	.	5.37	5.00
1542	PCB-1254	3	17089	.	88.54	UG/KG	.	4.48	76.80
1546	PCB-1254	3	16804	.	205.80	UG/KG	.	5.33	22.60
1547	PCB-1254	3	17070	.	149.29	UG/KG	.	5.01	45.10
1548	PCB-1254	3	17067	.	233.59	UG/KG	.	5.45	18.10
1560	PCB-1254	3	16883	.	95.04	UG/KG	.	4.55	71.40
1561	PCB-1254	3	16891	.	218.64	UG/KG	.	5.39	2.20
1561	PCB-1254	3	16892	.	96.66	UG/KG	.	4.57	68.30
1563	PCB-1254	3	17143	.	329.43	UG/KG	.	5.80	2.65
1566	PCB-1254	3		.	223.45	UG/KG	.	5.41	1.15

ANALYTE=PCB-1254 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	PCB-1254	4	16525	.	66.67	UG/KG	.	4.20	100.00
1363	PCB-1254	4	16526	.	277.50	UG/KG	.	5.63	0.80
1388	PCB-1254	4	16815	.	15.63	UG/KG	.	2.75	25.60
1389	PCB-1254	4	16835	.	166.58	UG/KG	.	5.12	34.80
1401	PCB-1254	4	16802	.	342.00	UG/KG	.	5.83	1.00
1407	PCB-1254	4	16842	.	180.56	UG/KG	.	5.20	37.40
1408	PCB-1254	4	16540	.	32.32	UG/KG	.	3.48	15.10
1414	PCB-1254	4	16744	.	248.42	UG/KG	.	5.52	1.90
1415	PCB-1254	4	16750	.	444.00	UG/KG	.	6.10	0.50
1417	PCB-1254	4	16742	.	148.00	UG/KG	.	5.00	1.50
1420	PCB-1254	4	16864	.	209.07	UG/KG	.	5.34	10.70
1427	PCB-1254	4	16867	.	125.89	UG/KG	.	4.84	52.80
1430	PCB-1254	4	16537	1339.11	.	UG/KG	7.20	.	66.00
1431	PCB-1254	4	16538	.	186.26	UG/KG	.	5.23	20.30
1432	PCB-1254	4	16539	1178.69	.	UG/KG	7.07	.	42.00
1441	PCB-1254	4	16798	.	183.57	UG/KG	.	5.21	2.80
1442	PCB-1254	4	16797	.	104.06	UG/KG	.	4.64	64.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1254 STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1445	PCB-1254	4	16871	.	351.18	UG/KG	.	5.86	1.70
1455	PCB-1254	4	16837	9346.96	.	UG/KG	9.14	.	44.80
1459	PCB-1254	4	16747	.	333.75	UG/KG	.	5.81	0.80
1461	PCB-1254	4	16852	.	1739.13	UG/KG	.	7.46	0.23
1464	PCB-1254	4	16876	2583.66	.	UG/KG	7.86	.	19.10
1465	PCB-1254	4	16877	.	150.42	UG/KG	.	5.01	4.80
1466	PCB-1254	4	17026	.	233.91	UG/KG	.	5.45	2.30
1467	PCB-1254	4	17030	.	419.17	UG/KG	.	6.04	1.20
1468	PCB-1254	4	17151	.	168.78	UG/KG	.	5.13	39.50
1470	PCB-1254	4	16880	.	200.00	UG/KG	.	5.30	1.20
1478	PCB-1254	4	17060	.	111.76	UG/KG	.	4.72	3.40
1488	PCB-1254	4	17029	.	108.97	UG/KG	.	4.69	62.40
1491	PCB-1254	4	17011	.	833.33	UG/KG	.	6.73	0.48
1496	PCB-1254	4	17075	.	186.40	UG/KG	.	5.23	2.50
1501	PCB-1254	4	17074	.	191.70	UG/KG	.	5.26	9.40
1506	PCB-1254	4	17153	.	167.89	UG/KG	.	5.12	37.50
1509	PCB-1254	4	17042	.	142.86	UG/KG	.	4.96	47.60
1512	PCB-1254	4	17138	.	253.36	UG/KG	.	5.53	14.30
1516	PCB-1254	4	17004	.	267.00	UG/KG	.	5.59	1.00
1527	PCB-1254	4	17040	.	87.41	UG/KG	.	4.47	72.70
1532	PCB-1254	4	17007	.	160.53	UG/KG	.	5.08	41.90
1539	PCB-1254	4		.	215.37	UG/KG	.	5.37	1.07
1549	PCB-1254	4	17048	.	197.14	UG/KG	.	5.28	6.30
1551	PCB-1254	4		.	428.33	UG/KG	.	6.06	0.60
1555	PCB-1254	4	17035	.	246.67	UG/KG	.	5.51	5.10

ANALYTE=PCB-1260 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	PCB-1260	1	16821	.	213.28	UG/KG	.	5.36	11.90
1391	PCB-1260	1	16885	.	206.15	UG/KG	.	5.33	21.80
1419	PCB-1260	1	16739	.	153.02	UG/KG	.	5.03	44.00
1436	PCB-1260	1	17036	1658.80	.	UG/KG	7.41	.	38.20
1436	PCB-1260	1	17145	294.86	.	UG/KG	5.69	.	39.90
1436	PCB-1260	1	17149	503.37	.	UG/KG	6.22	.	40.90
1437	PCB-1260	1	17033	.	211.17	UG/KG	.	5.35	16.30
1438	PCB-1260	1	17034	.	196.44	UG/KG	.	5.28	19.10
1451	PCB-1260	1	16887	.	302.73	UG/KG	.	5.71	1.10
1452	PCB-1260	1	16889	.	103.71	UG/KG	.	4.64	61.80
1452	PCB-1260	1	16890	.	104.84	UG/KG	.	4.65	63.40
1469	PCB-1260	1		.	210.63	UG/KG	.	5.35	23.90
1471	PCB-1260	1	17046	.	206.40	UG/KG	.	5.33	25.30
1471	PCB-1260	1	17052	.	203.59	UG/KG	.	5.32	20.90
1530	PCB-1260	1	17020	.	176.29	UG/KG	.	5.17	32.60
1530	PCB-1260	1	17038	.	210.86	UG/KG	.	5.35	9.30
1533	PCB-1260	1	17022	.	225.71	UG/KG	.	5.42	2.10
1534	PCB-1260	1	17081	330.03	.	UG/KG	5.80	.	75.00
1543	PCB-1260	1	17065	.	229.47	UG/KG	.	5.44	15.00
1543	PCB-1260	1	17130	.	130.73	UG/KG	.	4.87	50.50
1543	PCB-1260	1	17141	.	201.66	UG/KG	.	5.31	18.10
1550	PCB-1260	1		.	130.85	UG/KG	.	4.87	10.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1260 STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1552	PCB-1260	1		.	239.21	UG/KG	.	5.48	3.80
1553	PCB-1260	1	16884	.	271.50	UG/KG	.	5.60	2.00
1556	PCB-1260	1	16896	.	305.00	UG/KG	.	5.72	1.80
1559	PCB-1260	1		.	196.45	UG/KG	.	5.28	8.45

ANALYTE=PCB-1260 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	PCB-1260	2	16527	.	225.47	UG/KG	.	5.42	19.20
1365	PCB-1260	2	16528	.	343.67	UG/KG	.	5.84	3.00
1366	PCB-1260	2	16814	.	218.56	UG/KG	.	5.39	25.00
1369	PCB-1260	2	16818	.	212.81	UG/KG	.	5.36	17.80
1380	PCB-1260	2		.	222.20	UG/KG	.	5.40	30.55
1390	PCB-1260	2	16834	.	182.14	UG/KG	.	5.20	32.20
1392	PCB-1260	2		.	131.83	UG/KG	.	4.88	21.55
1393	PCB-1260	2	16529	.	335.10	UG/KG	.	5.81	5.10
1399	PCB-1260	2		.	149.42	UG/KG	.	5.01	4.15
1400	PCB-1260	2	16810	.	191.74	UG/KG	.	5.26	2.30
1403	PCB-1260	2	16811	.	93.91	UG/KG	.	4.54	71.70
1410	PCB-1260	2	16833	.	126.07	UG/KG	.	4.84	30.80
1413	PCB-1260	2	17025	.	234.29	UG/KG	.	5.46	2.80
1413	PCB-1260	2	17061	.	202.76	UG/KG	.	5.31	18.10
1418	PCB-1260	2	16743	.	211.08	UG/KG	.	5.35	3.70
1421	PCB-1260	2		.	304.24	UG/KG	.	5.72	1.85
1422	PCB-1260	2	16831	.	249.51	UG/KG	.	5.52	18.30
1423	PCB-1260	2	16832	.	211.76	UG/KG	.	5.36	20.40
1424	PCB-1260	2	16799	.	241.12	UG/KG	.	5.49	14.30
1426	PCB-1260	2	16868	.	238.06	UG/KG	.	5.47	3.10
1429	PCB-1260	2		.	200.42	UG/KG	.	5.30	17.05
1443	PCB-1260	2	16823	.	240.45	UG/KG	.	5.48	4.40
1443	PCB-1260	2	16825	.	224.87	UG/KG	.	5.42	3.90
1447	PCB-1260	2		.	174.17	UG/KG	.	5.16	3.60
1453	PCB-1260	2	16888	.	208.39	UG/KG	.	5.34	18.60
1454	PCB-1260	2	16838	331.54	.	UG/KG	5.80	.	38.30
1454	PCB-1260	2	16839	.	147.95	UG/KG	.	5.00	20.00
1456	PCB-1260	2	17021	.	159.50	UG/KG	.	5.07	2.00
1460	PCB-1260	2	16879	.	180.36	UG/KG	.	5.19	33.20
1463	PCB-1260	2	16873	.	220.26	UG/KG	.	5.39	3.80
1463	PCB-1260	2	16874	.	69.12	UG/KG	.	4.24	63.60
1481	PCB-1260	2	17136	.	231.82	UG/KG	.	5.45	14.80
1482	PCB-1260	2		.	219.73	UG/KG	.	5.39	19.90
1484	PCB-1260	2	17024	.	223.57	UG/KG	.	5.41	21.00
1485	PCB-1260	2	17132	.	181.03	UG/KG	.	5.20	4.64
1485	PCB-1260	2	17133	.	218.55	UG/KG	.	5.39	15.20
1493	PCB-1260	2		.	81.60	UG/KG	.	4.40	82.80
1495	PCB-1260	2	17155	.	150.50	UG/KG	.	5.01	44.30
1499	PCB-1260	2	17019	.	199.80	UG/KG	.	5.30	4.90
1500	PCB-1260	2		.	216.39	UG/KG	.	5.38	20.05
1503	PCB-1260	2	17079	.	213.17	UG/KG	.	5.36	31.90
1510	PCB-1260	2	17072	.	262.83	UG/KG	.	5.57	10.60
1514	PCB-1260	2	17085	.	445.64	UG/KG	.	6.10	11.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=PCB-1260 STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1515	PCB-1260	2		.	72.04	UG/KG	.	4.28	94.30
1520	PCB-1260	2	16855	.	164.96	UG/KG	.	5.11	41.10
1521	PCB-1260	2	16860	.	185.36	UG/KG	.	5.22	19.20
1522	PCB-1260	2	16853	.	194.69	UG/KG	.	5.27	17.50
1523	PCB-1260	2		.	135.30	UG/KG	.	4.91	50.00
1524	PCB-1260	2	16854	.	196.50	UG/KG	.	5.28	26.30
1524	PCB-1260	2	16856	.	195.25	UG/KG	.	5.27	23.60
1529	PCB-1260	2	17086	.	189.69	UG/KG	.	5.25	13.00
1535	PCB-1260	2	17088	.	200.00	UG/KG	.	5.30	2.80
1538	PCB-1260	2	17087	234.11	.	UG/KG	5.46	.	70.50
1540	PCB-1260	2	17093	.	199.92	UG/KG	.	5.30	24.40
1544	PCB-1260	2	16803	.	195.47	UG/KG	.	5.28	20.30
1545	PCB-1260	2	16805	.	207.48	UG/KG	.	5.34	20.60
1554	PCB-1260	2	17066	490.82	.	UG/KG	6.20	.	77.90
1554	PCB-1260	2	17071	491.94	.	UG/KG	6.20	.	27.90
1558	PCB-1260	2	16801	.	204.03	UG/KG	.	5.32	14.90
1564	PCB-1260	2	17043	.	206.39	UG/KG	.	5.33	25.50
1564	PCB-1260	2	17049	394.89	.	UG/KG	5.98	.	48.70

ANALYTE=PCB-1260 STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	PCB-1260	3	16532	.	90.91	UG/KG	.	4.51	5.50
1367	PCB-1260	3	16533	.	141.84	UG/KG	.	4.95	16.30
1367	PCB-1260	3	16534	.	75.67	UG/KG	.	4.33	89.60
1370	PCB-1260	3	16817	.	74.93	UG/KG	.	4.32	14.20
1381	PCB-1260	3	16819	.	147.06	UG/KG	.	4.99	3.40
1382	PCB-1260	3	16816	.	91.18	UG/KG	.	4.51	74.50
1384	PCB-1260	3	16536	.	204.61	UG/KG	.	5.32	33.20
1385	PCB-1260	3	16886	.	209.53	UG/KG	.	5.34	4.30
1395	PCB-1260	3	16861	.	252.61	UG/KG	.	5.53	2.30
1395	PCB-1260	3	16862	.	216.81	UG/KG	.	5.38	19.10
1396	PCB-1260	3	16830	.	225.62	UG/KG	.	5.42	3.20
1397	PCB-1260	3	16851	.	241.92	UG/KG	.	5.49	7.80
1402	PCB-1260	3	16809	.	255.71	UG/KG	.	5.54	1.40
1404	PCB-1260	3		.	451.17	UG/KG	.	6.11	2.00
1405	PCB-1260	3	16843	.	190.72	UG/KG	.	5.25	15.20
1405	PCB-1260	3	16844	.	125.63	UG/KG	.	4.83	53.80
1406	PCB-1260	3	16841	.	275.63	UG/KG	.	5.62	1.60
1409	PCB-1260	3		.	480.61	UG/KG	.	6.18	4.55
1411	PCB-1260	3	16826	.	83.72	UG/KG	.	4.43	80.90
1412	PCB-1260	3	16829	.	216.57	UG/KG	.	5.38	3.50
1416	PCB-1260	3		.	187.89	UG/KG	.	5.24	35.80
1425	PCB-1260	3	16878	.	203.08	UG/KG	.	5.31	19.50
1428	PCB-1260	3	16869	.	666.00	UG/KG	.	6.50	0.50
1433	PCB-1260	3	16800	.	75.92	UG/KG	.	4.33	89.30
1434	PCB-1260	3	16806	.	259.15	UG/KG	.	5.56	17.70
1435	PCB-1260	3	17016	302.78	.	UG/KG	5.71	.	65.40
1439	PCB-1260	3	17047	.	246.93	UG/KG	.	5.51	10.10
1440	PCB-1260	3	17050	.	213.25	UG/KG	.	5.36	19.10
1448	PCB-1260	3	16745	.	104.95	UG/KG	.	4.65	62.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=PCB-1260 STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	PCB-1260	3	16746	.	22.11	UG/KG	.	3.10	10.90
1449	PCB-1260	3		.	212.35	UG/KG	.	5.36	2.35
1462	PCB-1260	3	16849	.	287.22	UG/KG	.	5.66	7.20
1472	PCB-1260	3		.	214.26	UG/KG	.	5.37	20.45
1474	PCB-1260	3	17031	.	200.00	UG/KG	.	5.30	15.20
1475	PCB-1260	3	17028	670.62	.	UG/KG	6.51	.	30.70
1476	PCB-1260	3		.	220.24	UG/KG	.	5.39	23.50
1479	PCB-1260	3	17144	493.39	.	UG/KG	6.20	.	30.10
1479	PCB-1260	3	17150	.	263.07	UG/KG	.	5.57	1.76
1480	PCB-1260	3	17044	.	222.22	UG/KG	.	5.40	3.60
1486	PCB-1260	3	17131	.	215.00	UG/KG	.	5.37	2.60
1487	PCB-1260	3	17023	.	220.69	UG/KG	.	5.40	14.50
1489	PCB-1260	3	17041	.	108.01	UG/KG	.	4.68	34.10
1490	PCB-1260	3	17027	.	209.00	UG/KG	.	5.34	2.00
1492	PCB-1260	3	17010	559.19	.	UG/KG	6.33	.	60.20
1497	PCB-1260	3	17015	.	2105.26	UG/KG	.	7.65	0.19
1498	PCB-1260	3		.	189.07	UG/KG	.	5.24	4.50
1502	PCB-1260	3	17073	.	211.03	UG/KG	.	5.35	2.90
1504	PCB-1260	3	17078	.	306.45	UG/KG	.	5.73	0.93
1505	PCB-1260	3	17152	.	207.44	UG/KG	.	5.33	26.20
1507	PCB-1260	3	17154	.	100.04	UG/KG	.	4.61	67.30
1508	PCB-1260	3	17084	.	1017.41	UG/KG	.	6.93	2.70
1511	PCB-1260	3	17139	.	161.85	UG/KG	.	5.09	41.60
1513	PCB-1260	3	17083	.	248.06	UG/KG	.	5.51	1.29
1517	PCB-1260	3	17002	.	124.15	UG/KG	.	4.82	53.70
1518	PCB-1260	3	17003	.	103.14	UG/KG	.	4.64	65.60
1519	PCB-1260	3	17005	.	216.19	UG/KG	.	5.38	11.80
1525	PCB-1260	3	17001	506.76	.	UG/KG	6.23	.	59.20
1526	PCB-1260	3		.	189.82	UG/KG	.	5.25	27.75
1537	PCB-1260	3	17090	.	219.77	UG/KG	.	5.39	17.30
1541	PCB-1260	3	17091	.	214.00	UG/KG	.	5.37	5.00
1542	PCB-1260	3	17089	.	88.54	UG/KG	.	4.48	76.80
1546	PCB-1260	3	16804	.	205.80	UG/KG	.	5.33	22.60
1547	PCB-1260	3	17070	636.65	.	UG/KG	6.46	.	45.10
1548	PCB-1260	3	17067	.	233.59	UG/KG	.	5.45	18.10
1560	PCB-1260	3	16883	.	95.04	UG/KG	.	4.55	71.40
1561	PCB-1260	3	16891	.	218.64	UG/KG	.	5.39	2.20
1561	PCB-1260	3	16892	.	96.66	UG/KG	.	4.57	68.30
1563	PCB-1260	3	17143	.	329.43	UG/KG	.	5.80	2.65
1566	PCB-1260	3		.	223.45	UG/KG	.	5.41	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=PCB-1260 STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	PCB-1260	4	16525	31.00	.	UG/KG	3.43	.	100.00
1363	PCB-1260	4	16526	.	277.50	UG/KG	.	5.63	0.80
1388	PCB-1260	4	16815	.	15.63	UG/KG	.	2.75	25.60
1389	PCB-1260	4	16835	.	166.58	UG/KG	.	5.12	34.80
1401	PCB-1260	4	16802	.	342.00	UG/KG	.	5.83	1.00
1407	PCB-1260	4	16842	.	180.56	UG/KG	.	5.20	37.40
1408	PCB-1260	4	16540	.	32.32	UG/KG	.	3.48	15.10
1414	PCB-1260	4	16744	.	248.42	UG/KG	.	5.52	1.90
1415	PCB-1260	4	16750	.	444.00	UG/KG	.	6.10	0.50
1417	PCB-1260	4	16742	.	148.00	UG/KG	.	5.00	1.50
1420	PCB-1260	4	16864	.	209.07	UG/KG	.	5.34	10.70
1427	PCB-1260	4	16867	.	125.89	UG/KG	.	4.84	52.80
1430	PCB-1260	4	16537	.	102.32	UG/KG	.	4.63	66.00
1431	PCB-1260	4	16538	.	186.26	UG/KG	.	5.23	20.30
1432	PCB-1260	4	16539	.	160.31	UG/KG	.	5.08	42.00
1441	PCB-1260	4	16798	.	183.57	UG/KG	.	5.21	2.80
1442	PCB-1260	4	16797	.	104.06	UG/KG	.	4.64	64.00
1445	PCB-1260	4	16871	.	351.18	UG/KG	.	5.86	1.70
1455	PCB-1260	4	16837	4005.85	.	UG/KG	8.30	.	44.80
1459	PCB-1260	4	16747	.	333.75	UG/KG	.	5.81	0.80
1461	PCB-1260	4	16852	.	1739.13	UG/KG	.	7.46	0.23
1464	PCB-1260	4	16876	.	331.47	UG/KG	.	5.80	19.10
1465	PCB-1260	4	16877	.	150.42	UG/KG	.	5.01	4.80
1466	PCB-1260	4	17026	.	233.91	UG/KG	.	5.45	2.30
1467	PCB-1260	4	17030	.	419.17	UG/KG	.	6.04	1.20
1468	PCB-1260	4	17151	595.67	.	UG/KG	6.39	.	39.50
1470	PCB-1260	4	16880	.	200.00	UG/KG	.	5.30	1.20
1478	PCB-1260	4	17060	.	111.76	UG/KG	.	4.72	3.40
1488	PCB-1260	4	17029	.	108.97	UG/KG	.	4.69	62.40
1491	PCB-1260	4	17011	.	833.33	UG/KG	.	6.73	0.48
1496	PCB-1260	4	17075	.	186.40	UG/KG	.	5.23	2.50
1501	PCB-1260	4	17074	.	191.70	UG/KG	.	5.26	9.40
1506	PCB-1260	4	17153	.	167.89	UG/KG	.	5.12	37.50
1509	PCB-1260	4	17042	210.08	.	UG/KG	5.35	.	47.60
1512	PCB-1260	4	17138	.	253.36	UG/KG	.	5.53	14.30
1516	PCB-1260	4	17004	.	267.00	UG/KG	.	5.59	1.00
1527	PCB-1260	4	17040	.	87.41	UG/KG	.	4.47	72.70
1532	PCB-1260	4	17007	.	160.53	UG/KG	.	5.08	41.90
1539	PCB-1260	4		.	215.37	UG/KG	.	5.37	1.07
1549	PCB-1260	4	17048	.	197.14	UG/KG	.	5.28	6.30
1551	PCB-1260	4		.	428.33	UG/KG	.	6.06	0.60
1555	PCB-1260	4	17035	.	246.67	UG/KG	.	5.51	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=SELENIUM STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	SELENIUM	1	16821	.	2.50	MG/KG	.	0.92	11.90
1391	SELENIUM	1	16885	4.10	.	MG/KG	1.41	.	21.80
1419	SELENIUM	1	16739	23.10	.	MG/KG	3.14	.	44.00
1436	SELENIUM	1	17036	3.80	.	MG/KG	1.34	.	38.20
1436	SELENIUM	1	17145	1.20	.	MG/KG	0.18	.	39.90
1436	SELENIUM	1	17149	.	7.40	MG/KG	.	2.00	40.90
1437	SELENIUM	1	17033	.	9.20	MG/KG	.	2.22	16.30
1438	SELENIUM	1	17034	3.80	.	MG/KG	1.34	.	19.10
1451	SELENIUM	1	16887	.	5.50	MG/KG	.	1.70	1.10
1452	SELENIUM	1	16889	5.90	.	MG/KG	1.77	.	61.80
1452	SELENIUM	1	16890	6.60	.	MG/KG	1.89	.	63.40
1469	SELENIUM	1		4.80	.	MG/KG	1.57	.	23.90
1471	SELENIUM	1	17046	13.40	.	MG/KG	2.60	.	25.30
1471	SELENIUM	1	17052	16.30	.	MG/KG	2.79	.	20.90
1530	SELENIUM	1	17020	3.00	.	MG/KG	1.10	.	32.60
1530	SELENIUM	1	17038	4.90	.	MG/KG	1.59	.	9.30
1533	SELENIUM	1	17022	.	3.60	MG/KG	.	1.28	2.10
1534	SELENIUM	1	17081	1.20	.	MG/KG	0.18	.	75.00
1543	SELENIUM	1	17065	.	1.00	MG/KG	.	0.00	15.00
1543	SELENIUM	1	17130	1.30	.	MG/KG	0.26	.	50.50
1543	SELENIUM	1	17141	5.10	.	MG/KG	1.63	.	18.10
1550	SELENIUM	1		.	0.95	MG/KG	.	-0.05	10.40
1552	SELENIUM	1		.	4.00	MG/KG	.	1.39	3.80
1553	SELENIUM	1	16884	7.70	.	MG/KG	2.04	.	2.00
1556	SELENIUM	1	16896	.	8.30	MG/KG	.	2.12	1.80
1559	SELENIUM	1		8.20	15.90	MG/KG	2.10	2.77	8.45

ANALYTE=SELENIUM STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	SELENIUM	2	16527	3.50	.	MG/KG	1.25	.	19.20
1365	SELENIUM	2	16528	3.60	.	MG/KG	1.28	.	3.00
1366	SELENIUM	2	16814	.	1.20	MG/KG	.	0.18	25.00
1369	SELENIUM	2	16818	.	1.70	MG/KG	.	0.53	17.80
1380	SELENIUM	2		4.95	.	MG/KG	1.60	.	30.55
1390	SELENIUM	2	16834	2.20	.	MG/KG	0.79	.	32.20
1392	SELENIUM	2		1.70	.	MG/KG	0.53	.	21.55
1393	SELENIUM	2	16529	1.60	.	MG/KG	0.47	.	5.10
1399	SELENIUM	2		.	1.60	MG/KG	.	0.47	4.15
1400	SELENIUM	2	16810	.	26.00	MG/KG	.	3.26	2.30
1403	SELENIUM	2	16811	11.40	.	MG/KG	2.43	.	71.70
1410	SELENIUM	2	16833	3.10	.	MG/KG	1.13	.	30.80
1413	SELENIUM	2	17025	.	3.60	MG/KG	.	1.28	2.80
1413	SELENIUM	2	17061	.	8.30	MG/KG	.	2.12	18.10
1418	SELENIUM	2	16743	3.30	.	MG/KG	1.19	.	3.70
1421	SELENIUM	2		7.20	.	MG/KG	1.97	.	1.85
1422	SELENIUM	2	16831	.	8.20	MG/KG	.	2.10	18.30
1423	SELENIUM	2	16832	3.70	.	MG/KG	1.31	.	20.40
1424	SELENIUM	2	16799	12.50	.	MG/KG	2.53	.	14.30
1426	SELENIUM	2	16866	7.90	.	MG/KG	2.07	.	3.10
1429	SELENIUM	2		3.00	.	MG/KG	1.10	.	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=SELENIUM STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	SELENIUM	2	16823	15.20	.	MG/KG	2.72	.	4.40
1443	SELENIUM	2	16825	7.70	.	MG/KG	2.04	.	3.90
1447	SELENIUM	2		10.35	.	MG/KG	2.34	.	3.60
1453	SELENIUM	2	16888	2.30	.	MG/KG	0.83	.	18.60
1454	SELENIUM	2	16838	5.30	.	MG/KG	1.67	.	38.30
1454	SELENIUM	2	16839	5.30	.	MG/KG	1.67	.	20.00
1456	SELENIUM	2	17021	14.30	.	MG/KG	2.66	.	2.00
1460	SELENIUM	2	16879	15.20	.	MG/KG	2.72	.	33.20
1463	SELENIUM	2	16873	8.30	.	MG/KG	2.12	.	3.80
1463	SELENIUM	2	16874	1.60	.	MG/KG	0.47	.	63.60
1481	SELENIUM	2	17136	6.60	.	MG/KG	1.89	.	14.80
1482	SELENIUM	2		3.30	.	MG/KG	1.19	.	19.90
1484	SELENIUM	2	17024	7.50	.	MG/KG	2.01	.	21.00
1485	SELENIUM	2	17132	.	1.60	MG/KG	.	0.47	4.64
1485	SELENIUM	2	17133	1.50	.	MG/KG	0.41	.	15.20
1493	SELENIUM	2		6.00	.	MG/KG	1.79	.	82.80
1495	SELENIUM	2	17155	1.00	.	MG/KG	0.00	.	44.30
1499	SELENIUM	2	17019	.	30.60	MG/KG	.	3.42	4.90
1500	SELENIUM	2		4.10	.	MG/KG	1.41	.	20.05
1503	SELENIUM	2	17079	1.30	.	MG/KG	0.26	.	31.90
1510	SELENIUM	2	17072	5.50	.	MG/KG	1.70	.	10.60
1514	SELENIUM	2	17085	1.60	.	MG/KG	0.47	.	11.00
1515	SELENIUM	2		7.00	3.20	MG/KG	1.95	1.16	94.30
1520	SELENIUM	2	16855	1.20	.	MG/KG	0.18	.	41.10
1521	SELENIUM	2	16860	10.60	.	MG/KG	2.36	.	19.20
1522	SELENIUM	2	16853	4.90	.	MG/KG	1.59	.	17.50
1523	SELENIUM	2		0.70	0.60	MG/KG	-0.36	-0.51	50.00
1524	SELENIUM	2	16854	.	5.70	MG/KG	.	1.74	26.30
1524	SELENIUM	2	16856	7.10	.	MG/KG	1.96	.	23.60
1529	SELENIUM	2	17086	7.70	.	MG/KG	2.04	.	13.00
1535	SELENIUM	2	17088	3.80	.	MG/KG	1.34	.	2.80
1538	SELENIUM	2	17087	9.90	.	MG/KG	2.29	.	70.50
1540	SELENIUM	2	17093	5.70	.	MG/KG	1.74	.	24.40
1544	SELENIUM	2	16803	3.40	.	MG/KG	1.22	.	20.30
1545	SELENIUM	2	16805	4.00	.	MG/KG	1.39	.	20.60
1554	SELENIUM	2	17066	5.30	.	MG/KG	1.67	.	77.90
1554	SELENIUM	2	17071	3.80	.	MG/KG	1.34	.	27.90
1558	SELENIUM	2	16801	5.50	.	MG/KG	1.70	.	14.90
1564	SELENIUM	2	17043	1.80	.	MG/KG	0.59	.	25.50
1564	SELENIUM	2	17049	.	6.20	MG/KG	.	1.82	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=SELENIUM STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	SELENIUM	3	16532	2.80	.	MG/KG	1.03	.	5.50
1367	SELENIUM	3	16533	.	1.80	MG/KG	.	0.59	16.30
1367	SELENIUM	3	16534	.	3.40	MG/KG	.	1.22	89.60
1370	SELENIUM	3	16817	5.00	.	MG/KG	1.61	.	14.20
1381	SELENIUM	3	16819	14.80	.	MG/KG	2.69	.	3.40
1382	SELENIUM	3	16816	2.20	.	MG/KG	0.79	.	74.50
1384	SELENIUM	3	16536	3.00	.	MG/KG	1.10	.	33.20
1385	SELENIUM	3	16886	.	3.50	MG/KG	.	1.25	4.30
1395	SELENIUM	3	16861	.	2.60	MG/KG	.	0.96	2.30
1395	SELENIUM	3	16862	9.50	.	MG/KG	2.25	.	19.10
1396	SELENIUM	3	16830	4.40	.	MG/KG	1.48	.	3.20
1397	SELENIUM	3	16851	2.00	.	MG/KG	0.69	.	7.80
1402	SELENIUM	3	16809	.	42.30	MG/KG	.	3.74	1.40
1404	SELENIUM	3		4.50	84.60	MG/KG	1.50	4.44	2.00
1405	SELENIUM	3	16843	.	19.40	MG/KG	.	2.97	15.20
1405	SELENIUM	3	16844	1.50	.	MG/KG	0.41	.	53.80
1406	SELENIUM	3	16841	.	3.70	MG/KG	.	1.31	1.60
1409	SELENIUM	3		.	3.30	MG/KG	.	1.19	4.55
1411	SELENIUM	3	16826	.	3.70	MG/KG	.	1.31	80.90
1412	SELENIUM	3	16829	.	17.20	MG/KG	.	2.84	3.50
1416	SELENIUM	3		4.15	.	MG/KG	1.42	.	35.80
1425	SELENIUM	3	16878	5.10	.	MG/KG	1.63	.	19.50
1428	SELENIUM	3	16869	.	12.00	MG/KG	.	2.48	0.50
1433	SELENIUM	3	16800	3.10	.	MG/KG	1.13	.	89.30
1434	SELENIUM	3	16806	6.80	.	MG/KG	1.92	.	17.70
1435	SELENIUM	3	17016	5.70	.	MG/KG	1.74	.	65.40
1439	SELENIUM	3	17047	4.10	.	MG/KG	1.41	.	10.10
1440	SELENIUM	3	17050	4.30	.	MG/KG	1.46	.	19.10
1448	SELENIUM	3	16745	.	4.80	MG/KG	.	1.57	62.60
1448	SELENIUM	3	16746	1.40	.	MG/KG	0.34	.	10.90
1449	SELENIUM	3		5.27	.	MG/KG	1.66	.	2.35
1462	SELENIUM	3	16849	3.10	.	MG/KG	1.13	.	7.20
1472	SELENIUM	3		4.80	.	MG/KG	1.57	.	20.45
1474	SELENIUM	3	17031	3.50	.	MG/KG	1.25	.	15.20
1475	SELENIUM	3	17028	3.80	.	MG/KG	1.34	.	30.70
1476	SELENIUM	3		3.70	6.70	MG/KG	1.31	1.90	23.50
1479	SELENIUM	3	17144	2.60	.	MG/KG	0.96	.	30.10
1479	SELENIUM	3	17150	.	3.40	MG/KG	.	1.22	1.76
1480	SELENIUM	3	17044	6.50	.	MG/KG	1.87	.	3.60
1486	SELENIUM	3	17131	.	2.30	MG/KG	.	0.83	2.60
1487	SELENIUM	3	17023	4.80	.	MG/KG	1.57	.	14.50
1489	SELENIUM	3	17041	1.50	.	MG/KG	0.41	.	34.10
1490	SELENIUM	3	17027	7.90	.	MG/KG	2.07	.	2.00
1492	SELENIUM	3	17010	16.90	.	MG/KG	2.83	.	60.20
1497	SELENIUM	3	17015	70.00	.	MG/KG	4.25	.	0.19
1498	SELENIUM	3		.	2.20	MG/KG	.	0.79	4.50
1502	SELENIUM	3	17073	.	3.40	MG/KG	.	1.22	2.90
1504	SELENIUM	3	17078	.	6.50	MG/KG	.	1.87	0.93
1505	SELENIUM	3	17152	5.30	.	MG/KG	1.67	.	26.20
1507	SELENIUM	3	17154	3.80	.	MG/KG	1.34	.	67.30
1508	SELENIUM	3	17084	4.00	.	MG/KG	1.39	.	2.70
1511	SELENIUM	3	17139	5.50	.	MG/KG	1.70	.	41.60
1513	SELENIUM	3	17083	8.50	.	MG/KG	2.14	.	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=SELENIUM STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	SELENIUM	3	17002	4.40	.	MG/KG	1.48	.	53.70
1518	SELENIUM	3	17003	4.90	.	MG/KG	1.59	.	65.60
1519	SELENIUM	3	17005	17.60	.	MG/KG	2.87	.	11.80
1525	SELENIUM	3	17001	15.90	.	MG/KG	2.77	.	59.20
1526	SELENIUM	3		2.30	5.50	MG/KG	0.83	1.70	27.75
1537	SELENIUM	3	17090	6.90	.	MG/KG	1.93	.	17.30
1541	SELENIUM	3	17091	.	1.20	MG/KG	.	0.18	5.00
1542	SELENIUM	3	17089	26.50	.	MG/KG	3.28	.	76.80
1546	SELENIUM	3	16804	3.40	.	MG/KG	1.22	.	22.60
1547	SELENIUM	3	17070	4.50	.	MG/KG	1.50	.	45.10
1548	SELENIUM	3	17067	4.90	.	MG/KG	1.59	.	18.10
1560	SELENIUM	3	16883	10.70	.	MG/KG	2.37	.	71.40
1561	SELENIUM	3	16891	.	2.70	MG/KG	.	0.99	2.20
1561	SELENIUM	3	16892	9.60	.	MG/KG	2.26	.	68.30
1563	SELENIUM	3	17143	.	37.80	MG/KG	.	3.63	2.65
1565	SELENIUM	3	17057	.	8.00	MG/KG	.	2.08	0.75
1566	SELENIUM	3		.	6.50	MG/KG	.	1.87	1.15

ANALYTE=SELENIUM STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	SELENIUM	4	16525	3.90	.	MG/KG	1.36	.	100.00
1363	SELENIUM	4	16526	3.90	.	MG/KG	1.36	.	0.80
1388	SELENIUM	4	16815	.	0.20	MG/KG	.	-1.61	25.60
1389	SELENIUM	4	16835	2.50	.	MG/KG	0.92	.	34.80
1401	SELENIUM	4	16802	.	3.00	MG/KG	.	1.10	1.00
1407	SELENIUM	4	16842	4.80	.	MG/KG	1.57	.	37.40
1408	SELENIUM	4	16540	.	0.40	MG/KG	.	-0.92	15.10
1414	SELENIUM	4	16744	5.20	.	MG/KG	1.65	.	1.90
1415	SELENIUM	4	16750	.	12.00	MG/KG	.	2.48	0.50
1417	SELENIUM	4	16742	4.40	.	MG/KG	1.48	.	1.50
1420	SELENIUM	4	16864	6.80	.	MG/KG	1.92	.	10.70
1427	SELENIUM	4	16867	.	0.60	MG/KG	.	-0.51	52.80
1430	SELENIUM	4	16537	6.20	.	MG/KG	1.82	.	66.00
1431	SELENIUM	4	16538	3.60	.	MG/KG	1.28	.	20.30
1432	SELENIUM	4	16539	5.90	.	MG/KG	1.77	.	42.00
1441	SELENIUM	4	16798	9.50	.	MG/KG	2.25	.	2.80
1442	SELENIUM	4	16797	0.90	.	MG/KG	-0.11	.	64.00
1445	SELENIUM	4	16871	.	3.50	MG/KG	.	1.25	1.70
1455	SELENIUM	4	16837	2.40	.	MG/KG	0.88	.	44.80
1459	SELENIUM	4	16747	.	7.50	MG/KG	.	2.01	0.80
1461	SELENIUM	4	16852	.	13.00	MG/KG	.	2.56	0.23
1464	SELENIUM	4	16876	5.00	.	MG/KG	1.61	.	19.10
1465	SELENIUM	4	16877	.	3.10	MG/KG	.	1.13	4.80
1466	SELENIUM	4	17026	.	4.30	MG/KG	.	1.46	2.30
1467	SELENIUM	4	17030	5.70	.	MG/KG	1.74	.	1.20
1468	SELENIUM	4	17151	3.40	.	MG/KG	1.22	.	39.50
1470	SELENIUM	4	16880	5.20	.	MG/KG	1.65	.	1.20
1478	SELENIUM	4	17060	49.40	.	MG/KG	3.90	.	3.40
1488	SELENIUM	4	17029	3.20	.	MG/KG	1.16	.	62.40
1491	SELENIUM	4	17011	.	12.50	MG/KG	.	2.53	0.48

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=SELENIUM STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1496	SELENIUM	4	17075	7.70	.	MG/KG	2.04	.	2.50
1501	SELENIUM	4	17074	4.00	.	MG/KG	1.39	.	9.40
1506	SELENIUM	4	17153	1.20	.	MG/KG	0.18	.	37.50
1509	SELENIUM	4	17042	3.70	.	MG/KG	1.31	.	47.60
1512	SELENIUM	4	17138	6.20	.	MG/KG	1.82	.	14.30
1516	SELENIUM	4	17004	.	60.00	MG/KG	.	4.09	1.00
1527	SELENIUM	4	17040	2.50	.	MG/KG	0.92	.	72.70
1532	SELENIUM	4	17007	.	7.20	MG/KG	.	1.97	41.90
1539	SELENIUM	4		.	5.70	MG/KG	.	1.74	1.07
1549	SELENIUM	4	17048	4.10	.	MG/KG	1.41	.	6.30
1551	SELENIUM	4		.	10.45	MG/KG	.	2.35	0.60
1555	SELENIUM	4	17035	4.60	.	MG/KG	1.53	.	5.10

---------- ANALYTE=TOXAPHENE STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	TOXAPHENE	1	16821	.	1066.39	UG/KG	.	6.97	11.90
1391	TOXAPHENE	1	16885	.	1030.83	UG/KG	.	6.94	21.80
1419	TOXAPHENE	1	16739	.	765.07	UG/KG	.	6.64	44.00
1436	TOXAPHENE	1	17036	.	881.23	UG/KG	.	6.78	38.20
1436	TOXAPHENE	1	17145	.	835.41	UG/KG	.	6.73	39.90
1436	TOXAPHENE	1	17149	.	814.99	UG/KG	.	6.70	40.90
1437	TOXAPHENE	1	17033	.	1055.95	UG/KG	.	6.96	16.30
1438	TOXAPHENE	1	17034	.	982.30	UG/KG	.	6.89	19.10
1451	TOXAPHENE	1	16887	.	1515.45	UG/KG	.	7.32	1.10
1452	TOXAPHENE	1	16889	.	518.53	UG/KG	.	6.25	61.80
1452	TOXAPHENE	1	16890	.	524.23	UG/KG	.	6.26	63.40
1469	TOXAPHENE	1		.	1053.22	UG/KG	.	6.96	23.90
1471	TOXAPHENE	1	17046	.	1032.02	UG/KG	.	6.94	25.30
1471	TOXAPHENE	1	17052	.	1018.04	UG/KG	.	6.93	20.90
1530	TOXAPHENE	1	17020	.	881.47	UG/KG	.	6.78	32.60
1530	TOXAPHENE	1	17038	.	1054.19	UG/KG	.	6.96	9.30
1533	TOXAPHENE	1	17022	.	1128.57	UG/KG	.	7.03	2.10
1534	TOXAPHENE	1	17081	.	448.84	UG/KG	.	6.11	75.00
1543	TOXAPHENE	1	17065	.	1147.47	UG/KG	.	7.05	15.00
1543	TOXAPHENE	1	17130	.	653.66	UG/KG	.	6.48	50.50
1543	TOXAPHENE	1	17141	.	1008.18	UG/KG	.	6.92	18.10
1550	TOXAPHENE	1		.	654.23	UG/KG	.	6.48	10.40
1552	TOXAPHENE	1		.	1196.32	UG/KG	.	7.09	3.80
1553	TOXAPHENE	1	16884	.	1358.50	UG/KG	.	7.21	2.00
1556	TOXAPHENE	1	16896	.	1526.11	UG/KG	.	7.33	1.80
1559	TOXAPHENE	1		.	982.48	UG/KG	.	6.89	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=TOXAPHENE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	TOXAPHENE	2	16527	.	1127.34	UG/KG	.	7.03	19.20
1365	TOXAPHENE	2	16528	.	1718.33	UG/KG	.	7.45	3.00
1366	TOXAPHENE	2	16814	.	1092.88	UG/KG	.	7.00	25.00
1369	TOXAPHENE	2	16818	.	1063.99	UG/KG	.	6.97	17.80
1380	TOXAPHENE	2		.	1110.97	UG/KG	.	7.01	30.55
1390	TOXAPHENE	2	16834	.	910.75	UG/KG	.	6.81	32.20
1392	TOXAPHENE	2		.	659.17	UG/KG	.	6.49	21.55
1393	TOXAPHENE	2	16529	.	1675.88	UG/KG	.	7.42	5.10
1399	TOXAPHENE	2		.	747.32	UG/KG	.	6.62	4.15
1400	TOXAPHENE	2	16810	.	957.83	UG/KG	.	6.86	2.30
1403	TOXAPHENE	2	16811	.	469.50	UG/KG	.	6.15	71.70
1410	TOXAPHENE	2	16833	.	630.42	UG/KG	.	6.45	30.80
1413	TOXAPHENE	2	17025	.	1171.07	UG/KG	.	7.07	2.80
1413	TOXAPHENE	2	17061	.	1013.76	UG/KG	.	6.92	18.10
1418	TOXAPHENE	2	16743	.	1055.68	UG/KG	.	6.96	3.70
1421	TOXAPHENE	2		.	1521.48	UG/KG	.	7.33	1.85
1422	TOXAPHENE	2	16831	.	1247.60	UG/KG	.	7.13	18.30
1423	TOXAPHENE	2	16832	.	1058.73	UG/KG	.	6.96	20.40
1424	TOXAPHENE	2	16799	.	1205.66	UG/KG	.	7.09	14.30
1426	TOXAPHENE	2	16868	.	1190.32	UG/KG	.	7.08	3.10
1429	TOXAPHENE	2		.	1002.17	UG/KG	.	6.91	17.05
1443	TOXAPHENE	2	16823	.	1202.50	UG/KG	.	7.09	4.40
1443	TOXAPHENE	2	16825	.	1124.62	UG/KG	.	7.03	3.90
1447	TOXAPHENE	2		.	871.11	UG/KG	.	6.77	3.60
1453	TOXAPHENE	2	16888	.	1041.94	UG/KG	.	6.95	18.60
1454	TOXAPHENE	2	16838	.	880.68	UG/KG	.	6.78	38.30
1454	TOXAPHENE	2	16839	.	739.65	UG/KG	.	6.61	20.00
1456	TOXAPHENE	2	17021	.	797.50	UG/KG	.	6.68	2.00
1460	TOXAPHENE	2	16879	.	901.81	UG/KG	.	6.80	33.20
1463	TOXAPHENE	2	16873	.	1101.05	UG/KG	.	7.00	3.80
1463	TOXAPHENE	2	16874	.	345.57	UG/KG	.	5.85	63.60
1481	TOXAPHENE	2	17136	.	1158.99	UG/KG	.	7.06	14.80
1482	TOXAPHENE	2		.	1098.67	UG/KG	.	7.00	19.90
1484	TOXAPHENE	2	17024	.	1117.81	UG/KG	.	7.02	21.00
1485	TOXAPHENE	2	17132	.	905.60	UG/KG	.	6.81	4.64
1485	TOXAPHENE	2	17133	.	1092.83	UG/KG	.	7.00	15.20
1493	TOXAPHENE	2		.	408.00	UG/KG	.	6.01	82.80
1495	TOXAPHENE	2	17155	.	752.44	UG/KG	.	6.62	44.30
1499	TOXAPHENE	2	17019	.	999.39	UG/KG	.	6.91	4.90
1500	TOXAPHENE	2		.	1081.83	UG/KG	.	6.99	20.05
1503	TOXAPHENE	2	17079	.	1065.83	UG/KG	.	6.97	31.90
1510	TOXAPHENE	2	17072	.	1313.96	UG/KG	.	7.18	10.60
1514	TOXAPHENE	2	17085	.	2228.18	UG/KG	.	7.71	11.00
1515	TOXAPHENE	2		.	360.19	UG/KG	.	5.89	94.30
1520	TOXAPHENE	2	16855	.	824.77	UG/KG	.	6.72	41.10
1521	TOXAPHENE	2	16860	.	926.77	UG/KG	.	6.83	19.20
1522	TOXAPHENE	2	16853	.	973.49	UG/KG	.	6.88	17.50
1523	TOXAPHENE	2		.	676.49	UG/KG	.	6.52	50.00
1524	TOXAPHENE	2	16854	.	982.51	UG/KG	.	6.89	26.30
1524	TOXAPHENE	2	16856	.	976.31	UG/KG	.	6.88	23.60
1529	TOXAPHENE	2	17086	.	948.46	UG/KG	.	6.85	13.00
1535	TOXAPHENE	2	17088	.	1000.36	UG/KG	.	6.91	2.80
1538	TOXAPHENE	2	17087	.	468.23	UG/KG	.	6.15	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=TOXAPHENE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	TOXAPHENE	2	17093	.	999.59	UG/KG	.	6.91	24.40
1544	TOXAPHENE	2	16803	.	977.39	UG/KG	.	6.88	20.30
1545	TOXAPHENE	2	16805	.	1037.28	UG/KG	.	6.94	20.60
1554	TOXAPHENE	2	17066	.	427.89	UG/KG	.	6.06	77.90
1554	TOXAPHENE	2	17071	.	1194.73	UG/KG	.	7.09	27.90
1558	TOXAPHENE	2	16801	.	1020.00	UG/KG	.	6.93	14.90
1564	TOXAPHENE	2	17043	.	1032.00	UG/KG	.	6.94	25.50
1564	TOXAPHENE	2	17049	.	671.29	UG/KG	.	6.51	48.70

ANALYTE=TOXAPHENE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	TOXAPHENE	3	16532	.	454.55	UG/KG	.	6.12	5.50
1367	TOXAPHENE	3	16533	.	709.26	UG/KG	.	6.56	16.30
1367	TOXAPHENE	3	16534	.	378.33	UG/KG	.	5.94	89.60
1370	TOXAPHENE	3	16817	.	374.58	UG/KG	.	5.93	14.20
1381	TOXAPHENE	3	16819	.	735.29	UG/KG	.	6.60	3.40
1382	TOXAPHENE	3	16816	.	455.92	UG/KG	.	6.12	74.50
1384	TOXAPHENE	3	16536	.	1023.07	UG/KG	.	6.93	33.20
1385	TOXAPHENE	3	16886	.	1047.67	UG/KG	.	6.95	4.30
1395	TOXAPHENE	3	16861	.	1263.91	UG/KG	.	7.14	2.30
1395	TOXAPHENE	3	16862	.	1083.98	UG/KG	.	6.99	19.10
1396	TOXAPHENE	3	16830	.	1128.12	UG/KG	.	7.03	3.20
1397	TOXAPHENE	3	16851	.	1209.49	UG/KG	.	7.10	7.80
1402	TOXAPHENE	3	16809	.	1280.00	UG/KG	.	7.15	1.40
1404	TOXAPHENE	3		.	2256.97	UG/KG	.	7.72	2.00
1405	TOXAPHENE	3	16843	.	953.49	UG/KG	.	6.86	15.20
1405	TOXAPHENE	3	16844	.	628.20	UG/KG	.	6.44	53.80
1406	TOXAPHENE	3	16841	.	1376.87	UG/KG	.	7.23	1.60
1409	TOXAPHENE	3		.	2403.18	UG/KG	.	7.78	4.55
1411	TOXAPHENE	3	16826	.	418.60	UG/KG	.	6.04	80.90
1412	TOXAPHENE	3	16829	.	1082.29	UG/KG	.	6.99	3.50
1416	TOXAPHENE	3		.	939.49	UG/KG	.	6.85	35.80
1425	TOXAPHENE	3	16878	.	1015.49	UG/KG	.	6.92	19.50
1428	TOXAPHENE	3	16869	.	3334.00	UG/KG	.	8.11	0.50
1433	TOXAPHENE	3	16800	.	379.60	UG/KG	.	5.94	89.30
1434	TOXAPHENE	3	16806	.	1295.82	UG/KG	.	7.17	17.70
1435	TOXAPHENE	3	17016	.	514.72	UG/KG	.	6.24	65.40
1439	TOXAPHENE	3	17047	.	1234.55	UG/KG	.	7.12	10.10
1440	TOXAPHENE	3	17050	.	1066.34	UG/KG	.	6.97	19.10
1448	TOXAPHENE	3	16745	.	524.76	UG/KG	.	6.26	62.60
1448	TOXAPHENE	3	16746	.	110.37	UG/KG	.	4.70	10.90
1449	TOXAPHENE	3		.	1061.74	UG/KG	.	6.97	2.35
1462	TOXAPHENE	3	16849	.	1436.25	UG/KG	.	7.27	7.20
1472	TOXAPHENE	3		.	1071.21	UG/KG	.	6.98	20.45
1474	TOXAPHENE	3	17031	.	999.87	UG/KG	.	6.91	15.20
1475	TOXAPHENE	3	17028	.	1085.77	UG/KG	.	6.99	30.70
1476	TOXAPHENE	3		.	1101.18	UG/KG	.	7.00	23.50
1479	TOXAPHENE	3	17144	.	1118.37	UG/KG	.	7.02	30.10
1479	TOXAPHENE	3	17150	.	1315.34	UG/KG	.	7.18	1.76
1480	TOXAPHENE	3	17044	.	1111.11	UG/KG	.	7.01	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=TOXAPHENE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	TOXAPHENE	3	17131	.	1074.23	UG/KG	.	6.98	2.60
1487	TOXAPHENE	3	17023	.	1103.45	UG/KG	.	7.01	14.50
1489	TOXAPHENE	3	17041	.	540.06	UG/KG	.	6.29	34.10
1490	TOXAPHENE	3	17027	.	1044.00	UG/KG	.	6.95	2.00
1492	TOXAPHENE	3	17010	.	559.19	UG/KG	.	6.33	60.20
1497	TOXAPHENE	3	17015	.	10526.32	UG/KG	.	9.26	0.19
1498	TOXAPHENE	3		.	945.13	UG/KG	.	6.85	4.50
1502	TOXAPHENE	3	17073	.	1054.48	UG/KG	.	6.96	2.90
1504	TOXAPHENE	3	17078	.	1532.26	UG/KG	.	7.33	0.93
1505	TOXAPHENE	3	17152	.	1037.18	UG/KG	.	6.94	26.20
1507	TOXAPHENE	3	17154	.	500.19	UG/KG	.	6.21	67.30
1508	TOXAPHENE	3	17084	.	5087.41	UG/KG	.	8.53	2.70
1511	TOXAPHENE	3	17139	.	809.21	UG/KG	.	6.70	41.60
1513	TOXAPHENE	3	17083	.	1240.31	UG/KG	.	7.12	1.29
1517	TOXAPHENE	3	17002	.	620.73	UG/KG	.	6.43	53.70
1518	TOXAPHENE	3	17003	.	515.72	UG/KG	.	6.25	65.60
1519	TOXAPHENE	3	17005	.	1080.93	UG/KG	.	6.99	11.80
1525	TOXAPHENE	3	17001	.	574.32	UG/KG	.	6.35	59.20
1526	TOXAPHENE	3		.	949.08	UG/KG	.	6.86	27.75
1537	TOXAPHENE	3	17090	.	1098.90	UG/KG	.	7.00	17.30
1541	TOXAPHENE	3	17091	.	1069.60	UG/KG	.	6.98	5.00
1542	TOXAPHENE	3	17089	.	442.71	UG/KG	.	6.09	76.80
1546	TOXAPHENE	3	16804	.	1029.03	UG/KG	.	6.94	22.60
1547	TOXAPHENE	3	17070	.	746.41	UG/KG	.	6.62	45.10
1548	TOXAPHENE	3	17067	.	1168.07	UG/KG	.	7.06	18.10
1560	TOXAPHENE	3	16883	.	475.24	UG/KG	.	6.16	71.40
1561	TOXAPHENE	3	16891	.	1092.73	UG/KG	.	7.00	2.20
1561	TOXAPHENE	3	16892	.	483.31	UG/KG	.	6.18	68.30
1563	TOXAPHENE	3	17143	.	1647.92	UG/KG	.	7.41	2.65
1566	TOXAPHENE	3		.	1118.07	UG/KG	.	7.02	1.15

ANALYTE=TOXAPHENE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	TOXAPHENE	4	16525	.	333.33	UG/KG	.	5.81	100.00
1363	TOXAPHENE	4	16526	.	1388.75	UG/KG	.	7.24	0.80
1388	TOXAPHENE	4	16815	.	78.13	UG/KG	.	4.36	25.60
1389	TOXAPHENE	4	16835	.	832.93	UG/KG	.	6.72	34.80
1401	TOXAPHENE	4	16802	.	1712.00	UG/KG	.	7.45	1.00
1407	TOXAPHENE	4	16842	.	902.78	UG/KG	.	6.81	37.40
1408	TOXAPHENE	4	16540	.	161.52	UG/KG	.	5.08	15.10
1414	TOXAPHENE	4	16744	.	1241.05	UG/KG	.	7.12	1.90
1415	TOXAPHENE	4	16750	.	2222.00	UG/KG	.	7.71	0.50
1417	TOXAPHENE	4	16742	.	740.67	UG/KG	.	6.61	1.50
1420	TOXAPHENE	4	16864	.	1045.42	UG/KG	.	6.95	10.70
1427	TOXAPHENE	4	16867	.	629.47	UG/KG	.	6.44	52.80
1430	TOXAPHENE	4	16537	.	511.58	UG/KG	.	6.24	66.00
1431	TOXAPHENE	4	16538	.	931.23	UG/KG	.	6.84	20.30
1432	TOXAPHENE	4	16539	.	801.50	UG/KG	.	6.69	42.00
1441	TOXAPHENE	4	16798	.	918.21	UG/KG	.	6.82	2.80
1442	TOXAPHENE	4	16797	.	520.33	UG/KG	.	6.25	64.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=TOXAPHENE STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1445	TOXAPHENE	4	16871	.	1755.88	UG/KG	.	7.47	1.70
1455	TOXAPHENE	4	16837	.	756.65	UG/KG	.	6.63	44.80
1459	TOXAPHENE	4	16747	.	1666.25	UG/KG	.	7.42	0.80
1461	TOXAPHENE	4	16852	.	8695.65	UG/KG	.	9.07	0.23
1464	TOXAPHENE	4	16876	.	1657.43	UG/KG	.	7.41	19.10
1465	TOXAPHENE	4	16877	.	752.08	UG/KG	.	6.62	4.80
1466	TOXAPHENE	4	17026	.	1168.70	UG/KG	.	7.06	2.30
1467	TOXAPHENE	4	17030	.	2094.17	UG/KG	.	7.65	1.20
1468	TOXAPHENE	4	17151	.	843.87	UG/KG	.	6.74	39.50
1470	TOXAPHENE	4	16880	.	1000.00	UG/KG	.	6.91	1.20
1478	TOXAPHENE	4	17060	.	559.12	UG/KG	.	6.33	3.40
1488	TOXAPHENE	4	17029	.	544.87	UG/KG	.	6.30	62.40
1491	TOXAPHENE	4	17011	.	4166.67	UG/KG	.	8.33	0.48
1496	TOXAPHENE	4	17075	.	932.40	UG/KG	.	6.84	2.50
1501	TOXAPHENE	4	17074	.	958.40	UG/KG	.	6.87	9.40
1506	TOXAPHENE	4	17153	.	839.49	UG/KG	.	6.73	37.50
1509	TOXAPHENE	4	17042	.	714.29	UG/KG	.	6.57	47.60
1512	TOXAPHENE	4	17138	.	1266.85	UG/KG	.	7.14	14.30
1516	TOXAPHENE	4	17004	.	1333.00	UG/KG	.	7.20	1.00
1527	TOXAPHENE	4	17040	.	437.08	UG/KG	.	6.08	72.70
1532	TOXAPHENE	4	17007	.	802.63	UG/KG	.	6.69	41.90
1539	TOXAPHENE	4		.	1078.72	UG/KG	.	6.98	1.07
1549	TOXAPHENE	4	17048	.	985.87	UG/KG	.	6.89	6.30
1551	TOXAPHENE	4		.	2140.00	UG/KG	.	7.67	0.60
1555	TOXAPHENE	4	17035	.	1233.14	UG/KG	.	7.12	5.10

---------- ANALYTE=TRICHLOROETHENE STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	TRICHLOROETHENE	1	16821	.	617.28	UG/KG	.	6.43	11.90
1391	TRICHLOROETHENE	1	16885	.	384.62	UG/KG	.	5.95	21.80
1419	TRICHLOROETHENE	1	16739	24.19	.	UG/KG	3.19	.	44.00
1436	TRICHLOROETHENE	1	17036	.	23.81	UG/KG	.	3.17	38.20
1436	TRICHLOROETHENE	1	17145	.	45.45	UG/KG	.	3.82	39.90
1436	TRICHLOROETHENE	1	17149	.	33.33	UG/KG	.	3.51	40.90
1437	TRICHLOROETHENE	1	17033	.	60.24	UG/KG	.	4.10	16.30
1438	TRICHLOROETHENE	1	17034	.	53.76	UG/KG	.	3.98	19.10
1451	TRICHLOROETHENE	1	16887	.	909.09	UG/KG	.	6.81	1.10
1452	TRICHLOROETHENE	1	16889	.	15.15	UG/KG	.	2.72	61.80
1452	TRICHLOROETHENE	1	16890	.	16.13	UG/KG	.	2.78	63.40
1469	TRICHLOROETHENE	1		.	384.62	UG/KG	.	5.95	23.90
1471	TRICHLOROETHENE	1	17046	.	41.67	UG/KG	.	3.73	25.30
1471	TRICHLOROETHENE	1	17052	.	50.00	UG/KG	.	3.91	20.90
1530	TRICHLOROETHENE	1	17020	.	18.52	UG/KG	.	2.92	32.60
1530	TRICHLOROETHENE	1	17038	.	10.20	UG/KG	.	2.32	9.30
1533	TRICHLOROETHENE	1	17022	.	1190.48	UG/KG	.	7.08	2.10
1534	TRICHLOROETHENE	1	17081	.	11.36	UG/KG	.	2.43	75.00
1543	TRICHLOROETHENE	1	17065	.	71.43	UG/KG	.	4.27	15.00
1543	TRICHLOROETHENE	1	17130	.	18.52	UG/KG	.	2.92	50.50
1543	TRICHLOROETHENE	1	17141	.	62.50	UG/KG	.	4.14	18.10
1550	TRICHLOROETHENE	1		.	1388.89	UG/KG	.	7.24	10.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=TRICHLOROETHENE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1552	TRICHLOROETHENE	1		.	2173.91	UG/KG	.	7.68	3.80
1553	TRICHLOROETHENE	1	16884	.	500.00	UG/KG	.	6.21	2.00
1556	TRICHLOROETHENE	1	16896	.	5952.38	UG/KG	.	8.69	1.80
1559	TRICHLOROETHENE	1		.	106.43	UG/KG	.	4.67	8.45

ANALYTE=TRICHLOROETHENE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	TRICHLOROETHENE	2	16527	.	8771.93	UG/KG	.	9.08	19.20
1365	TRICHLOROETHENE	2	16528	.	1923.08	UG/KG	.	7.56	3.00
1366	TRICHLOROETHENE	2	16814	.	357.14	UG/KG	.	5.88	25.00
1369	TRICHLOROETHENE	2	16818	.	5681.82	UG/KG	.	8.65	17.80
1380	TRICHLOROETHENE	2		.	30.33	UG/KG	.	3.41	30.55
1390	TRICHLOROETHENE	2	16834	.	357.14	UG/KG	.	5.88	32.20
1392	TRICHLOROETHENE	2		.	11634.20	UG/KG	.	9.36	21.55
1393	TRICHLOROETHENE	2	16529	.	1923.08	UG/KG	.	7.56	5.10
1399	TRICHLOROETHENE	2		.	2440.48	UG/KG	.	7.80	4.15
1400	TRICHLOROETHENE	2	16810	.	500.00	UG/KG	.	6.21	2.30
1403	TRICHLOROETHENE	2	16811	.	15.63	UG/KG	.	2.75	71.70
1410	TRICHLOROETHENE	2	16833	.	515.46	UG/KG	.	6.25	30.80
1413	TRICHLOROETHENE	2	17025	.	294.12	UG/KG	.	5.68	2.80
1413	TRICHLOROETHENE	2	17061	.	54.95	UG/KG	.	4.01	18.10
1418	TRICHLOROETHENE	2	16743	.	847.46	UG/KG	.	6.74	3.70
1421	TRICHLOROETHENE	2		.	500.00	UG/KG	.	6.21	1.85
1422	TRICHLOROETHENE	2	16831	.	500.00	UG/KG	.	6.21	18.30
1423	TRICHLOROETHENE	2	16832	1224.85	.	UG/KG	7.11	.	20.40
1424	TRICHLOROETHENE	2	16799	.	68.49	UG/KG	.	4.23	14.30
1426	TRICHLOROETHENE	2	16868	.	3125.00	UG/KG	.	8.05	3.10
1429	TRICHLOROETHENE	2		.	57.48	UG/KG	.	4.05	17.05
1443	TRICHLOROETHENE	2	16823	.	217.39	UG/KG	.	5.38	4.40
1443	TRICHLOROETHENE	2	16825	.	217.39	UG/KG	.	5.38	3.90
1447	TRICHLOROETHENE	2		.	625.00	UG/KG	.	6.44	3.60
1453	TRICHLOROETHENE	2	16888	.	5000.00	UG/KG	.	8.52	18.60
1454	TRICHLOROETHENE	2	16838	.	333.33	UG/KG	.	5.81	38.30
1454	TRICHLOROETHENE	2	16839	.	609.76	UG/KG	.	6.41	20.00
1456	TRICHLOROETHENE	2	17021	.	357.14	UG/KG	.	5.88	2.00
1460	TRICHLOROETHENE	2	16879	.	25.00	UG/KG	.	3.22	33.20
1463	TRICHLOROETHENE	2	16873	.	250.00	UG/KG	.	5.52	3.80
1463	TRICHLOROETHENE	2	16874	.	45.45	UG/KG	.	3.82	63.60
1481	TRICHLOROETHENE	2	17136	.	67.57	UG/KG	.	4.21	14.80
1482	TRICHLOROETHENE	2		.	51.55	UG/KG	.	3.94	19.90
1484	TRICHLOROETHENE	2	17024	.	454.55	UG/KG	.	6.12	21.00
1485	TRICHLOROETHENE	2	17132	.	384.62	UG/KG	.	5.95	4.64
1485	TRICHLOROETHENE	2	17133	.	632.91	UG/KG	.	6.45	15.20
1493	TRICHLOROETHENE	2		.	67.07	UG/KG	.	4.21	82.80
1495	TRICHLOROETHENE	2	17155	.	29.41	UG/KG	.	3.38	44.30
1499	TRICHLOROETHENE	2	17019	.	1020.41	UG/KG	.	6.93	4.90
1500	TRICHLOROETHENE	2		.	50.51	UG/KG	.	3.92	20.05
1503	TRICHLOROETHENE	2	17079	54.41	.	UG/KG	4.00	.	31.90
1510	TRICHLOROETHENE	2	17072	.	76.92	UG/KG	.	4.34	10.60
1514	TRICHLOROETHENE	2	17085	.	116.28	UG/KG	.	4.76	11.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=TRICHLOROETHENE STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1515	TRICHLOROETHENE	2		.	10.31	UG/KG	.	2.33	94.30
1520	TRICHLOROETHENE	2	16855	.	23.81	UG/KG	.	3.17	41.10
1521	TRICHLOROETHENE	2	16860	.	50.00	UG/KG	.	3.91	19.20
1522	TRICHLOROETHENE	2	16853	.	58.14	UG/KG	.	4.06	17.50
1523	TRICHLOROETHENE	2		.	20.13	UG/KG	.	3.00	50.00
1524	TRICHLOROETHENE	2	16854	.	45.45	UG/KG	.	3.82	26.30
1524	TRICHLOROETHENE	2	16856	.	45.45	UG/KG	.	3.82	23.60
1529	TRICHLOROETHENE	2	17086	.	29.41	UG/KG	.	3.38	13.00
1535	TRICHLOROETHENE	2	17088	.	892.86	UG/KG	.	6.79	2.80
1538	TRICHLOROETHENE	2	17087	.	10.00	UG/KG	.	2.30	70.50
1540	TRICHLOROETHENE	2	17093	.	10.64	UG/KG	.	2.36	24.40
1544	TRICHLOROETHENE	2	16803	.	500.00	UG/KG	.	6.21	20.30
1545	TRICHLOROETHENE	2	16805	.	454.55	UG/KG	.	6.12	20.60
1554	TRICHLOROETHENE	2	17066	.	13.51	UG/KG	.	2.60	77.90
1554	TRICHLOROETHENE	2	17071	51.57	.	UG/KG	3.94	.	27.90
1558	TRICHLOROETHENE	2	16801	.	561.80	UG/KG	.	6.33	14.90
1564	TRICHLOROETHENE	2	17043	.	41.67	UG/KG	.	3.73	25.50
1564	TRICHLOROETHENE	2	17049	.	20.00	UG/KG	.	3.00	48.70

---------- ANALYTE=TRICHLOROETHENE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	TRICHLOROETHENE	3	16532	.	23809.53	UG/KG	.	10.08	5.50
1367	TRICHLOROETHENE	3	16533	.	71428.57	UG/KG	.	11.18	16.30
1367	TRICHLOROETHENE	3	16534	.	135.14	UG/KG	.	4.91	89.60
1370	TRICHLOROETHENE	3	16817	.	7575.76	UG/KG	.	8.93	14.20
1381	TRICHLOROETHENE	3	16819	.	31250.01	UG/KG	.	10.35	3.40
1382	TRICHLOROETHENE	3	16816	.	13.89	UG/KG	.	2.63	74.50
1384	TRICHLOROETHENE	3	16536	.	294.12	UG/KG	.	5.68	33.20
1385	TRICHLOROETHENE	3	16886	.	2083.33	UG/KG	.	7.64	4.30
1395	TRICHLOROETHENE	3	16861	.	384.62	UG/KG	.	5.95	2.30
1395	TRICHLOROETHENE	3	16862	.	50.00	UG/KG	.	3.91	19.10
1396	TRICHLOROETHENE	3	16830	.	5494.51	UG/KG	.	8.61	3.20
1397	TRICHLOROETHENE	3	16851	.	1190.48	UG/KG	.	7.08	7.80
1402	TRICHLOROETHENE	3	16809	.	769.23	UG/KG	.	6.65	1.40
1404	TRICHLOROETHENE	3		.	500.00	UG/KG	.	6.21	2.00
1405	TRICHLOROETHENE	3	16843	.	694.44	UG/KG	.	6.54	15.20
1405	TRICHLOROETHENE	3	16844	.	19.23	UG/KG	.	2.96	53.80
1406	TRICHLOROETHENE	3	16841	.	833.33	UG/KG	.	6.73	1.60
1409	TRICHLOROETHENE	3		.	2272.73	UG/KG	.	7.73	4.55
1411	TRICHLOROETHENE	3	16826	.	11.90	UG/KG	.	2.48	80.90
1412	TRICHLOROETHENE	3	16829	.	294.12	UG/KG	.	5.68	3.50
1416	TRICHLOROETHENE	3		.	272.06	UG/KG	.	5.61	35.80
1425	TRICHLOROETHENE	3	16878	.	531.91	UG/KG	.	6.28	19.50
1428	TRICHLOROETHENE	3	16869	.	2000.00	UG/KG	.	7.60	0.50
1433	TRICHLOROETHENE	3	16800	.	11.11	UG/KG	.	2.41	89.30
1434	TRICHLOROETHENE	3	16806	.	38.46	UG/KG	.	3.65	17.70
1435	TRICHLOROETHENE	3	17016	.	9.26	UG/KG	.	2.23	65.40
1439	TRICHLOROETHENE	3	17047	.	100.00	UG/KG	.	4.61	10.10
1440	TRICHLOROETHENE	3	17050	51.49	.	UG/KG	3.94	.	19.10
1448	TRICHLOROETHENE	3	16745	.	15.63	UG/KG	.	2.75	62.60

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NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=TRICHLOROETHENE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	TRICHLOROETHENE	3	16746	.	1000.00	UG/KG	.	6.91	10.90
1449	TRICHLOROETHENE	3		.	458.13	UG/KG	.	6.13	2.35
1462	TRICHLOROETHENE	3	16849	3301.71	.	UG/KG	8.10	.	7.20
1472	TRICHLOROETHENE	3		.	47.73	UG/KG	.	3.87	20.45
1474	TRICHLOROETHENE	3	17031	.	64.94	UG/KG	.	4.17	15.20
1475	TRICHLOROETHENE	3	17028	.	33.33	UG/KG	.	3.51	30.70
1476	TRICHLOROETHENE	3		.	43.56	UG/KG	.	3.77	23.50
1479	TRICHLOROETHENE	3	17144	.	35.71	UG/KG	.	3.58	30.10
1479	TRICHLOROETHENE	3	17150	.	568.18	UG/KG	.	6.34	1.76
1480	TRICHLOROETHENE	3	17044	.	250.00	UG/KG	.	5.52	3.60
1486	TRICHLOROETHENE	3	17131	.	312.50	UG/KG	.	5.74	2.60
1487	TRICHLOROETHENE	3	17023	.	45.45	UG/KG	.	3.82	14.50
1489	TRICHLOROETHENE	3	17041	1227.50	.	UG/KG	7.11	.	34.10
1490	TRICHLOROETHENE	3	17027	.	454.55	UG/KG	.	6.12	2.00
1492	TRICHLOROETHENE	3	17010	.	9.43	UG/KG	.	2.24	60.20
1497	TRICHLOROETHENE	3	17015	.	5263.16	UG/KG	.	8.57	0.19
1498	TRICHLOROETHENE	3		.	556.66	UG/KG	.	6.32	4.50
1502	TRICHLOROETHENE	3	17073	.	357.14	UG/KG	.	5.88	2.90
1504	TRICHLOROETHENE	3	17078	.	1000.00	UG/KG	.	6.91	0.93
1505	TRICHLOROETHENE	3	17152	.	35.71	UG/KG	.	3.58	26.20
1507	TRICHLOROETHENE	3	17154	.	14.71	UG/KG	.	2.69	67.30
1508	TRICHLOROETHENE	3	17084	.	370.37	UG/KG	.	5.91	2.70
1511	TRICHLOROETHENE	3	17139	.	41.67	UG/KG	.	3.73	41.60
1513	TRICHLOROETHENE	3	17083	.	775.19	UG/KG	.	6.65	1.29
1517	TRICHLOROETHENE	3	17002	.	16.67	UG/KG	.	2.81	53.70
1518	TRICHLOROETHENE	3	17003	.	14.29	UG/KG	.	2.66	65.60
1519	TRICHLOROETHENE	3	17005	.	64.94	UG/KG	.	4.17	11.80
1525	TRICHLOROETHENE	3	17001	.	22.73	UG/KG	.	3.12	59.20
1526	TRICHLOROETHENE	3		.	10.64	UG/KG	.	2.36	27.75
1537	TRICHLOROETHENE	3	17090	.	29.41	UG/KG	.	3.38	17.30
1541	TRICHLOROETHENE	3	17091	.	200.00	UG/KG	.	5.30	5.00
1542	TRICHLOROETHENE	3	17089	.	14.29	UG/KG	.	2.66	76.80
1546	TRICHLOROETHENE	3	16804	.	384.62	UG/KG	.	5.95	22.60
1547	TRICHLOROETHENE	3	17070	.	21.74	UG/KG	.	3.08	45.10
1548	TRICHLOROETHENE	3	17067	.	56.82	UG/KG	.	4.04	18.10
1560	TRICHLOROETHENE	3	16883	.	23.81	UG/KG	.	3.17	71.40
1561	TRICHLOROETHENE	3	16891	.	357.14	UG/KG	.	5.88	2.20
1561	TRICHLOROETHENE	3	16892	.	13.51	UG/KG	.	2.60	68.30
1563	TRICHLOROETHENE	3	17143	.	377.36	UG/KG	.	5.93	2.65
1565	TRICHLOROETHENE	3	17057	.	1666.67	UG/KG	.	7.42	0.75
1566	TRICHLOROETHENE	3		.	1704.55	UG/KG	.	7.44	1.15

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NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=TRICHLOROETHENE STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	TRICHLOROETHENE	4	16525	.	11.36	UG/KG	.	2.43	100.00
1362	TRICHLOROETHENE	4	16531	.	10.00	UG/KG	.	2.30	100.00
1363	TRICHLOROETHENE	4	16526	.	909.09	UG/KG	.	6.81	0.80
1388	TRICHLOROETHENE	4	16815	.	666.67	UG/KG	.	6.50	25.60
1389	TRICHLOROETHENE	4	16835	.	41.67	UG/KG	.	3.73	34.80
1401	TRICHLOROETHENE	4	16802	.	757.58	UG/KG	.	6.63	1.00
1407	TRICHLOROETHENE	4	16842	.	263.16	UG/KG	.	5.57	37.40
1408	TRICHLOROETHENE	4	16540	.	1428.57	UG/KG	.	7.26	15.10
1414	TRICHLOROETHENE	4	16744	.	537.63	UG/KG	.	6.29	1.90
1415	TRICHLOROETHENE	4	16750	.	1666.67	UG/KG	.	7.42	0.50
1417	TRICHLOROETHENE	4	16742	.	666.67	UG/KG	.	6.50	1.50
1420	TRICHLOROETHENE	4	16864	.	94.34	UG/KG	.	4.55	10.70
1427	TRICHLOROETHENE	4	16867	.	208.33	UG/KG	.	5.34	52.80
1430	TRICHLOROETHENE	4	16537	.	15.63	UG/KG	.	2.75	66.00
1431	TRICHLOROETHENE	4	16538	.	510.20	UG/KG	.	6.23	20.30
1432	TRICHLOROETHENE	4	16539	.	21.74	UG/KG	.	3.08	42.00
1441	TRICHLOROETHENE	4	16798	.	357.14	UG/KG	.	5.88	2.80
1442	TRICHLOROETHENE	4	16797	.	16.67	UG/KG	.	2.81	64.00
1445	TRICHLOROETHENE	4	16871	.	500.00	UG/KG	.	6.21	1.70
1455	TRICHLOROETHENE	4	16837	.	23.81	UG/KG	.	3.17	44.80
1459	TRICHLOROETHENE	4	16747	.	1428.57	UG/KG	.	7.26	0.80
1461	TRICHLOROETHENE	4	16852	.	5000.00	UG/KG	.	8.52	0.23
1464	TRICHLOROETHENE	4	16876	.	22.73	UG/KG	.	3.12	19.10
1465	TRICHLOROETHENE	4	16877	.	2173.91	UG/KG	.	7.68	4.80
1466	TRICHLOROETHENE	4	17026	.	549.45	UG/KG	.	6.31	2.30
1467	TRICHLOROETHENE	4	17030	.	909.09	UG/KG	.	6.81	1.20
1468	TRICHLOROETHENE	4	17151	.	35.71	UG/KG	.	3.58	39.50
1470	TRICHLOROETHENE	4	16880	.	909.09	UG/KG	.	6.81	1.20
1478	TRICHLOROETHENE	4	17060	.	312.50	UG/KG	.	5.74	3.40
1488	TRICHLOROETHENE	4	17029	.	16.67	UG/KG	.	2.81	62.40
1491	TRICHLOROETHENE	4	17011	.	2083.33	UG/KG	.	7.64	0.48
1496	TRICHLOROETHENE	4	17075	.	416.67	UG/KG	.	6.03	2.50
1501	TRICHLOROETHENE	4	17074	.	131.58	UG/KG	.	4.88	9.40
1506	TRICHLOROETHENE	4	17153	.	31.25	UG/KG	.	3.44	37.50
1509	TRICHLOROETHENE	4	17042	.	35.71	UG/KG	.	3.58	47.60
1512	TRICHLOROETHENE	4	17138	.	59.52	UG/KG	.	4.09	14.30
1516	TRICHLOROETHENE	4	17004	.	1000.00	UG/KG	.	6.91	1.00
1527	TRICHLOROETHENE	4	17040	.	12.82	UG/KG	.	2.55	72.70
1532	TRICHLOROETHENE	4	17007	.	22.73	UG/KG	.	3.12	41.90
1539	TRICHLOROETHENE	4		.	2084.78	UG/KG	.	7.64	1.07
1549	TRICHLOROETHENE	4	17048	.	166.67	UG/KG	.	5.12	6.30
1551	TRICHLOROETHENE	4		.	740.20	UG/KG	.	6.61	0.60
1555	TRICHLOROETHENE	4	17035	.	3125.00	UG/KG	.	8.05	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=ZINC STRATUM=1 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	ZINC	1	16821	930.00	.	MG/KG	6.84	.	11.90
1391	ZINC	1	16885	2120.00	.	MG/KG	7.66	.	21.80
1419	ZINC	1	16739	3260.00	.	MG/KG	8.09	.	44.00
1436	ZINC	1	17036	1550.00	.	MG/KG	7.35	.	38.20
1436	ZINC	1	17145	582.00	.	MG/KG	6.37	.	39.90
1436	ZINC	1	17149	1100.00	.	MG/KG	7.00	.	40.90
1437	ZINC	1	17033	1310.00	.	MG/KG	7.18	.	16.30
1438	ZINC	1	17034	1250.00	.	MG/KG	7.13	.	19.10
1451	ZINC	1	16887	1040.00	.	MG/KG	6.95	.	1.10
1452	ZINC	1	16889	3070.00	.	MG/KG	8.03	.	61.80
1452	ZINC	1	16890	2450.00	.	MG/KG	7.80	.	63.40
1469	ZINC	1		1300.00	.	MG/KG	7.17	.	23.90
1471	ZINC	1	17046	1760.00	.	MG/KG	7.47	.	25.30
1471	ZINC	1	17052	2210.00	.	MG/KG	7.70	.	20.90
1530	ZINC	1	17020	470.00	.	MG/KG	6.15	.	32.60
1530	ZINC	1	17038	851.00	.	MG/KG	6.75	.	9.30
1533	ZINC	1	17022	1020.00	.	MG/KG	6.93	.	2.10
1534	ZINC	1	17081	390.00	.	MG/KG	5.97	.	75.00
1543	ZINC	1	17065	344.00	.	MG/KG	5.84	.	15.00
1543	ZINC	1	17130	392.00	.	MG/KG	5.97	.	50.50
1543	ZINC	1	17141	649.00	.	MG/KG	6.48	.	18.10
1550	ZINC	1		1275.00	.	MG/KG	7.15	.	10.40
1552	ZINC	1		2035.00	.	MG/KG	7.62	.	3.80
1553	ZINC	1	16884	1170.00	.	MG/KG	7.06	.	2.00
1556	ZINC	1	16896	2060.00	.	MG/KG	7.63	.	1.80
1559	ZINC	1		978.00	.	MG/KG	6.89	.	8.45

---------- ANALYTE=ZINC STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	ZINC	2	16527	732.00	.	MG/KG	6.60	.	19.20
1365	ZINC	2	16528	1350.00	.	MG/KG	7.21	.	3.00
1366	ZINC	2	16814	605.00	.	MG/KG	6.41	.	25.00
1369	ZINC	2	16818	581.00	.	MG/KG	6.36	.	17.80
1380	ZINC	2		725.00	.	MG/KG	6.59	.	30.55
1390	ZINC	2	16834	337.00	.	MG/KG	5.82	.	32.20
1392	ZINC	2		543.50	.	MG/KG	6.30	.	21.55
1393	ZINC	2	16529	694.00	.	MG/KG	6.54	.	5.10
1399	ZINC	2		439.00	.	MG/KG	6.08	.	4.15
1400	ZINC	2	16810	1280.00	.	MG/KG	7.15	.	2.30
1403	ZINC	2	16811	2820.00	.	MG/KG	7.94	.	71.70
1410	ZINC	2	16833	1990.00	.	MG/KG	7.60	.	30.80
1413	ZINC	2	17025	3420.00	.	MG/KG	8.14	.	2.80
1413	ZINC	2	17061	3130.00	.	MG/KG	8.05	.	18.10
1418	ZINC	2	16743	940.00	.	MG/KG	6.85	.	3.70
1421	ZINC	2		1110.00	.	MG/KG	7.01	.	1.85
1422	ZINC	2	16831	13300.00	.	MG/KG	9.50	.	18.30
1423	ZINC	2	16832	10700.00	.	MG/KG	9.28	.	20.40
1424	ZINC	2	16799	443.00	.	MG/KG	6.09	.	14.30
1426	ZINC	2	16868	1830.00	.	MG/KG	7.51	.	3.10
1429	ZINC	2		1180.00	.	MG/KG	7.07	.	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=ZINC STRATUM=2 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	ZINC	2	16823	618.00	.	MG/KG	6.43	.	4.40
1443	ZINC	2	16825	722.00	.	MG/KG	6.58	.	3.90
1447	ZINC	2		1910.00	.	MG/KG	7.55	.	3.60
1453	ZINC	2	16888	1560.00	.	MG/KG	7.35	.	18.60
1454	ZINC	2	16838	4350.00	.	MG/KG	8.38	.	38.30
1454	ZINC	2	16839	2430.00	.	MG/KG	7.80	.	20.00
1456	ZINC	2	17021	4680.00	.	MG/KG	8.45	.	2.00
1460	ZINC	2	16879	1750.00	.	MG/KG	7.47	.	33.20
1463	ZINC	2	16873	6160.00	.	MG/KG	8.73	.	3.80
1463	ZINC	2	16874	1980.00	.	MG/KG	7.59	.	63.60
1481	ZINC	2	17136	1040.00	.	MG/KG	6.95	.	14.80
1482	ZINC	2		875.00	.	MG/KG	6.77	.	19.90
1484	ZINC	2	17024	909.00	.	MG/KG	6.81	.	21.00
1485	ZINC	2	17132	874.00	.	MG/KG	6.77	.	4.64
1485	ZINC	2	17133	1050.00	.	MG/KG	6.96	.	15.20
1493	ZINC	2		877.00	.	MG/KG	6.78	.	82.80
1495	ZINC	2	17155	420.00	.	MG/KG	6.04	.	44.30
1499	ZINC	2	17019	1020.00	.	MG/KG	6.93	.	4.90
1500	ZINC	2		3275.00	.	MG/KG	8.09	.	20.05
1503	ZINC	2	17079	317.00	.	MG/KG	5.76	.	31.90
1510	ZINC	2	17072	970.00	.	MG/KG	6.88	.	10.60
1514	ZINC	2	17085	256.00	.	MG/KG	5.55	.	11.00
1515	ZINC	2		963.00	.	MG/KG	6.87	.	94.30
1520	ZINC	2	16855	372.00	.	MG/KG	5.92	.	41.10
1521	ZINC	2	16860	2030.00	.	MG/KG	7.62	.	19.20
1522	ZINC	2	16853	392.00	.	MG/KG	5.97	.	17.50
1523	ZINC	2		244.00	.	MG/KG	5.50	.	50.00
1524	ZINC	2	16854	674.00	.	MG/KG	6.51	.	26.30
1524	ZINC	2	16856	918.00	.	MG/KG	6.82	.	23.60
1529	ZINC	2	17086	1760.00	.	MG/KG	7.47	.	13.00
1535	ZINC	2	17088	593.00	.	MG/KG	6.39	.	2.80
1538	ZINC	2	17087	1340.00	.	MG/KG	7.20	.	70.50
1540	ZINC	2	17093	683.00	.	MG/KG	6.53	.	24.40
1544	ZINC	2	16803	515.00	.	MG/KG	6.24	.	20.30
1545	ZINC	2	16805	892.00	.	MG/KG	6.79	.	20.60
1554	ZINC	2	17066	1390.00	.	MG/KG	7.24	.	77.90
1554	ZINC	2	17071	986.00	.	MG/KG	6.89	.	27.90
1558	ZINC	2	16801	1080.00	.	MG/KG	6.98	.	14.90
1564	ZINC	2	17043	1380.00	.	MG/KG	7.23	.	25.50
1564	ZINC	2	17049	1320.00	.	MG/KG	7.19	.	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=ZINC STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	ZINC	3	16532	3040.00	.	MG/KG	8.02	.	5.50
1367	ZINC	3	16533	2650.00	.	MG/KG	7.88	.	16.30
1367	ZINC	3	16534	2880.00	.	MG/KG	7.97	.	89.60
1370	ZINC	3	16817	648.00	.	MG/KG	6.47	.	14.20
1381	ZINC	3	16819	782.00	.	MG/KG	6.66	.	3.40
1382	ZINC	3	16816	270.00	.	MG/KG	5.60	.	74.50
1384	ZINC	3	16536	5190.00	.	MG/KG	8.55	.	33.20
1385	ZINC	3	16886	1110.00	.	MG/KG	7.01	.	4.30
1395	ZINC	3	16861	1580.00	.	MG/KG	7.37	.	2.30
1395	ZINC	3	16862	1510.00	.	MG/KG	7.32	.	19.10
1396	ZINC	3	16830	2660.00	.	MG/KG	7.89	.	3.20
1397	ZINC	3	16851	1140.00	.	MG/KG	7.04	.	7.80
1402	ZINC	3	16809	612.00	.	MG/KG	6.42	.	1.40
1404	ZINC	3		1978.50	.	MG/KG	7.59	.	2.00
1405	ZINC	3	16843	923.00	.	MG/KG	6.83	.	15.20
1405	ZINC	3	16844	613.00	.	MG/KG	6.42	.	53.80
1406	ZINC	3	16841	708.00	.	MG/KG	6.56	.	1.60
1409	ZINC	3		518.50	.	MG/KG	6.25	.	4.55
1411	ZINC	3	16826	564.00	.	MG/KG	6.34	.	80.90
1412	ZINC	3	16829	891.00	.	MG/KG	6.79	.	3.50
1416	ZINC	3		664.00	.	MG/KG	6.50	.	35.80
1425	ZINC	3	16878	3720.00	.	MG/KG	8.22	.	19.50
1428	ZINC	3	16869	344.00	.	MG/KG	5.84	.	0.50
1433	ZINC	3	16800	1330.00	.	MG/KG	7.19	.	89.30
1434	ZINC	3	16806	717.00	.	MG/KG	6.58	.	17.70
1435	ZINC	3	17016	994.00	.	MG/KG	6.90	.	65.40
1439	ZINC	3	17047	551.00	.	MG/KG	6.31	.	10.10
1440	ZINC	3	17050	433.00	.	MG/KG	6.07	.	19.10
1448	ZINC	3	16745	637.00	.	MG/KG	6.46	.	62.60
1448	ZINC	3	16746	83.30	.	MG/KG	4.42	.	10.90
1449	ZINC	3		543.50	.	MG/KG	6.30	.	2.35
1462	ZINC	3	16849	33400.00	.	MG/KG	10.42	.	7.20
1472	ZINC	3		578.50	.	MG/KG	6.36	.	20.45
1474	ZINC	3	17031	1080.00	.	MG/KG	6.98	.	15.20
1475	ZINC	3	17028	807.00	.	MG/KG	6.69	.	30.70
1476	ZINC	3		1175.00	.	MG/KG	7.07	.	23.50
1479	ZINC	3	17144	359.00	.	MG/KG	5.88	.	30.10
1479	ZINC	3	17150	249.00	.	MG/KG	5.52	.	1.76
1480	ZINC	3	17044	1410.00	.	MG/KG	7.25	.	3.60
1486	ZINC	3	17131	644.00	.	MG/KG	6.47	.	2.60
1487	ZINC	3	17023	1470.00	.	MG/KG	7.29	.	14.50
1489	ZINC	3	17041	128.00	.	MG/KG	4.85	.	34.10
1490	ZINC	3	17027	892.00	.	MG/KG	6.79	.	2.00
1492	ZINC	3	17010	68000.00	.	MG/KG	11.13	.	60.20
1497	ZINC	3	17015	1050.00	.	MG/KG	6.96	.	0.19
1498	ZINC	3		422.00	.	MG/KG	6.05	.	4.50
1502	ZINC	3	17073	412.00	.	MG/KG	6.02	.	2.90
1504	ZINC	3	17078	6470.00	.	MG/KG	8.77	.	0.93
1505	ZINC	3	17152	2330.00	.	MG/KG	7.75	.	26.20
1507	ZINC	3	17154	619.00	.	MG/KG	6.43	.	67.30
1508	ZINC	3	17084	669.00	.	MG/KG	6.51	.	2.70
1511	ZINC	3	17139	2830.00	.	MG/KG	7.95	.	41.60
1513	ZINC	3	17083	715.00	.	MG/KG	6.57	.	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=ZINC STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	ZINC	3	17002	1340.00	.	MG/KG	7.20	.	53.70
1518	ZINC	3	17003	1490.00	.	MG/KG	7.31	.	65.60
1519	ZINC	3	17005	3680.00	.	MG/KG	8.21	.	11.80
1525	ZINC	3	17001	1410.00	.	MG/KG	7.25	.	59.20
1526	ZINC	3		567.50	.	MG/KG	6.34	.	27.75
1537	ZINC	3	17090	919.00	.	MG/KG	6.82	.	17.30
1541	ZINC	3	17091	460.00	.	MG/KG	6.13	.	5.00
1542	ZINC	3	17089	1560.00	.	MG/KG	7.35	.	76.80
1546	ZINC	3	16804	559.00	.	MG/KG	6.33	.	22.60
1547	ZINC	3	17070	850.00	.	MG/KG	6.75	.	45.10
1548	ZINC	3	17067	1120.00	.	MG/KG	7.02	.	18.10
1560	ZINC	3	16883	1850.00	.	MG/KG	7.52	.	71.40
1561	ZINC	3	16891	621.00	.	MG/KG	6.43	.	2.20
1561	ZINC	3	16892	600.00	.	MG/KG	6.40	.	68.30
1563	ZINC	3	17143	944.00	.	MG/KG	6.85	.	2.65
1565	ZINC	3	17057	694.00	.	MG/KG	6.54	.	0.75
1566	ZINC	3		391.50	.	MG/KG	5.97	.	1.15

ANALYTE=ZINC STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	ZINC	4	16525	563.00	.	MG/KG	6.33	.	100.00
1363	ZINC	4	16526	941.00	.	MG/KG	6.85	.	0.80
1388	ZINC	4	16815	534.00	.	MG/KG	6.28	.	25.60
1389	ZINC	4	16835	875.00	.	MG/KG	6.77	.	34.80
1401	ZINC	4	16802	289.00	.	MG/KG	5.67	.	1.00
1407	ZINC	4	16842	525.00	.	MG/KG	6.26	.	37.40
1408	ZINC	4	16540	91.10	.	MG/KG	4.51	.	15.10
1414	ZINC	4	16744	726.00	.	MG/KG	6.59	.	1.90
1415	ZINC	4	16750	352.00	.	MG/KG	5.86	.	0.50
1417	ZINC	4	16742	577.00	.	MG/KG	6.36	.	1.50
1420	ZINC	4	16864	1070.00	.	MG/KG	6.98	.	10.70
1427	ZINC	4	16867	108.00	.	MG/KG	4.68	.	52.80
1430	ZINC	4	16537	1390.00	.	MG/KG	7.24	.	66.00
1431	ZINC	4	16538	828.00	.	MG/KG	6.72	.	20.30
1432	ZINC	4	16539	1090.00	.	MG/KG	6.99	.	42.00
1441	ZINC	4	16798	700.00	.	MG/KG	6.55	.	2.80
1442	ZINC	4	16797	37.80	.	MG/KG	3.63	.	64.00
1445	ZINC	4	16871	970.00	.	MG/KG	6.88	.	1.70
1455	ZINC	4	16837	2600.00	.	MG/KG	7.86	.	44.80
1459	ZINC	4	16747	385.00	.	MG/KG	5.95	.	0.80
1461	ZINC	4	16852	731.00	.	MG/KG	6.59	.	0.23
1464	ZINC	4	16876	4820.00	.	MG/KG	8.48	.	19.10
1465	ZINC	4	16877	4480.00	.	MG/KG	8.41	.	4.80
1466	ZINC	4	17026	872.00	.	MG/KG	6.77	.	2.30
1467	ZINC	4	17030	613.00	.	MG/KG	6.42	.	1.20
1468	ZINC	4	17151	470.00	.	MG/KG	6.15	.	39.50
1470	ZINC	4	16880	422.00	.	MG/KG	6.05	.	1.20
1478	ZINC	4	17060	342.00	.	MG/KG	5.83	.	3.40
1488	ZINC	4	17029	728.00	.	MG/KG	6.59	.	62.40
1491	ZINC	4	17011	642.00	.	MG/KG	6.46	.	0.48

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=ZINC STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1496	ZINC	4	17075	2770.00	.	MG/KG	7.93	.	2.50
1501	ZINC	4	17074	1160.00	.	MG/KG	7.06	.	9.40
1506	ZINC	4	17153	434.00	.	MG/KG	6.07	.	37.50
1509	ZINC	4	17042	532.00	.	MG/KG	6.28	.	47.60
1512	ZINC	4	17138	2010.00	.	MG/KG	7.61	.	14.30
1516	ZINC	4	17004	1780.00	.	MG/KG	7.48	.	1.00
1527	ZINC	4	17040	325.00	.	MG/KG	5.78	.	72.70
1532	ZINC	4	17007	1250.00	.	MG/KG	7.13	.	41.90
1539	ZINC	4		280.50	.	MG/KG	5.64	.	1.07
1549	ZINC	4	17048	460.00	.	MG/KG	6.13	.	6.30
1551	ZINC	4		893.00	.	MG/KG	6.79	.	0.60
1555	ZINC	4	17035	2400.00	.	MG/KG	7.78	.	5.10

ANALYTE=4,4'-DDD STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	4,4'-DDD	1	16821	.	53.36	UG/KG	.	3.98	11.90
1391	4,4'-DDD	1	16885	.	51.56	UG/KG	.	3.94	21.80
1419	4,4'-DDD	1	16739	.	38.25	UG/KG	.	3.64	44.00
1436	4,4'-DDD	1	17036	.	44.06	UG/KG	.	3.79	38.20
1436	4,4'-DDD	1	17145	.	41.78	UG/KG	.	3.73	39.90
1436	4,4'-DDD	1	17149	.	40.76	UG/KG	.	3.71	40.90
1437	4,4'-DDD	1	17033	390.67	.	UG/KG	5.97	.	16.30
1438	4,4'-DDD	1	17034	.	49.11	UG/KG	.	3.89	19.10
1451	4,4'-DDD	1	16887	.	75.45	UG/KG	.	4.32	1.10
1452	4,4'-DDD	1	16889	.	25.92	UG/KG	.	3.26	61.80
1452	4,4'-DDD	1	16890	.	26.21	UG/KG	.	3.27	63.40
1469	4,4'-DDD	1		.	52.67	UG/KG	.	3.96	23.90
1471	4,4'-DDD	1	17046	.	51.58	UG/KG	.	3.94	25.30
1471	4,4'-DDD	1	17052	.	50.91	UG/KG	.	3.93	20.90
1530	4,4'-DDD	1	17020	.	44.08	UG/KG	.	3.79	32.60
1530	4,4'-DDD	1	17038	.	52.69	UG/KG	.	3.96	9.30
1533	4,4'-DDD	1	17022	.	56.19	UG/KG	.	4.03	2.10
1534	4,4'-DDD	1	17081	.	22.44	UG/KG	.	3.11	75.00
1543	4,4'-DDD	1	17065	.	57.40	UG/KG	.	4.05	15.00
1543	4,4'-DDD	1	17130	.	32.67	UG/KG	.	3.49	50.50
1543	4,4'-DDD	1	17141	.	50.39	UG/KG	.	3.92	18.10
1550	4,4'-DDD	1		.	32.71	UG/KG	.	3.49	10.40
1552	4,4'-DDD	1		.	59.74	UG/KG	.	4.09	3.80
1553	4,4'-DDD	1	16884	.	68.00	UG/KG	.	4.22	2.00
1556	4,4'-DDD	1	16896	.	76.11	UG/KG	.	4.33	1.80
1559	4,4'-DDD	1		.	49.14	UG/KG	.	3.89	8.45

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDD STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	4,4'-DDD	2	16527	.	56.35	UG/KG	.	4.03	19.20
1365	4,4'-DDD	2	16528	.	86.00	UG/KG	.	4.45	3.00
1366	4,4'-DDD	2	16814	.	54.64	UG/KG	.	4.00	25.00
1369	4,4'-DDD	2	16818	.	53.20	UG/KG	.	3.97	17.80
1380	4,4'-DDD	2		.	55.55	UG/KG	.	4.02	30.55
1390	4,4'-DDD	2	16834	.	45.53	UG/KG	.	3.82	32.20
1392	4,4'-DDD	2		.	32.93	UG/KG	.	3.49	21.55
1393	4,4'-DDD	2	16529	.	83.73	UG/KG	.	4.43	5.10
1399	4,4'-DDD	2		.	37.35	UG/KG	.	3.62	4.15
1400	4,4'-DDD	2	16810	.	47.83	UG/KG	.	3.87	2.30
1403	4,4'-DDD	2	16811	.	23.47	UG/KG	.	3.16	71.70
1410	4,4'-DDD	2	16833	.	31.53	UG/KG	.	3.45	30.80
1413	4,4'-DDD	2	17025	.	58.57	UG/KG	.	4.07	2.80
1413	4,4'-DDD	2	17061	.	50.66	UG/KG	.	3.93	18.10
1418	4,4'-DDD	2	16743	.	52.70	UG/KG	.	3.96	3.70
1421	4,4'-DDD	2		.	75.99	UG/KG	.	4.33	1.85
1422	4,4'-DDD	2	16831	.	62.40	UG/KG	.	4.13	18.30
1423	4,4'-DDD	2	16832	.	52.94	UG/KG	.	3.97	20.40
1424	4,4'-DDD	2	16799	.	60.28	UG/KG	.	4.10	14.30
1426	4,4'-DDD	2	16868	.	59.68	UG/KG	.	4.09	3.10
1429	4,4'-DDD	2		.	50.11	UG/KG	.	3.91	17.05
1443	4,4'-DDD	2	16823	.	60.23	UG/KG	.	4.10	4.40
1443	4,4'-DDD	2	16825	.	56.15	UG/KG	.	4.03	3.90
1447	4,4'-DDD	2		.	43.61	UG/KG	.	3.78	3.60
1453	4,4'-DDD	2	16888	.	52.10	UG/KG	.	3.95	18.60
1454	4,4'-DDD	2	16838	.	44.05	UG/KG	.	3.79	38.30
1454	4,4'-DDD	2	16839	.	37.00	UG/KG	.	3.61	20.00
1456	4,4'-DDD	2	17021	.	40.00	UG/KG	.	3.69	2.00
1460	4,4'-DDD	2	16879	.	45.09	UG/KG	.	3.81	33.20
1463	4,4'-DDD	2	16873	.	55.00	UG/KG	.	4.01	3.80
1463	4,4'-DDD	2	16874	.	17.28	UG/KG	.	2.85	63.60
1481	4,4'-DDD	2	17136	.	57.97	UG/KG	.	4.06	14.80
1482	4,4'-DDD	2		.	54.94	UG/KG	.	4.01	19.90
1484	4,4'-DDD	2	17024	.	55.90	UG/KG	.	4.02	21.00
1485	4,4'-DDD	2	17132	.	45.26	UG/KG	.	3.81	4.64
1485	4,4'-DDD	2	17133	.	54.67	UG/KG	.	4.00	15.20
1493	4,4'-DDD	2		.	20.40	UG/KG	.	3.02	82.80
1495	4,4'-DDD	2	17155	.	37.63	UG/KG	.	3.63	44.30
1499	4,4'-DDD	2	17019	.	50.00	UG/KG	.	3.91	4.90
1500	4,4'-DDD	2		.	54.08	UG/KG	.	3.99	20.05
1503	4,4'-DDD	2	17079	.	53.29	UG/KG	.	3.98	31.90
1510	4,4'-DDD	2	17072	.	65.66	UG/KG	.	4.18	10.60
1514	4,4'-DDD	2	17085	.	111.36	UG/KG	.	4.71	11.00
1515	4,4'-DDD	2		.	18.01	UG/KG	.	2.89	94.30
1520	4,4'-DDD	2	16855	.	41.24	UG/KG	.	3.72	41.10
1521	4,4'-DDD	2	16860	.	46.35	UG/KG	.	3.84	19.20
1522	4,4'-DDD	2	16853	.	48.69	UG/KG	.	3.89	17.50
1523	4,4'-DDD	2		.	33.82	UG/KG	.	3.52	50.00
1524	4,4'-DDD	2	16854	.	49.13	UG/KG	.	3.89	26.30
1524	4,4'-DDD	2	16856	.	48.81	UG/KG	.	3.89	23.60
1529	4,4'-DDD	2	17086	.	47.46	UG/KG	.	3.86	13.00
1535	4,4'-DDD	2	17088	.	50.00	UG/KG	.	3.91	2.80
1538	4,4'-DDD	2	17087	.	23.40	UG/KG	.	3.15	70.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDD STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1540	4,4'-DDD	2	17093	.	50.00	UG/KG	.	3.91	24.40
1544	4,4'-DDD	2	16803	.	48.87	UG/KG	.	3.89	20.30
1545	4,4'-DDD	2	16805	.	51.84	UG/KG	.	3.95	20.60
1554	4,4'-DDD	2	17066	.	21.40	UG/KG	.	3.06	77.90
1554	4,4'-DDD	2	17071	.	59.75	UG/KG	.	4.09	27.90
1558	4,4'-DDD	2	16801	.	51.01	UG/KG	.	3.93	14.90
1564	4,4'-DDD	2	17043	.	51.61	UG/KG	.	3.94	25.50
1564	4,4'-DDD	2	17049	.	33.57	UG/KG	.	3.51	48.70

ANALYTE=4,4'-DDD STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	4,4'-DDD	3	16532	.	22.73	UG/KG	.	3.12	5.50
1367	4,4'-DDD	3	16533	.	35.46	UG/KG	.	3.57	16.30
1367	4,4'-DDD	3	16534	.	18.92	UG/KG	.	2.94	89.60
1370	4,4'-DDD	3	16817	.	18.73	UG/KG	.	2.93	14.20
1381	4,4'-DDD	3	16819	.	36.76	UG/KG	.	3.60	3.40
1382	4,4'-DDD	3	16816	.	22.79	UG/KG	.	3.13	74.50
1384	4,4'-DDD	3	16536	.	51.14	UG/KG	.	3.93	33.20
1385	4,4'-DDD	3	16886	.	52.33	UG/KG	.	3.96	4.30
1395	4,4'-DDD	3	16861	.	63.04	UG/KG	.	4.14	2.30
1395	4,4'-DDD	3	16862	.	54.19	UG/KG	.	3.99	19.10
1396	4,4'-DDD	3	16830	.	56.56	UG/KG	.	4.04	3.20
1397	4,4'-DDD	3	16851	.	60.51	UG/KG	.	4.10	7.80
1402	4,4'-DDD	3	16809	.	64.29	UG/KG	.	4.16	1.40
1404	4,4'-DDD	3		.	113.07	UG/KG	.	4.73	2.00
1405	4,4'-DDD	3	16843	.	47.70	UG/KG	.	3.86	15.20
1405	4,4'-DDD	3	16844	.	31.41	UG/KG	.	3.45	53.80
1406	4,4'-DDD	3	16841	.	68.75	UG/KG	.	4.23	1.60
1409	4,4'-DDD	3		.	120.18	UG/KG	.	4.79	4.55
1411	4,4'-DDD	3	16826	.	20.93	UG/KG	.	3.04	80.90
1412	4,4'-DDD	3	16829	.	54.00	UG/KG	.	3.99	3.50
1416	4,4'-DDD	3		.	46.99	UG/KG	.	3.85	35.80
1425	4,4'-DDD	3	16878	.	50.77	UG/KG	.	3.93	19.50
1428	4,4'-DDD	3	16869	.	166.00	UG/KG	.	5.11	0.50
1433	4,4'-DDD	3	16800	.	18.98	UG/KG	.	2.94	89.30
1434	4,4'-DDD	3	16806	.	64.80	UG/KG	.	4.17	17.70
1435	4,4'-DDD	3	17016	.	25.73	UG/KG	.	3.25	65.40
1439	4,4'-DDD	3	17047	.	61.68	UG/KG	.	4.12	10.10
1440	4,4'-DDD	3	17050	.	53.30	UG/KG	.	3.98	19.10
1448	4,4'-DDD	3	16745	.	26.25	UG/KG	.	3.27	62.60
1448	4,4'-DDD	3	16746	.	5.50	UG/KG	.	1.71	10.90
1449	4,4'-DDD	3		.	53.12	UG/KG	.	3.97	2.35
1462	4,4'-DDD	3	16849	.	71.81	UG/KG	.	4.27	7.20
1472	4,4'-DDD	3		.	53.57	UG/KG	.	3.98	20.45
1474	4,4'-DDD	3	17031	.	50.00	UG/KG	.	3.91	15.20
1475	4,4'-DDD	3	17028	.	54.30	UG/KG	.	3.99	30.70
1476	4,4'-DDD	3		.	55.05	UG/KG	.	4.01	23.50
1479	4,4'-DDD	3	17144	.	55.91	UG/KG	.	4.02	30.10
1479	4,4'-DDD	3	17150	.	65.91	UG/KG	.	4.19	1.76
1480	4,4'-DDD	3	17044	.	55.56	UG/KG	.	4.02	3.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDD STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1486	4,4'-DDD	3	17131	.	53.85	UG/KG	.	3.99	2.60
1487	4,4'-DDD	3	17023	.	55.17	UG/KG	.	4.01	14.50
1489	4,4'-DDD	3	17041	.	27.01	UG/KG	.	3.30	34.10
1490	4,4'-DDD	3	17027	.	52.00	UG/KG	.	3.95	2.00
1492	4,4'-DDD	3	17010	.	27.96	UG/KG	.	3.33	60.20
1497	4,4'-DDD	3	17015	.	526.32	UG/KG	.	6.27	0.19
1498	4,4'-DDD	3		.	47.24	UG/KG	.	3.86	4.50
1502	4,4'-DDD	3	17073	.	52.76	UG/KG	.	3.97	2.90
1504	4,4'-DDD	3	17078	.	76.34	UG/KG	.	4.34	0.93
1505	4,4'-DDD	3	17152	.	51.87	UG/KG	.	3.95	26.20
1507	4,4'-DDD	3	17154	.	25.01	UG/KG	.	3.22	67.30
1508	4,4'-DDD	3	17084	.	254.44	UG/KG	.	5.54	2.70
1511	4,4'-DDD	3	17139	.	40.46	UG/KG	.	3.70	41.60
1513	4,4'-DDD	3	17083	.	62.02	UG/KG	.	4.13	1.29
1517	4,4'-DDD	3	17002	.	31.04	UG/KG	.	3.44	53.70
1518	4,4'-DDD	3	17003	.	25.79	UG/KG	.	3.25	65.60
1519	4,4'-DDD	3	17005	.	54.07	UG/KG	.	3.99	11.80
1525	4,4'-DDD	3	17001	.	28.72	UG/KG	.	3.36	59.20
1526	4,4'-DDD	3		.	47.47	UG/KG	.	3.86	27.75
1537	4,4'-DDD	3	17090	.	54.97	UG/KG	.	4.01	17.30
1541	4,4'-DDD	3	17091	.	53.40	UG/KG	.	3.98	5.00
1542	4,4'-DDD	3	17089	.	22.14	UG/KG	.	3.10	76.80
1546	4,4'-DDD	3	16804	.	51.46	UG/KG	.	3.94	22.60
1547	4,4'-DDD	3	17070	.	37.32	UG/KG	.	3.62	45.10
1548	4,4'-DDD	3	17067	.	58.40	UG/KG	.	4.07	18.10
1560	4,4'-DDD	3	16883	.	23.77	UG/KG	.	3.17	71.40
1561	4,4'-DDD	3	16891	.	54.55	UG/KG	.	4.00	2.20
1561	4,4'-DDD	3	16892	.	24.16	UG/KG	.	3.18	68.30
1563	4,4'-DDD	3	17143	.	82.26	UG/KG	.	4.41	2.65
1566	4,4'-DDD	3		.	55.76	UG/KG	.	4.02	1.15

ANALYTE=4,4'-DDD STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	4,4'-DDD	4	16525	.	16.67	UG/KG	.	2.81	100.00
1363	4,4'-DDD	4	16526	.	70.00	UG/KG	.	4.25	0.80
1388	4,4'-DDD	4	16815	.	3.91	UG/KG	.	1.36	25.60
1389	4,4'-DDD	4	16835	.	41.64	UG/KG	.	3.73	34.80
1401	4,4'-DDD	4	16802	.	86.00	UG/KG	.	4.45	1.00
1407	4,4'-DDD	4	16842	.	45.13	UG/KG	.	3.81	37.40
1408	4,4'-DDD	4	16540	.	8.08	UG/KG	.	2.09	15.10
1414	4,4'-DDD	4	16744	.	62.11	UG/KG	.	4.13	1.90
1415	4,4'-DDD	4	16750	.	112.00	UG/KG	.	4.72	0.50
1417	4,4'-DDD	4	16742	.	37.33	UG/KG	.	3.62	1.50
1420	4,4'-DDD	4	16864	.	52.24	UG/KG	.	3.96	10.70
1427	4,4'-DDD	4	16867	.	31.48	UG/KG	.	3.45	52.80
1430	4,4'-DDD	4	16537	.	25.58	UG/KG	.	3.24	66.00
1431	4,4'-DDD	4	16538	.	46.55	UG/KG	.	3.84	20.30
1432	4,4'-DDD	4	16539	.	40.07	UG/KG	.	3.69	42.00
1441	4,4'-DDD	4	16798	.	46.07	UG/KG	.	3.83	2.80
1442	4,4'-DDD	4	16797	.	26.02	UG/KG	.	3.26	64.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDD STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1445	4,4'-DDD	4	16871	.	87.65	UG/KG	.	4.47	1.70
1455	4,4'-DDD	4	16837	.	37.83	UG/KG	.	3.63	44.80
1459	4,4'-DDD	4	16747	.	83.75	UG/KG	.	4.43	0.80
1461	4,4'-DDD	4	16852	.	434.78	UG/KG	.	6.07	0.23
1464	4,4'-DDD	4	16876	.	82.88	UG/KG	.	4.42	19.10
1465	4,4'-DDD	4	16877	.	37.71	UG/KG	.	3.63	4.80
1466	4,4'-DDD	4	17026	.	58.26	UG/KG	.	4.06	2.30
1467	4,4'-DDD	4	17030	.	105.00	UG/KG	.	4.65	1.20
1468	4,4'-DDD	4	17151	.	42.20	UG/KG	.	3.74	39.50
1470	4,4'-DDD	4	16880	.	50.00	UG/KG	.	3.91	1.20
1478	4,4'-DDD	4	17060	.	27.94	UG/KG	.	3.33	3.40
1488	4,4'-DDD	4	17029	.	27.24	UG/KG	.	3.30	62.40
1491	4,4'-DDD	4	17011	.	208.33	UG/KG	.	5.34	0.48
1496	4,4'-DDD	4	17075	.	46.80	UG/KG	.	3.85	2.50
1501	4,4'-DDD	4	17074	.	47.87	UG/KG	.	3.87	9.40
1506	4,4'-DDD	4	17153	.	41.97	UG/KG	.	3.74	37.50
1509	4,4'-DDD	4	17042	.	35.71	UG/KG	.	3.58	47.60
1512	4,4'-DDD	4	17138	.	63.36	UG/KG	.	4.15	14.30
1516	4,4'-DDD	4	17004	.	67.00	UG/KG	.	4.20	1.00
1527	4,4'-DDD	4	17040	.	21.86	UG/KG	.	3.08	72.70
1532	4,4'-DDD	4	17007	.	40.14	UG/KG	.	3.69	41.90
1539	4,4'-DDD	4		.	53.61	UG/KG	.	3.98	1.07
1549	4,4'-DDD	4	17048	.	49.37	UG/KG	.	3.90	6.30
1551	4,4'-DDD	4		.	107.50	UG/KG	.	4.68	0.60
1555	4,4'-DDD	4	17035	.	61.57	UG/KG	.	4.12	5.10

ANALYTE=4,4'-DDE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	4,4'-DDE	1	16821	.	53.36	UG/KG	.	3.98	11.90
1391	4,4'-DDE	1	16885	.	51.56	UG/KG	.	3.94	21.80
1419	4,4'-DDE	1	16739	.	38.25	UG/KG	.	3.64	44.00
1436	4,4'-DDE	1	17036	.	44.06	UG/KG	.	3.79	38.20
1436	4,4'-DDE	1	17145	.	41.78	UG/KG	.	3.73	39.90
1436	4,4'-DDE	1	17149	.	40.76	UG/KG	.	3.71	40.90
1437	4,4'-DDE	1	17033	190.06	.	UG/KG	5.25	.	16.30
1438	4,4'-DDE	1	17034	.	49.11	UG/KG	.	3.89	19.10
1451	4,4'-DDE	1	16887	.	75.45	UG/KG	.	4.32	1.10
1452	4,4'-DDE	1	16889	.	25.92	UG/KG	.	3.26	61.80
1452	4,4'-DDE	1	16890	.	26.21	UG/KG	.	3.27	63.40
1469	4,4'-DDE	1		.	52.67	UG/KG	.	3.96	23.90
1471	4,4'-DDE	1	17046	.	51.58	UG/KG	.	3.94	25.30
1471	4,4'-DDE	1	17052	.	50.91	UG/KG	.	3.93	20.90
1530	4,4'-DDE	1	17020	.	44.08	UG/KG	.	3.79	32.60
1530	4,4'-DDE	1	17038	.	52.69	UG/KG	.	3.96	9.30
1533	4,4'-DDE	1	17022	.	56.19	UG/KG	.	4.03	2.10
1534	4,4'-DDE	1	17081	.	22.44	UG/KG	.	3.11	75.00
1543	4,4'-DDE	1	17065	.	57.40	UG/KG	.	4.05	15.00
1543	4,4'-DDE	1	17130	.	32.67	UG/KG	.	3.49	50.50
1543	4,4'-DDE	1	17141	.	50.39	UG/KG	.	3.92	18.10
1550	4,4'-DDE	1		.	32.71	UG/KG	.	3.49	10.40

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDE STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1552	4,4'-DDE	1		.	59.74	UG/KG	.	4.09	3.80
1553	4,4'-DDE	1	16884	.	68.00	UG/KG	.	4.22	2.00
1556	4,4'-DDE	1	16896	.	76.11	UG/KG	.	4.33	1.80
1559	4,4'-DDE	1		.	49.14	UG/KG	.	3.89	8.45

ANALYTE=4,4'-DDE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	4,4'-DDE	2	16527	.	56.35	UG/KG	.	4.03	19.20
1365	4,4'-DDE	2	16528	.	86.00	UG/KG	.	4.45	3.00
1366	4,4'-DDE	2	16814	.	54.64	UG/KG	.	4.00	25.00
1369	4,4'-DDE	2	16818	.	53.20	UG/KG	.	3.97	17.80
1380	4,4'-DDE	2		.	55.55	UG/KG	.	4.02	30.55
1390	4,4'-DDE	2	16834	.	45.53	UG/KG	.	3.82	32.20
1392	4,4'-DDE	2		.	32.93	UG/KG	.	3.49	21.55
1393	4,4'-DDE	2	16529	.	83.73	UG/KG	.	4.43	5.10
1399	4,4'-DDE	2		.	37.35	UG/KG	.	3.62	4.15
1400	4,4'-DDE	2	16810	.	47.83	UG/KG	.	3.87	2.30
1403	4,4'-DDE	2	16811	.	23.47	UG/KG	.	3.16	71.70
1410	4,4'-DDE	2	16833	.	31.53	UG/KG	.	3.45	30.80
1413	4,4'-DDE	2	17025	.	58.57	UG/KG	.	4.07	2.80
1413	4,4'-DDE	2	17061	.	50.66	UG/KG	.	3.93	18.10
1418	4,4'-DDE	2	16743	.	52.70	UG/KG	.	3.96	3.70
1421	4,4'-DDE	2		.	75.99	UG/KG	.	4.33	1.85
1422	4,4'-DDE	2	16831	.	62.40	UG/KG	.	4.13	18.30
1423	4,4'-DDE	2	16832	.	52.94	UG/KG	.	3.97	20.40
1424	4,4'-DDE	2	16799	.	60.28	UG/KG	.	4.10	14.30
1426	4,4'-DDE	2	16868	.	59.68	UG/KG	.	4.09	3.10
1429	4,4'-DDE	2		.	50.11	UG/KG	.	3.91	17.05
1443	4,4'-DDE	2	16823	.	60.23	UG/KG	.	4.10	4.40
1443	4,4'-DDE	2	16825	.	56.15	UG/KG	.	4.03	3.90
1447	4,4'-DDE	2		.	43.61	UG/KG	.	3.78	3.60
1453	4,4'-DDE	2	16888	.	52.10	UG/KG	.	3.95	18.60
1454	4,4'-DDE	2	16838	.	44.05	UG/KG	.	3.79	38.30
1454	4,4'-DDE	2	16839	.	37.00	UG/KG	.	3.61	20.00
1456	4,4'-DDE	2	17021	.	40.00	UG/KG	.	3.69	2.00
1460	4,4'-DDE	2	16879	.	45.09	UG/KG	.	3.81	33.20
1463	4,4'-DDE	2	16873	.	55.00	UG/KG	.	4.01	3.80
1463	4,4'-DDE	2	16874	.	17.28	UG/KG	.	2.85	63.60
1481	4,4'-DDE	2	17136	.	57.97	UG/KG	.	4.06	14.80
1482	4,4'-DDE	2		.	54.94	UG/KG	.	4.01	19.90
1484	4,4'-DDE	2	17024	.	55.90	UG/KG	.	4.02	21.00
1485	4,4'-DDE	2	17132	.	45.26	UG/KG	.	3.81	4.64
1485	4,4'-DDE	2	17133	.	54.67	UG/KG	.	4.00	15.20
1493	4,4'-DDE	2		.	20.40	UG/KG	.	3.02	82.80
1495	4,4'-DDE	2	17155	.	37.63	UG/KG	.	3.63	44.30
1499	4,4'-DDE	2	17019	.	50.00	UG/KG	.	3.91	4.90
1500	4,4'-DDE	2		.	54.08	UG/KG	.	3.99	20.05
1503	4,4'-DDE	2	17079	.	53.29	UG/KG	.	3.98	31.90
1510	4,4'-DDE	2	17072	.	65.66	UG/KG	.	4.18	10.60
1514	4,4'-DDE	2	17085	.	111.36	UG/KG	.	4.71	11.00

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDE STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1515	4,4'-DDE	2		.	18.01	UG/KG	.	2.89	94.30
1520	4,4'-DDE	2	16855	.	41.24	UG/KG	.	3.72	41.10
1521	4,4'-DDE	2	16860	.	46.35	UG/KG	.	3.84	19.20
1522	4,4'-DDE	2	16853	.	48.69	UG/KG	.	3.89	17.50
1523	4,4'-DDE	2		36.40	33.26	UG/KG	3.59	3.50	50.00
1524	4,4'-DDE	2	16854	.	49.13	UG/KG	.	3.89	26.30
1524	4,4'-DDE	2	16856	.	48.81	UG/KG	.	3.89	23.60
1529	4,4'-DDE	2	17086	.	47.46	UG/KG	.	3.86	13.00
1535	4,4'-DDE	2	17088	.	50.00	UG/KG	.	3.91	2.80
1538	4,4'-DDE	2	17087	.	23.40	UG/KG	.	3.15	70.50
1540	4,4'-DDE	2	17093	.	50.00	UG/KG	.	3.91	24.40
1544	4,4'-DDE	2	16803	.	48.87	UG/KG	.	3.89	20.30
1545	4,4'-DDE	2	16805	.	51.84	UG/KG	.	3.95	20.60
1554	4,4'-DDE	2	17066	.	21.40	UG/KG	.	3.06	77.90
1554	4,4'-DDE	2	17071	.	59.75	UG/KG	.	4.09	27.90
1558	4,4'-DDE	2	16801	.	51.01	UG/KG	.	3.93	14.90
1564	4,4'-DDE	2	17043	.	51.61	UG/KG	.	3.94	25.50
1564	4,4'-DDE	2	17049	.	33.57	UG/KG	.	3.51	48.70

ANALYTE=4,4'-DDE STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	4,4'-DDE	3	16532	.	22.73	UG/KG	.	3.12	5.50
1367	4,4'-DDE	3	16533	.	35.46	UG/KG	.	3.57	16.30
1367	4,4'-DDE	3	16534	.	18.92	UG/KG	.	2.94	89.60
1370	4,4'-DDE	3	16817	.	18.73	UG/KG	.	2.93	14.20
1381	4,4'-DDE	3	16819	.	36.76	UG/KG	.	3.60	3.40
1382	4,4'-DDE	3	16816	.	22.79	UG/KG	.	3.13	74.50
1384	4,4'-DDE	3	16536	.	51.14	UG/KG	.	3.93	33.20
1385	4,4'-DDE	3	16886	.	52.33	UG/KG	.	3.96	4.30
1395	4,4'-DDE	3	16861	.	63.04	UG/KG	.	4.14	2.30
1395	4,4'-DDE	3	16862	.	54.19	UG/KG	.	3.99	19.10
1396	4,4'-DDE	3	16830	.	56.56	UG/KG	.	4.04	3.20
1397	4,4'-DDE	3	16851	.	60.51	UG/KG	.	4.10	7.80
1402	4,4'-DDE	3	16809	.	64.29	UG/KG	.	4.16	1.40
1404	4,4'-DDE	3		.	113.07	UG/KG	.	4.73	2.00
1405	4,4'-DDE	3	16843	.	47.70	UG/KG	.	3.86	15.20
1405	4,4'-DDE	3	16844	.	31.41	UG/KG	.	3.45	53.80
1406	4,4'-DDE	3	16841	.	68.75	UG/KG	.	4.23	1.60
1409	4,4'-DDE	3		.	120.18	UG/KG	.	4.79	4.55
1411	4,4'-DDE	3	16826	.	20.93	UG/KG	.	3.04	80.90
1412	4,4'-DDE	3	16829	.	54.00	UG/KG	.	3.99	3.50
1416	4,4'-DDE	3		.	46.99	UG/KG	.	3.85	35.80
1425	4,4'-DDE	3	16878	.	50.77	UG/KG	.	3.93	19.50
1428	4,4'-DDE	3	16869	.	166.00	UG/KG	.	5.11	0.50
1433	4,4'-DDE	3	16800	.	18.98	UG/KG	.	2.94	89.30
1434	4,4'-DDE	3	16806	.	64.80	UG/KG	.	4.17	17.70
1435	4,4'-DDE	3	17016	.	25.73	UG/KG	.	3.25	65.40
1439	4,4'-DDE	3	17047	.	61.68	UG/KG	.	4.12	10.10
1440	4,4'-DDE	3	17050	.	53.30	UG/KG	.	3.98	19.10
1448	4,4'-DDE	3	16745	.	26.25	UG/KG	.	3.27	62.60

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=4,4'-DDE STRATUM=3 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1448	4,4'-DDE	3	16746	.	5.50	UG/KG	.	1.71	10.90
1449	4,4'-DDE	3		.	53.12	UG/KG	.	3.97	2.35
1462	4,4'-DDE	3	16849	.	71.81	UG/KG	.	4.27	7.20
1472	4,4'-DDE	3		.	53.57	UG/KG	.	3.98	20.45
1474	4,4'-DDE	3	17031	.	50.00	UG/KG	.	3.91	15.20
1475	4,4'-DDE	3	17028	.	54.30	UG/KG	.	3.99	30.70
1476	4,4'-DDE	3		.	55.05	UG/KG	.	4.01	23.50
1479	4,4'-DDE	3	17144	.	55.91	UG/KG	.	4.02	30.10
1479	4,4'-DDE	3	17150	.	65.91	UG/KG	.	4.19	1.76
1480	4,4'-DDE	3	17044	.	55.56	UG/KG	.	4.02	3.60
1486	4,4'-DDE	3	17131	.	53.85	UG/KG	.	3.99	2.60
1487	4,4'-DDE	3	17023	.	55.17	UG/KG	.	4.01	14.50
1489	4,4'-DDE	3	17041	.	27.01	UG/KG	.	3.30	34.10
1490	4,4'-DDE	3	17027	.	52.00	UG/KG	.	3.95	2.00
1492	4,4'-DDE	3	17010	.	27.96	UG/KG	.	3.33	60.20
1497	4,4'-DDE	3	17015	.	526.32	UG/KG	.	6.27	0.19
1498	4,4'-DDE	3		.	47.24	UG/KG	.	3.86	4.50
1502	4,4'-DDE	3	17073	.	52.76	UG/KG	.	3.97	2.90
1504	4,4'-DDE	3	17078	.	76.34	UG/KG	.	4.34	0.93
1505	4,4'-DDE	3	17152	.	51.87	UG/KG	.	3.95	26.20
1507	4,4'-DDE	3	17154	.	25.01	UG/KG	.	3.22	67.30
1508	4,4'-DDE	3	17084	.	254.44	UG/KG	.	5.54	2.70
1511	4,4'-DDE	3	17139	.	40.46	UG/KG	.	3.70	41.60
1513	4,4'-DDE	3	17083	.	62.02	UG/KG	.	4.13	1.29
1517	4,4'-DDE	3	17002	.	31.04	UG/KG	.	3.44	53.70
1518	4,4'-DDE	3	17003	30.34	.	UG/KG	3.41	.	65.60
1519	4,4'-DDE	3	17005	.	54.07	UG/KG	.	3.99	11.80
1525	4,4'-DDE	3	17001	.	28.72	UG/KG	.	3.36	59.20
1526	4,4'-DDE	3		.	47.47	UG/KG	.	3.86	27.75
1537	4,4'-DDE	3	17090	.	54.97	UG/KG	.	4.01	17.30
1541	4,4'-DDE	3	17091	.	53.40	UG/KG	.	3.98	5.00
1542	4,4'-DDE	3	17089	.	22.14	UG/KG	.	3.10	76.80
1546	4,4'-DDE	3	16804	.	51.46	UG/KG	.	3.94	22.60
1547	4,4'-DDE	3	17070	.	37.32	UG/KG	.	3.62	45.10
1548	4,4'-DDE	3	17067	.	58.40	UG/KG	.	4.07	18.10
1560	4,4'-DDE	3	16883	143.96	.	UG/KG	4.97	.	71.40
1561	4,4'-DDE	3	16891	.	54.55	UG/KG	.	4.00	2.20
1561	4,4'-DDE	3	16892	.	24.16	UG/KG	.	3.18	68.30
1563	4,4'-DDE	3	17143	.	82.26	UG/KG	.	4.41	2.65
1566	4,4'-DDE	3		.	55.76	UG/KG	.	4.02	1.15

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDE STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	4,4'-DDE	4	16525	.	16.67	UG/KG	.	2.81	100.00
1363	4,4'-DDE	4	16526	.	70.00	UG/KG	.	4.25	0.80
1388	4,4'-DDE	4	16815	.	3.91	UG/KG	.	1.36	25.60
1389	4,4'-DDE	4	16835	.	41.64	UG/KG	.	3.73	34.80
1401	4,4'-DDE	4	16802	.	86.00	UG/KG	.	4.45	1.00
1407	4,4'-DDE	4	16842	.	45.13	UG/KG	.	3.81	37.40
1408	4,4'-DDE	4	16540	.	8.08	UG/KG	.	2.09	15.10
1414	4,4'-DDE	4	16744	.	62.11	UG/KG	.	4.13	1.90
1415	4,4'-DDE	4	16750	.	112.00	UG/KG	.	4.72	0.50
1417	4,4'-DDE	4	16742	.	37.33	UG/KG	.	3.62	1.50
1420	4,4'-DDE	4	16864	.	52.24	UG/KG	.	3.96	10.70
1427	4,4'-DDE	4	16867	.	31.48	UG/KG	.	3.45	52.80
1430	4,4'-DDE	4	16537	.	25.58	UG/KG	.	3.24	66.00
1431	4,4'-DDE	4	16538	.	46.55	UG/KG	.	3.84	20.30
1432	4,4'-DDE	4	16539	.	40.07	UG/KG	.	3.69	42.00
1441	4,4'-DDE	4	16798	.	46.07	UG/KG	.	3.83	2.80
1442	4,4'-DDE	4	16797	.	26.02	UG/KG	.	3.26	64.00
1445	4,4'-DDE	4	16871	.	87.65	UG/KG	.	4.47	1.70
1455	4,4'-DDE	4	16837	.	37.83	UG/KG	.	3.63	44.80
1459	4,4'-DDE	4	16747	.	83.75	UG/KG	.	4.43	0.80
1461	4,4'-DDE	4	16852	.	434.78	UG/KG	.	6.07	0.23
1464	4,4'-DDE	4	16876	.	82.88	UG/KG	.	4.42	19.10
1465	4,4'-DDE	4	16877	.	37.71	UG/KG	.	3.63	4.80
1466	4,4'-DDE	4	17026	.	58.26	UG/KG	.	4.06	2.30
1467	4,4'-DDE	4	17030	.	105.00	UG/KG	.	4.65	1.20
1468	4,4'-DDE	4	17151	.	42.20	UG/KG	.	3.74	39.50
1470	4,4'-DDE	4	16880	.	50.00	UG/KG	.	3.91	1.20
1478	4,4'-DDE	4	17060	.	27.94	UG/KG	.	3.33	3.40
1488	4,4'-DDE	4	17029	.	27.24	UG/KG	.	3.30	62.40
1491	4,4'-DDE	4	17011	.	208.33	UG/KG	.	5.34	0.48
1496	4,4'-DDE	4	17075	.	46.80	UG/KG	.	3.85	2.50
1501	4,4'-DDE	4	17074	.	47.87	UG/KG	.	3.87	9.40
1506	4,4'-DDE	4	17153	.	41.97	UG/KG	.	3.74	37.50
1509	4,4'-DDE	4	17042	.	35.71	UG/KG	.	3.58	47.60
1512	4,4'-DDE	4	17138	.	63.36	UG/KG	.	4.15	14.30
1516	4,4'-DDE	4	17004	.	67.00	UG/KG	.	4.20	1.00
1527	4,4'-DDE	4	17040	.	21.86	UG/KG	.	3.08	72.70
1532	4,4'-DDE	4	17007	.	40.14	UG/KG	.	3.69	41.90
1539	4,4'-DDE	4		.	53.61	UG/KG	.	3.98	1.07
1549	4,4'-DDE	4	17048	.	49.37	UG/KG	.	3.90	6.30
1551	4,4'-DDE	4		.	107.50	UG/KG	.	4.68	0.60
1555	4,4'-DDE	4	17035	.	61.57	UG/KG	.	4.12	5.10

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDT STRATUM=1

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1368	4,4'-DDT	1	16821	.	21.34	UG/KG	.	3.06	11.90
1391	4,4'-DDT	1	16885	.	20.60	UG/KG	.	3.03	21.80
1419	4,4'-DDT	1	16739	.	15.30	UG/KG	.	2.73	44.00
1436	4,4'-DDT	1	17036	.	17.62	UG/KG	.	2.87	38.20
1436	4,4'-DDT	1	17145	.	16.72	UG/KG	.	2.82	39.90
1436	4,4'-DDT	1	17149	.	16.31	UG/KG	.	2.79	40.90
1437	4,4'-DDT	1	17033	.	21.10	UG/KG	.	3.05	16.30
1438	4,4'-DDT	1	17034	.	19.63	UG/KG	.	2.98	19.10
1451	4,4'-DDT	1	16887	.	30.00	UG/KG	.	3.40	1.10
1452	4,4'-DDT	1	16889	.	10.37	UG/KG	.	2.34	61.80
1452	4,4'-DDT	1	16890	.	10.49	UG/KG	.	2.35	63.40
1469	4,4'-DDT	1		.	21.06	UG/KG	.	3.05	23.90
1471	4,4'-DDT	1	17046	30.95	.	UG/KG	3.43	.	25.30
1471	4,4'-DDT	1	17052	.	20.38	UG/KG	.	3.01	20.90
1530	4,4'-DDT	1	17020	.	17.64	UG/KG	.	2.87	32.60
1530	4,4'-DDT	1	17038	.	21.08	UG/KG	.	3.05	9.30
1533	4,4'-DDT	1	17022	.	22.38	UG/KG	.	3.11	2.10
1534	4,4'-DDT	1	17081	.	8.97	UG/KG	.	2.19	75.00
1543	4,4'-DDT	1	17065	.	22.93	UG/KG	.	3.13	15.00
1543	4,4'-DDT	1	17130	.	13.07	UG/KG	.	2.57	50.50
1543	4,4'-DDT	1	17141	.	20.17	UG/KG	.	3.00	18.10
1550	4,4'-DDT	1		.	13.08	UG/KG	.	2.57	10.40
1552	4,4'-DDT	1		46.32	24.21	UG/KG	3.84	3.19	3.80
1553	4,4'-DDT	1	16884	50.50	.	UG/KG	3.92	.	2.00
1556	4,4'-DDT	1	16896	.	30.56	UG/KG	.	3.42	1.80
1559	4,4'-DDT	1		.	19.66	UG/KG	.	2.98	8.45

ANALYTE=4,4'-DDT STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1364	4,4'-DDT	2	16527	.	22.55	UG/KG	.	3.12	19.20
1365	4,4'-DDT	2	16528	.	34.33	UG/KG	.	3.54	3.00
1366	4,4'-DDT	2	16814	.	21.84	UG/KG	.	3.08	25.00
1369	4,4'-DDT	2	16818	.	21.29	UG/KG	.	3.06	17.80
1380	4,4'-DDT	2		.	22.22	UG/KG	.	3.10	30.55
1390	4,4'-DDT	2	16834	.	18.23	UG/KG	.	2.90	32.20
1392	4,4'-DDT	2		.	13.18	UG/KG	.	2.58	21.55
1393	4,4'-DDT	2	16529	.	33.53	UG/KG	.	3.51	5.10
1399	4,4'-DDT	2		.	14.94	UG/KG	.	2.70	4.15
1400	4,4'-DDT	2	16810	.	19.13	UG/KG	.	2.95	2.30
1403	4,4'-DDT	2	16811	.	9.39	UG/KG	.	2.24	71.70
1410	4,4'-DDT	2	16833	.	12.60	UG/KG	.	2.53	30.80
1413	4,4'-DDT	2	17025	.	23.57	UG/KG	.	3.16	2.80
1413	4,4'-DDT	2	17061	.	20.28	UG/KG	.	3.01	18.10
1418	4,4'-DDT	2	16743	.	21.08	UG/KG	.	3.05	3.70
1421	4,4'-DDT	2		.	30.29	UG/KG	.	3.41	1.85
1422	4,4'-DDT	2	16831	.	24.97	UG/KG	.	3.22	18.30
1423	4,4'-DDT	2	16832	.	21.18	UG/KG	.	3.05	20.40
1424	4,4'-DDT	2	16799	.	24.13	UG/KG	.	3.18	14.30
1426	4,4'-DDT	2	16868	.	23.87	UG/KG	.	3.17	3.10
1429	4,4'-DDT	2		.	20.04	UG/KG	.	3.00	17.05

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDT STRATUM=2

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1443	4,4'-DDT	2	16823	.	24.09	UG/KG	.	3.18	4.40
1443	4,4'-DDT	2	16825	.	22.56	UG/KG	.	3.12	3.90
1447	4,4'-DDT	2		.	17.50	UG/KG	.	2.86	3.60
1453	4,4'-DDT	2	16888	.	20.86	UG/KG	.	3.04	18.60
1454	4,4'-DDT	2	16838	.	17.62	UG/KG	.	2.87	38.30
1454	4,4'-DDT	2	16839	.	14.80	UG/KG	.	2.69	20.00
1456	4,4'-DDT	2	17021	.	16.00	UG/KG	.	2.77	2.00
1460	4,4'-DDT	2	16879	.	18.04	UG/KG	.	2.89	33.20
1463	4,4'-DDT	2	16873	.	22.11	UG/KG	.	3.10	3.80
1463	4,4'-DDT	2	16874	.	6.92	UG/KG	.	1.93	63.60
1481	4,4'-DDT	2	17136	.	23.18	UG/KG	.	3.14	14.80
1482	4,4'-DDT	2		.	21.96	UG/KG	.	3.09	19.90
1484	4,4'-DDT	2	17024	.	22.33	UG/KG	.	3.11	21.00
1485	4,4'-DDT	2	17132	.	18.10	UG/KG	.	2.90	4.64
1485	4,4'-DDT	2	17133	64.47	.	UG/KG	4.17	.	15.20
1493	4,4'-DDT	2		.	8.16	UG/KG	.	2.10	82.80
1495	4,4'-DDT	2	17155	.	15.06	UG/KG	.	2.71	44.30
1499	4,4'-DDT	2	17019	.	20.00	UG/KG	.	3.00	4.90
1500	4,4'-DDT	2		.	21.64	UG/KG	.	3.07	20.05
1503	4,4'-DDT	2	17079	.	21.32	UG/KG	.	3.06	31.90
1510	4,4'-DDT	2	17072	120.85	.	UG/KG	4.79	.	10.60
1514	4,4'-DDT	2	17085	.	44.55	UG/KG	.	3.80	11.00
1515	4,4'-DDT	2		.	7.21	UG/KG	.	1.97	94.30
1520	4,4'-DDT	2	16855	.	16.50	UG/KG	.	2.80	41.10
1521	4,4'-DDT	2	16860	.	18.54	UG/KG	.	2.92	19.20
1522	4,4'-DDT	2	16853	.	19.49	UG/KG	.	2.97	17.50
1523	4,4'-DDT	2		.	13.52	UG/KG	.	2.60	50.00
1524	4,4'-DDT	2	16854	.	19.66	UG/KG	.	2.98	26.30
1524	4,4'-DDT	2	16856	.	19.53	UG/KG	.	2.97	23.60
1529	4,4'-DDT	2	17086	.	19.00	UG/KG	.	2.94	13.00
1535	4,4'-DDT	2	17088	.	20.00	UG/KG	.	3.00	2.80
1538	4,4'-DDT	2	17087	.	9.36	UG/KG	.	2.24	70.50
1540	4,4'-DDT	2	17093	.	20.00	UG/KG	.	3.00	24.40
1544	4,4'-DDT	2	16803	.	19.56	UG/KG	.	2.97	20.30
1545	4,4'-DDT	2	16805	.	20.73	UG/KG	.	3.03	20.60
1554	4,4'-DDT	2	17066	.	8.56	UG/KG	.	2.15	77.90
1554	4,4'-DDT	2	17071	.	23.91	UG/KG	.	3.17	27.90
1558	4,4'-DDT	2	16801	.	20.40	UG/KG	.	3.02	14.90
1564	4,4'-DDT	2	17043	.	20.63	UG/KG	.	3.03	25.50
1564	4,4'-DDT	2	17049	.	13.43	UG/KG	.	2.60	48.70

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDT STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1367	4,4'-DDT	3	16532	.	9.09	UG/KG	.	2.21	5.50
1367	4,4'-DDT	3	16533	.	14.17	UG/KG	.	2.65	16.30
1367	4,4'-DDT	3	16534	.	7.57	UG/KG	.	2.02	89.60
1370	4,4'-DDT	3	16817	.	7.46	UG/KG	.	2.01	14.20
1381	4,4'-DDT	3	16819	29.41	.	UG/KG	3.38	.	3.40
1382	4,4'-DDT	3	16816	.	9.11	UG/KG	.	2.21	74.50
1384	4,4'-DDT	3	16536	.	20.45	UG/KG	.	3.02	33.20
1385	4,4'-DDT	3	16886	.	20.93	UG/KG	.	3.04	4.30
1395	4,4'-DDT	3	16861	.	25.22	UG/KG	.	3.23	2.30
1395	4,4'-DDT	3	16862	.	21.68	UG/KG	.	3.08	19.10
1396	4,4'-DDT	3	16830	.	22.50	UG/KG	.	3.11	3.20
1397	4,4'-DDT	3	16851	.	24.23	UG/KG	.	3.19	7.80
1402	4,4'-DDT	3	16809	.	25.71	UG/KG	.	3.25	1.40
1404	4,4'-DDT	3		.	45.43	UG/KG	.	3.82	2.00
1405	4,4'-DDT	3	16843	.	19.08	UG/KG	.	2.95	15.20
1405	4,4'-DDT	3	16844	.	12.57	UG/KG	.	2.53	53.80
1406	4,4'-DDT	3	16841	.	27.50	UG/KG	.	3.31	1.60
1409	4,4'-DDT	3		.	48.07	UG/KG	.	3.87	4.55
1411	4,4'-DDT	3	16826	.	8.37	UG/KG	.	2.12	80.90
1412	4,4'-DDT	3	16829	.	21.71	UG/KG	.	3.08	3.50
1416	4,4'-DDT	3		.	18.80	UG/KG	.	2.93	35.80
1425	4,4'-DDT	3	16878	.	20.31	UG/KG	.	3.01	19.50
1428	4,4'-DDT	3	16869	.	66.00	UG/KG	.	4.19	0.50
1433	4,4'-DDT	3	16800	.	7.59	UG/KG	.	2.03	89.30
1434	4,4'-DDT	3	16806	.	25.93	UG/KG	.	3.26	17.70
1435	4,4'-DDT	3	17016	.	10.29	UG/KG	.	2.33	65.40
1439	4,4'-DDT	3	17047	.	24.65	UG/KG	.	3.20	10.10
1440	4,4'-DDT	3	17050	.	21.31	UG/KG	.	3.06	19.10
1448	4,4'-DDT	3	16745	.	10.50	UG/KG	.	2.35	62.60
1448	4,4'-DDT	3	16746	.	2.20	UG/KG	.	0.79	10.90
1449	4,4'-DDT	3		.	21.20	UG/KG	.	3.05	2.35
1462	4,4'-DDT	3	16849	.	28.75	UG/KG	.	3.36	7.20
1472	4,4'-DDT	3		.	21.44	UG/KG	.	3.07	20.45
1474	4,4'-DDT	3	17031	.	20.00	UG/KG	.	3.00	15.20
1475	4,4'-DDT	3	17028	.	21.73	UG/KG	.	3.08	30.70
1476	4,4'-DDT	3		.	22.01	UG/KG	.	3.09	23.50
1479	4,4'-DDT	3	17144	.	22.36	UG/KG	.	3.11	30.10
1479	4,4'-DDT	3	17150	.	26.14	UG/KG	.	3.26	1.76
1480	4,4'-DDT	3	17044	.	22.22	UG/KG	.	3.10	3.60
1486	4,4'-DDT	3	17131	.	21.54	UG/KG	.	3.07	2.60
1487	4,4'-DDT	3	17023	.	22.07	UG/KG	.	3.09	14.50
1489	4,4'-DDT	3	17041	.	10.79	UG/KG	.	2.38	34.10
1490	4,4'-DDT	3	17027	.	21.00	UG/KG	.	3.04	2.00
1492	4,4'-DDT	3	17010	.	11.18	UG/KG	.	2.41	60.20
1497	4,4'-DDT	3	17015	.	210.53	UG/KG	.	5.35	0.19
1498	4,4'-DDT	3		.	18.90	UG/KG	.	2.94	4.50
1502	4,4'-DDT	3	17073	.	21.03	UG/KG	.	3.05	2.90
1504	4,4'-DDT	3	17078	.	30.11	UG/KG	.	3.40	0.93
1505	4,4'-DDT	3	17152	.	20.73	UG/KG	.	3.03	26.20
1507	4,4'-DDT	3	17154	.	10.00	UG/KG	.	2.30	67.30
1508	4,4'-DDT	3	17084	.	101.85	UG/KG	.	4.62	2.70
1511	4,4'-DDT	3	17139	.	16.18	UG/KG	.	2.78	41.60
1513	4,4'-DDT	3	17083	.	24.81	UG/KG	.	3.21	1.29

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

ANALYTE=4,4'-DDT STRATUM=3

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1517	4,4'-DDT	3	17002	.	12.42	UG/KG	.	2.52	53.70
1518	4,4'-DDT	3	17003	.	10.32	UG/KG	.	2.33	65.60
1519	4,4'-DDT	3	17005	.	21.61	UG/KG	.	3.07	11.80
1525	4,4'-DDT	3	17001	.	11.49	UG/KG	.	2.44	59.20
1526	4,4'-DDT	3		.	18.97	UG/KG	.	2.94	27.75
1537	4,4'-DDT	3	17090	.	21.97	UG/KG	.	3.09	17.30
1541	4,4'-DDT	3	17091	.	21.40	UG/KG	.	3.06	5.00
1542	4,4'-DDT	3	17089	.	8.85	UG/KG	.	2.18	76.80
1546	4,4'-DDT	3	16804	.	20.58	UG/KG	.	3.02	22.60
1547	4,4'-DDT	3	17070	.	14.92	UG/KG	.	2.70	45.10
1548	4,4'-DDT	3	17067	.	23.37	UG/KG	.	3.15	18.10
1560	4,4'-DDT	3	16883	.	9.51	UG/KG	.	2.25	71.40
1561	4,4'-DDT	3	16891	.	21.82	UG/KG	.	3.08	2.20
1561	4,4'-DDT	3	16892	.	9.66	UG/KG	.	2.27	68.30
1563	4,4'-DDT	3	17143	.	32.83	UG/KG	.	3.49	2.65
1566	4,4'-DDT	3		.	22.65	UG/KG	.	3.12	1.15

ANALYTE=4,4'-DDT STRATUM=4

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1362	4,4'-DDT	4	16525	.	6.67	UG/KG	.	1.90	100.00
1363	4,4'-DDT	4	16526	.	27.50	UG/KG	.	3.31	0.80
1388	4,4'-DDT	4	16815	.	1.56	UG/KG	.	0.45	25.60
1389	4,4'-DDT	4	16835	.	16.67	UG/KG	.	2.81	34.80
1401	4,4'-DDT	4	16802	.	34.00	UG/KG	.	3.53	1.00
1407	4,4'-DDT	4	16842	.	18.05	UG/KG	.	2.89	37.40
1408	4,4'-DDT	4	16540	.	3.25	UG/KG	.	1.18	15.10
1414	4,4'-DDT	4	16744	.	24.74	UG/KG	.	3.21	1.90
1415	4,4'-DDT	4	16750	.	44.00	UG/KG	.	3.78	0.50
1417	4,4'-DDT	4	16742	.	14.67	UG/KG	.	2.69	1.50
1420	4,4'-DDT	4	16864	.	20.93	UG/KG	.	3.04	10.70
1427	4,4'-DDT	4	16867	.	12.59	UG/KG	.	2.53	52.80
1430	4,4'-DDT	4	16537	.	10.23	UG/KG	.	2.33	66.00
1431	4,4'-DDT	4	16538	.	18.62	UG/KG	.	2.92	20.30
1432	4,4'-DDT	4	16539	.	16.02	UG/KG	.	2.77	42.00
1441	4,4'-DDT	4	16798	.	18.21	UG/KG	.	2.90	2.80
1442	4,4'-DDT	4	16797	.	10.41	UG/KG	.	2.34	64.00
1445	4,4'-DDT	4	16871	.	35.29	UG/KG	.	3.56	1.70
1455	4,4'-DDT	4	16837	.	15.13	UG/KG	.	2.72	44.80
1459	4,4'-DDT	4	16747	.	33.75	UG/KG	.	3.52	0.80
1461	4,4'-DDT	4	16852	.	173.91	UG/KG	.	5.16	0.23
1464	4,4'-DDT	4	16876	.	33.14	UG/KG	.	3.50	19.10
1465	4,4'-DDT	4	16877	.	15.00	UG/KG	.	2.71	4.80
1466	4,4'-DDT	4	17026	.	23.48	UG/KG	.	3.16	2.30
1467	4,4'-DDT	4	17030	.	41.67	UG/KG	.	3.73	1.20
1468	4,4'-DDT	4	17151	.	16.89	UG/KG	.	2.83	39.50
1470	4,4'-DDT	4	16880	.	20.00	UG/KG	.	3.00	1.20
1478	4,4'-DDT	4	17060	.	11.18	UG/KG	.	2.41	3.40
1488	4,4'-DDT	4	17029	.	10.90	UG/KG	.	2.39	62.40
1491	4,4'-DDT	4	17011	.	83.33	UG/KG	.	4.42	0.48
1496	4,4'-DDT	4	17075	.	18.80	UG/KG	.	2.93	2.50

DATA LISTING
NSSS POLLUTANT CONCENTRATIONS FOR THE 28 POLLUTANTS OF CONCERN

---------- ANALYTE=4,4'-DDT STRATUM=4 ----------

EPISODE	ANALYTE	STRATUM	SAMPLE	AMOUNT	DETLIMIT	UNIT	LNAMOUNT	LNDL	SOLIDS
1501	4,4'-DDT	4	17074	.	19.15	UG/KG	.	2.95	9.40
1506	4,4'-DDT	4	17153	.	16.80	UG/KG	.	2.82	37.50
1509	4,4'-DDT	4	17042	.	14.29	UG/KG	.	2.66	47.60
1512	4,4'-DDT	4	17138	.	25.31	UG/KG	.	3.23	14.30
1516	4,4'-DDT	4	17004	.	27.00	UG/KG	.	3.30	1.00
1527	4,4'-DDT	4	17040	15.42	.	UG/KG	2.74	.	72.70
1532	4,4'-DDT	4	17007	.	16.06	UG/KG	.	2.78	41.90
1539	4,4'-DDT	4		.	21.63	UG/KG	.	3.07	1.07
1549	4,4'-DDT	4	17048	.	19.68	UG/KG	.	2.98	6.30
1551	4,4'-DDT	4		.	43.33	UG/KG	.	3.77	0.60
1555	4,4'-DDT	4	17035	.	24.71	UG/KG	.	3.21	5.10

APPENDIX B

COMPUTER CODE

APPENDIX B

COMPUTER CODE

Program listings of SAS and SYSTAT code written to produce disposal practice, flow rate group, and pollutant concentration estimates from the stratified National Sewage Sludge Survey (NSSS) questionnaire and analytical data are presented in this appendix. Resulting estimates are reported in the notice of availability. Assumptions about the distribution of the data, methods used to generate stratum estimates, and the weighting of stratum estimates to produce national estimates are discussed in more detail in preceding sections of this document.

The computer algorithm designed to generate national estimates of the number of secondary treatment Publicly Owned Treatment Works (POTWs) in 1988 using each of nine sewage sludge use and disposal practices is presented in section B.1. The number of POTWs in the nation in each of the four average daily flow rate groups was estimated using the SAS computer code presented in section B.2. Presented in section B.3 are a series of SAS and SYSTAT algorithms used to estimate pollutant concentrations for 28 pollutants of concern.

B.1 NATIONAL ESTIMATES OF THE NUMBER OF POTWs USING EACH OF NINE DISPOSAL PRACTICES

Estimates of the number of secondary treatment POTWs in 1988 using each of the nine reported use and disposal practices were produced by the computer code listed in exhibit B-1. More detailed explanations of the assumptions and procedures used to generate the estimates are provided in section 2 of this document.

Because data were collected from a stratified survey, national estimates were produced by summing weighted strata estimates. The following steps were conducted to generate estimates:

(1) The major disposal practice used by each POTW in the sample was determined from responses to question 24 in the questionnaire. The amount of sludge recorded for each disposal practice was summed and the method used to dispose of the largest fraction of sludge was determined for each facility. This information was stored in the variable ACTDISP. ACTDISP could assume 1 of 11 values. The first nine values correspond to the nine disposal practices listed in question 24. The value 10 for ACTDISP was assigned to POTWs that were out of business. POTWs that were ineligible because they performed only primary treatment of sludge were assigned the value of 11. If a facility's major disposal practice was determined to be "Other" and the POTW indicated that sludge was disposed of in sludge lagoons, the POTW's major disposal practice was classified as surface disposal for the purpose of this analysis. The disposal practice used in 1988 for POTWs that did not respond to the NSSS was assumed to be the disposal practice reported in the 1986 NEEDS Survey.

(2) The survey design stratum to which a POTW was assigned based on 1986 NEEDS Survey data was determined by extracting the first two digits of the variable SURVEYID. There are 24 such strata that were created by partitioning the sampling frame across the four flow rate groups and the six use and disposal practices based on information reported in the 1986 NEEDS Survey. The first digit of SURVEYID, the unique identifier variable for POTWs in the NSSS, corresponds to the 1986 flow rate group classification. The survey design flow rate group for six POTWs is edited in the code to correct a misclassification at the time SURVEYIDs were assigned. The second digit of SURVEYID records the disposal practice that a POTW reported in the 1986 NEEDS Survey. The 24 level variable created by this extraction process was labelled SSTRATUM.

(3) A cross-tabulation of the variables SSTRATUM and ACTDISP was performed to determine the number of POTWs in the sample that reported using the jth disposal practice in 1988 ($j = 1,...,11$) given that the POTW was in the ij^{th} stratum ($ij= 11,12,...,46$) of the sample. The number of POTWs in the population was estimated for each cell by multiplying the cell count by the inverse of the sampling fraction corresponding to the value of SSTRATUM. The number of POTWs in the Nation using the jth disposal practice in 1988 was obtained by summing the estimated number of POTWs in the population that reported using the jth disposal practice across all levels of SSTRATUM. The variance of these estimates was calculated in a like manner. Estimates and 95-percent confidence limits for the estimates were reported in the Notice of Availability.

B.2 NATIONAL ESTIMATES OF THE NUMBER OF POTWs IN EACH FLOW RATE CATEGORY

The computer code listed in exhibit B-2 was written to estimate the national number of secondary treatment POTWs in 1988 in each of the four flow rate groups. More detailed explanations of assumptions and methods used to produce these estimates are provided in section 3.

Because the survey was stratified, national estimates are produced by summing weighted strata estimates. These estimates were produced through the following steps:

(1) Reported flow rate group for each POTW was determined from the average daily flow response to question 9B in the questionnaire. Information from question 9B was categorized into one of four groups. These groups are defined below:

FLOW RATE GROUP
1 = FLOW > 100 MGD
2 = 10 < FLOW ≤ 100
3 = 1 < FLOW ≤ 10
4 = FLOW ≤ 1 MGD.

This information was recorded under the variable REPFLOW. REPFLOW could assume one of six values. The first four values correspond to the four flow rate groups. The value 5 for REPFLOW was assigned to POTWs that were out of business. POTWs that were ineligible because they performed only primary treatment of sludge were assigned the value of 6. The flow rate group used in 1988 for POTWs that did not respond to the NSSS was assumed to be the flow rate group determined from information reported in the 1986 NEEDS Survey.

(2) The survey design stratum to which a POTW was assigned based on 1986 NEEDS Survey data was determined by extracting the first two digits of the variable SURVEYID. There are 24 such strata that were created by partitioning the sampling frame across the four flow rate groups and the six use and disposal practices based on information reported in the 1986 NEEDS Survey. The first digit of SURVEYID, the unique identifier variable for POTWs in the NSSS, corresponds to the 1986 flow rate group classification. The survey design flow rate group for six POTWs is edited in the code to correct a misclassification at the time SURVEYIDs were assigned. The second digit of SURVEYID records the disposal practice that a POTW reported in the 1986 NEEDS Survey. The 24 level variable created by this extraction process was labelled SSTRATUM.

3) A cross-tabulation of the variables SSTRATUM and REPFLOW was performed to determine the number of POTWs in the sample that reported using the ith flow rate group in 1988 ($i = 1,...,6$) given that the POTW was in the ij^{th} stratum ($ij= 11,12,...,46$) of the sample. The number of POTWs in the population was estimated for each cell by multiplying the cell count by the inverse of the sampling fraction corresponding to the value of SSTRATUM. The number of POTWs in the nation in the ith flow rate group in 1988 was obtained by summing the estimated number of POTWs in the population that reported the ith flow rate group across all levels of SSTRATUM. The variance of these estimates was calculated in a like manner. Estimates and 95 percent confidence limits for the estimates were reported in the Notice of Availability.

B.3 POLLUTANT CONCENTRATION ESTIMATES

NSSS pollutant concentration estimates were produced as weighted functions of maximum likelihood estimates (MLEs) from the four flow rate design strata. These MLEs were calculated from the multiple left censored pollutant concentration data in the NSSS analytical data base under the assumption that pollutant concentration is distributed lognormally. The theoretical basis for estimate production is presented in more detail in section 4 of this document. This section provides the SAS and SYSTAT computer code written to produce these estimates.

Reported pollutant concentration estimates were generated from a series of six programs. These programs, referred to as steps, were conducted to (1) subset the data for the pollutants of concern from the SAS data base, (2) edit data and produce a flat file of pollutant concentration data, (3) input the flat file data

into SYSTAT, (4) estimate mean and variance MLEs for each analyte*stratum using nonlinear optimization procedures in SYSTAT, (5) upload SYSTAT estimates into a SAS data set, and (6) weight functions of the MLEs in SAS to produce the final results. The code for each step is presented in Exhibits to this section. A brief description of the objective of each step in the estimation process, the code used to accomplish the objective, and, when applicable, listings of output are described below:

Step 1: Subset data set for the 28 pollutants of concern
Code: Exhibit B-3

A subset of the 28 pollutants of concern was created from the NSSS analytical data base ('XXXA011.NSSS.SASLIB'). This step extracted pertinent pollutant data from four members of the SAS analytical data library and produced one permanent file. Because data is reported for each of the seven PCB congeners, the subset data set contains data for 34 analytes. The subset data set was permanently stored as XXX011.SLU90821.SOC1289.S009.

Step 2: Editing of the data subset and creation of a flat data file
Code: Exhibit B-4

This step was performed to accomplish the following: edit data, distinguish censored data points, create an ASCII file from the SAS file of data for input into SYSTAT, and generate arithmetic means and variances from natural logarithm transformed data to serve as starting of 'seed' values for the SYSTAT module. A data listing produced after edits were performed is provided in Appendix A. These data edits and the method used to distinguish censored data points are discussed below.

(A) The following edits were made to the subset data set:

(1) Data from primary sludge samples were deleted.
(2) Pollutant concentration values for the variables AMOUNT and DETLIMIT were averaged for duplicate samples.
(3) The flow rate stratum for six POTWs was reclassified. This reclassification corrected for missassignment at the time SURVEYID numbers were developed.

(B) Two categorical variables, HIT and NOHIT, were created for each sample to distinguish left censored data from uncensored data. If the pollutant under consideration was measured above the minimum level in the sample, then the measured quantity was recorded under the variable AMOUNT in the data set. In this case, the created variable HIT was assigned a value of 1 and the variable NOHIT was valued at 0. On the other hand, if the pollutant under consideration was not measured above the minimum level, the variable AMOUNT was listed as missing for the sample and the minimum level was recorded under the variable DETLIMIT in the data base. If a pollutant was not measured above the minimum level the HIT was valued at 0 and NOHIT was valued at 1.

Step 3: Importing of the NSSS pollutant concentration data into SYSTAT
Code: Exhibit B-5

The ASCII file of pollutant concentration data produced in step 2 was saved as XXXA011.SLU90821.FAP.P052 and downloaded to a file named P052RDA2.DWN. The downloaded ASCII file was read into SYSTAT in step 3 and saved as HITMISS3. A listing of HITMISS3 was compared to a SAS listing of the data to ensure integrity of the transfer process.

Step 4: Production of MLEs using the NLIN module in SYSTAT
Code: Exhibit B-6

Maximum likelihood estimates of the mean and variance were generated from each analyte*stratum subset of data using the NLIN module in SYSTAT (copyright 1987, SYSTAT, Inc.). Estimates were produced by minimizing the negative of the lognormal likelihood equation which incorporated multiple censor points. This negative likelihood function is expressed as the LOSS function in exhibit B-6.

As shown in exhibit B-6, MLEs were estimated using two minimization techniques. The first technique, the Simplex procedure, is invoked by an option statement in the first block of code. Simplex is a direct search minimization technique. The second procedure, Quasi-Newton, is the default procedure that is facilitated in the second block of code. This technique uses numeric estimates of the first and second derivative of the loss function to seek a minimum. The scale option was specified for both sections of the procedure to rescale the mean square error to 1 at the end of the iterations. This provided information theory standard errors of the parameters.

Arithmetic mean and variance estimates from the natural logarithm transformed data were produced in step 2. These values were provided as seed for the NLIN algorithms. Results from these seeds were audited by providing several different starting points to ensure the convergence of the estimates. When a pollutant was not measured above the minimum level for any of the samples in the stratum, the algorithm did not produce unique solutions. Therefore, the estimates for these cases were set to missing.

Step 5: Creation of a SAS data set from the SYSTAT MLEs
Code: Exhibit B-7 and B-8. Estimate listing: Exhibit B-9

All estimates produced for each of the minimization techniques SYSTAT were input into a SAS data set in this procedure. Exhibit B-7 provides the computer code for converting the MLEs from ASCII to SAS format. The outfiles resulting from this conversion were uploaded to the EPA mainframe as files XXXA011.SLU90821.FAP2690.MLE2AS.DATA and XXXA011.SLU90821.FAP2690.MLE2QN.DATA. The code presented in exhibit B-8 produces one SAS data set containing estimates from both SYSTAT minimization techniques. A listing of the SAS file data was compared against listed printout from the SYSTAT module. The listing of estimates is provided in exhibit B-9.

Step 6: Weighting functions of MLEs to produce national results.
Code P081RDA: Exhibit B-10.

Pollutant concentration estimates for each stratum are first generated by exponentiating functions of the MLE mean and variance estimates. These stratum estimates are then multiplied by the flow rate group stratum weights. These weights follow:

FLOW RATE GROUP	WEIGHT
FLOW > 100 MGD	28/11,346 = 0.002
10 < FLOW ≤ 100	324/11,346 = 0.029
1 < FLOW ≤ 10	1927/11,346 = 0.170
FLOW ≤ 1 MGD	9067/11,346 = 0.799.

The estimated mean national pollutant concentration was determined by summing the weighted mean estimates from the four strata. A weighted within stratum variance component was also obtained by summing weighted estimates of the pollutant concentration estimates from each stratum. A between strata variance component was estimated and added to the within strata component to produce a variance estimate for pollutant concentration. Stratum and national pollutant concentration estimates produced from this computer algorithm were reported in the Notice of Availability.

EXHIBIT B-1

ESTIMATION OF THE NUMBER OF POTWS BY DISPOSAL PRACTICE - SAS ALGORITHM

```
//XXX072 JOB (A011PCSYP,C809,,9999),'DPHAN',PRTY=2,TIME=(,10)
/*ROUTE PRINT HOLD
//* ================================= REQUEST # 28 =======
//*
//* Program name : XXXA011.SLUDGLIB(P072DGP)
//* Created      : May 18, 1990
//* Modified     : May 21, 1990
//*
//* ==========================================================
//* In this program:
//* - Disposal practice descriptive statistics are calculated.
//* - Cross tabs of survey (1986 Needs) disposal classification
//*   and reported major classification are calculated for both
//*   the Questionnaire and Analytical samples.
//* - National estimates of disposal practice Frequencies and
//*   POTWs using multiple disposals are generated.
//* ==========================================================
// EXEC SAS
//***
//INSAS  DD DSN=XXXA011.SLU29515.SSEP2689.SASFILE,DISP=SHR
//INSAS2 DD DSN=XXXA011.NSSS.SASLIB,DISP=SHR
//SYSIN DD *

OPTIONS CHARCODE;

*** Identifies survey nonrespondents;
PROC FORMAT;
 VALUE $DISPA
   '25-04-009',
   '45-11-079',
   '45-16-125',
   '35-36-322',
   '45-37-339',
   '45-39-372',
   '45-32-269' = 'Y' OTHER  = 'N';
 VALUE $DISPB
   '41-39-375',
   '21-46-435',
   '31-47-441',
   '41-50-460' = 'Y' OTHER  = 'N';
 VALUE $ATTACHB
   '12-50-467','13-05-016','16-32-263','23-40-382','25-05-014',
   '25-10-060','25-19-146','31-24-219','32-22-188','34-31-257',
   '35-05-018','35-10-053','35-18-144','41-15-094','42-21-182'
   ='Y'  OTHER='N';

* ========================================================== ;

             VALUE  MAJFMT
   1 = 'LAND APPLICATION    '
   2 = 'DIST. AND MARKETING '
   3 = 'INCINERATION        '
   4 = 'MONOFILL            '
   5 = 'CO-DISPOSAL LANDFILL'
   6 = 'OCEAN DISPOSAL      '
   7 = 'CO-INCINERATION     '
   8 = 'SURFACE DISPOSAL    '
   9 = 'OTHER               '
   10= 'OUT OF BUSINESS    '
   11= 'INELIGIBLE         '
   ;

DATA DISPOSAL; SET INSAS.S0107(KEEP=
                SURVEYID AQ24A1 AQ24B1 AQ24C1 AQ24D1 AQ24E1
                EPISODE AQ24F1 AQ24G1 AQ24H1 AQ24I1 AQ24I2);
   BY SURVEYID;

   *** Corrects POTWs with misclassified flow rate groups;
   IF SURVEYID='31-15-101' OR SURVEYID='35-18-144'
   OR SURVEYID='32-22-188' OR SURVEYID='34-20-163'
   OR SURVEYID='31-39-358' THEN
      SURVEYID='4'?/?/SUBSTR(SURVEYID,2);
```

```
   ELSE
      IF SURVEYID='23-49-453' THEN
         SURVEYID='3'?/?/SUBSTR(SURVEYID,2);

   SSTRATUM= INPUT(SUBSTR(SURVEYID,1,2),8.);
   SURDISP = INPUT(SUBSTR(SURVEYID,2,1),8.);
   LENGTH MAJOR $ 20;
   ARRAY PERCB(I) PERCb1 - PERCb9;
   ARRAY AQ24(I) AQ24A1 AQ24B1 AQ24C1 AQ24D1 AQ24E1
                 AQ24F1 AQ24G1 AQ24H1 AQ24I2;
   ARRAY MD (I) $ 1 MD1 - MD9; ** Multiple disposal code';

 *** SUM(.) is used in order for a number + missing to equal a number;
   TOTAL = SUM(OF AQ24A1 AQ24B1 AQ24C1 AQ24D1 AQ24E1
               AQ24F1 AQ24G1 AQ24H1 AQ24I2);

 *** Initiation of accumulators for results;
   MULTICNT = 0;
   PERCD = 0;

 *** Comparison loop;
   DO I = 1 TO 9;
      IF TOTAL > 0 & AQ24 > 0 THEN PERCB = ROUND(AQ24/TOTAL,.001);
        ELSE IF TOTAL = 0 AND AQ24 = 0 THEN PERCB = -1;
      IF PERCB > PERCD THEN DO;
         HOLD = I;
         PERCD = PERCB;
      END;
      ELSE IF PERCB = -1 THEN HOLD = I;
      IF AQ24 > 0 THEN DO;
           MULTICNT = MULTICNT + 1;  MD = PUT(I,1.); END;
   END;

   MAJOR = PUT(HOLD,MAJFMT.);

 *** If in the 'OTHER' category, list the comment field;
   IF HOLD=9 THEN MAJOR = AQ24I1;

 *** Define a variable ACTDISP the numeric value of the disposal;
   ACTDISP = HOLD;

   KEEP ACTDISP EPISODE MAJOR SURDISP SURVEYID MULTICNT MD1 - MD9
        SSTRATUM;
   LABEL ACTDISP   = 'REPORTED MAJOR DISPOSAL PRACTICE # (1-9)'
         SURDISP   = 'SURVEY DISPOSAL PRACTICE NUMBER (1-6)'
         MAJOR     = 'REPORTED MAJOR DISPOSAL PRACTICE'
         MULTICNT  = 'Number of DISPOSAL PRACTICES'
         /*
         MD1       = 'Land Application used'
         MD2       = 'Dist. and Marketing used'
         MD3       = 'Incineration used'
         MD4       = 'Monofill used'
         MD5       = 'Co-disposal landfill used'
         */
         ;

   PROC SORT DATA=DISPOSAL;
    BY SURVEYID;
* ============================================================ ;

 PROC FREQ DATA=DISPOSAL;
  TABLES MAJOR ACTDISP;
  TITLE 'REPORTED DISPOSAL PRACTICE BEFORE ADJUSTMENT';

*** Disposal practices used in 1988 are set to the disposal
    practice reported in the 1986 NEEDS Survey for NSSS
    nonrespondents;
DATA NONRES;
  INPUT SURVEYID $ 1-9 ACTDISP 11-12 @14 MAJOR $CHAR20.;
  SSTRATUM = INPUT(SUBSTR(SURVEYID,1,2),8.);

CARDS;
```

```
25-04-009 5  CO-DISPOSAL LANDFILL
45-11-079 5  CO-DISPOSAL LANDFILL
45-16-125 5  CO-DISPOSAL LANDFILL
35-36-322 5  CO-DISPOSAL LANDFILL
45-37-339 5  CO-DISPOSAL LANDFILL
45-39-372 5  CO-DISPOSAL LANDFILL
45-32-269 5  CO-DISPOSAL LANDFILL
41-39-375 1  LAND APPLICATION
21-46-435 1  LAND APPLICATION
31-47-441 1  LAND APPLICATION
41-50-460 1  LAND APPLICATION
;

PROC SORT DATA=NONRES; BY SURVEYID;

DATA ADJUST; SET DISPOSAL NONRES; BY SURVEYID;

 *** Classifies those POTWs reporting sludge lagoons under the
     "other" disposal option as surface disposal;
 IF MAJOR='SLUDGE LAGOON' THEN DO;
  ACTDISP= 8 ;
  MAJOR='SURFACE DISPOSAL    ';
 END;
                                  *** This is part c) of Request 28;
 IF MAJOR='TRANSFER' THEN MAJOR='TRANSFERRED';

 PROC FREQ DATA=ADJUST;
  TABLES MAJOR ACTDISP;
  TITLE 'REPORTED DISPOSAL PRACTICE AFTER ADJUSTMENT';

DATA SURDISP;
  INPUT @1 SSTRATUM 2. @2 SURDISP 1. @5 CAPN 4. @10 N 4.;

  *** W = Inverse of the sampling fraction;
  *** CAPN = Number of POTWs in the sampling frame stratum;
  *** N = POTWs in the sample stratum;
  if n <> 0 then
     W = CAPN / N;
  else
     w=.;
  KEEP SSTRATUM SURDISP W CAPN N;

CARDS;
11  2    2
12  8    8
13  7    7
14  0    0
15  7    7
16  4    4
21  61   13
22  18   10
23  74   33
24  11   9
25  148  31
26  12   11
31  524  26
32  41   23
33  61   27
34  17   13
35  1295 67
36  3    3
41  1646 75
42  27   15
43  2    1
44  17   13
45  7421 80
46  1    1
;
PROC SORT DATA=SURDISP; BY SSTRATUM;

* ========================================================== ;
* I.  Estimate the number of POTWs in each reported disposal
```

```
     practice ;

PROC FREQ DATA=ADJUST;
  TABLES ACTDISP*SSTRATUM/ OUT=I NOPRINT;

PROC SORT DATA=I; BY SSTRATUM;

DATA I;
  MERGE I SURDISP; BY SSTRATUM;
  EST = ROUND(W * COUNT);
  IF COUNT>0 THEN D1=1;
  ELSE D1=0;
  DFN=D1*(N-1);
  P=COUNT/N;
  Q=1-P;
  FH=1/W;
  IF N-1 <= 0 THEN SVAR=.;
  ELSE SVAR=(CAPN**2)*(1-FH)*(P*Q/(N-1));


  proc print data=i;
  title '---- list of set I for checking ----';

PROC SORT DATA=I; BY ACTDISP;
PROC MEANS DATA=I NOPRINT; BY ACTDISP;
  VAR EST SVAR DFN;
  OUTPUT OUT=TABLE1 SUM=EST DVAR DFN;

*** Estimates the number of POTWs that are out of business;
DATA TABLE1;
  SET TABLE1 END=EOF;
  OUTPUT;
  IF EOF THEN DO;
    ACTDISP = 10;  *** 2 * W41 + 2 * W45 ***;
    EST = ROUND(2 * 1646 / 75 + 2 * 7421 / 80);
    dvar=(1-75/1646)*(1646)**2*(2/75)*(1-2/75)/(74)
    +(1-80/7421)*(7421)**2*(2/80)*(1-2/80)/79;
    dfn=(79+74);
    OUTPUT;
    ACTDISP = 11;  *** 2 * W45 ***;
    EST = ROUND(2 * 7421/80);
    dvar=(1-80/7421)*(7421)**2*(2/80)*(1-2/80)/79;
    dfn=79;
    OUTPUT;
  END;


PROC SORT DATA=SURDISP; BY SURDISP;
DATA TABLE2;
     SET TABLE1;
     STDEST=DVAR**0.5;
     LCL=EST-1.96*STDEST;
     UCL=EST+1.96*STDEST;

PROC MEANS DATA=SURDISP NOPRINT; BY SURDISP;
     VAR CAPN;
     OUTPUT OUT=A SUM=CAPN;

PROC SORT DATA=TABLE2; BY ACTDISP;
DATA TABLE2;
  MERGE TABLE2(IN=IN1)
        A(KEEP=SURDISP CAPN RENAME=(SURDISP=ACTDISP));
  BY ACTDISP;
  IF IN1;
  IF CAPN = . THEN CHANGE =   EST;
  ELSE CHANGE = EST - CAPN;


PROC PRINT DATA=TABLE2 SPLIT='*';
  ID  ACTDISP;
  VAR         CAPN EST CHANGE DVAR LCL UCL DFN;
  SUM         CAPN EST CHANGE;
```

```
  FORMAT ACTDISP  MAJFMT.;
  LABEL ACTDISP = 'Disposal Practice'
        CAPN    = '1986*NEEDS classification'
        EST     = '1988*Estimated'
        CHANGE  = 'Change*1988 Estimate*-1986 NEEDS)'
        DVAR    = 'VARIANCE OF ESTIMATE'
        LCL     = 'LOWER CI'
        UCL     = 'UPPER CI'
        ;
title1 'TABLE 1';
TITLE3 'NATIONAL ESTIMATES OF DISPOSAL PRACTICE FREQUENCIES';
TITLE6 '                                    NUMBER OF POTWS';

* ============================================================ ;
* II.  Produce a frequency table for those practices listed in
       OTHER (AQ24I1) - Note: This excludes sludge lagoon and
       combines TRANSFER and TRANSFERRED.;

DATA II; SET ADJUST; BY SURVEYID;
  IF ACTDISP = 9;
  MAJOR2 = SUBSTR(MAJOR,1,16);

  proc print data=ii;
  title '---- set II for checking ----';

PROC FREQ DATA=II;
  TABLE MAJOR2 / OUT=TABLE2 NOPRINT;

PROC SORT DATA=TABLE2; BY MAJOR2;
PROC SORT DATA=II; BY MAJOR2;
DATA TT; SET II; BY MAJOR2; IF FIRST.MAJOR2; KEEP MAJOR2 MAJOR;
DATA TABLE2; MERGE TABLE2 TT; BY MAJOR2;

PROC PRINT DATA=TABLE2 SPLIT='*';
  ID MAJOR;
  VAR COUNT;
  LABEL  MAJOR  = 'RESPONSE'
         COUNT  = 'NUMBER OF POTWs'
         ;
TITLE 'TABLE 2';
TITLE3 'LISTING OF SURVEY RESPONSES REPORTED';
TITLE4 'IN DISPOSAL PRACTICE CATEGORY "OTHER"';


* ============================================================ ;
* (Some POTWs have 0's entered for disposal practices in AQ24.
  In some cases, the zeros are valid. In others, they are not.
  A listing of those POTWs with no valid zeros is in $ATTACHB.;
* III.  Characterization of POTWs reporting multiple disposal
      practices.;
* Determine the number of disposal practices (AQ24) for each
  Survey ID;
* A/ Estimate the number of POTWs using multiple disposal practices;

DATA MULTIA MULTIB; SET ADJUST; BY SURVEYID;
  IF MULTICNT > 1 THEN OUTPUT MULTIB;
  ELSE OUTPUT MULTIA;

  proc print data=MULTIB;
  title '---- set MULTI B for checking ----';

PROC FREQ DATA=MULTIB;
  TABLES ACTDISP*SSTRATUM/ OUT=III NOPRINT;

PROC SORT DATA=III; BY SSTRATUM;
PROC SORT DATA=SURDISP; BY SSTRATUM;

DATA III;
  MERGE III(IN=IN1) SURDISP(KEEP=SSTRATUM W); BY SSTRATUM; IF IN1;
  EST = ROUND(W * COUNT);

PROC SORT DATA=III; BY ACTDISP;
```

```
  proc print data=iii;
  title '---- list of set III for checking ----';

PROC MEANS DATA=III NOPRINT; BY ACTDISP;
  VAR EST;
  OUTPUT OUT=TABLE3 SUM=EST;


PROC PRINT DATA=TABLE3 SPLIT='*';
  ID  ACTDISP;
  VAR  EST; FORMAT EST 10.;
  SUM  EST;
  FORMAT ACTDISP  MAJFMT.;
  LABEL ACTDISP = 'Major Disposal Practice*Land Application'
        EST     = 'Estimate number of POTWs*using Multiple'
        ;
title1 'TABLE 3';
TITLE3 'NATIONAL ESTIMATES OF POTWS USING MULTIPLE DISPOSAL PRACTICES';
* ================================================================ ;
* B/  Subset the POTWs with more than 1 disposal practice response
      to AQ24;
* a) Count the number of POTWs using 2 reported practices
     - of these determine the number of POTWs in each grouping.
       (1,2  1,3  1,4  1,5  1,6  1,7  1,8  1,9
             2,3  2,4  2,5  2,6  2,7  2,8  2,9
             etc. 36 groups)
     - for those groups of multiple disposal practices that are not
       zero< identify the survey IDs within a group;

DATA MULTI2(KEEP=SURVEYID EPISODE SURDISP MAJOR ACTDISP GROUPING
     SSTRATUM)
     MULTI3(KEEP=SURVEYID MULTIDIS) MULTI4(KEEP=SURVEYID MULTIDIS);
  SET MULTIB; BY SURVEYID;
  ARRAY MD (I) $ 1 MD1 - MD9; ** Multiple disposal code';
  IF MULTICNT = 2 THEN DO;
     LENGTH GROUPING $ 2;
     GROUPING = COMPRESS(MD1 ?/?/ MD2 ?/?/ MD3 ?/?/ MD4 ?/?/ MD5
                         ?/?/ MD6 ?/?/ MD7 ?/?/ MD8 ?/?/ MD9);
     OUTPUT MULTI2;
  END;
  ELSE DO I = 1 TO 9;
         IF MD NE ' ' THEN DO;
            MULTIDIS = INPUT(MD,8.);
            IF MULTICNT = 3 THEN OUTPUT MULTI3;
            ELSE IF MULTICNT > 3 THEN OUTPUT MULTI4;
         END;
  END;
RUN; *  ---------------------------------------------------- ;

PROC FREQ DATA=MULTI2;
  TABLES GROUPING / OUT=TABLE3B NOPRINT;

PROC PRINT DATA=TABLE3B SPLIT='*';
  VAR GROUPING COUNT;
  LABEL COUNT = 'NUMBER OF POTWs';
TITLE 'TABLE 3B';
TITLE3 'NUMBER OF POTWs USING TWO(2) REPORTED PRACTICES';

RUN; *  ---------------------------------------------------- ;
PROC SORT DATA=MULTI2; BY SSTRATUM;
PROC SORT DATA=surdisp; BY SSTRATUM;

DATA MULTI2;
  MERGE MULTI2(IN=IN1) SURDISP(KEEP=SSTRATUM W); BY SSTRATUM; IF IN1;
PROC SORT DATA=MULTI2; BY GROUPING;

  proc print data=MULTI2;
  title '---- set MULTI 2 for checking ----';

PROC MEANS DATA=MULTI2 NOPRINT; BY GROUPING;
  VAR W;
  OUTPUT OUT=TABLE3C SUM=W;
```

```
PROC PRINT DATA=TABLE3C SPLIT='*';
  VAR GROUPING W; FORMAT W 10.;
  LABEL W ='NUMBER OF POTWs';
 TITLE 'ESTIMATE OF POTWs USING TWO(2) DISPOSAL PRACTICES';

RUN; * b) ---------------------------------------------------- ;
PROC PRINT DATA=MULTI3 UNIFORM SPLIT='*';
  BY SURVEYID; ID SURVEYID;
  VAR MULTIDIS; FORMAT MULTIDIS MAJFMT.;
  LABEL MULTIDIS = 'DISPOSAL PRACTICE';

TITLE 'LIST OF POTWs USING THREE(3) DISPOSAL PRACTICES';

RUN; * c) ---------------------------------------------------- ;
PROC PRINT DATA=MULTI4 UNIFORM SPLIT='*';
  BY SURVEYID; ID SURVEYID;
  VAR MULTIDIS; FORMAT MULTIDIS MAJFMT.;
  LABEL MULTIDIS = 'DISPOSAL PRACTICE';

TITLE 'LIST OF POTWs USING MORE THAN THREE(3) DISPOSAL PRACTICES';
* ========================================================== ;

* IV.  Produce a cross tab of reported vs. survey disposal as
       illustrated on attachment C;
DATA ADD;
  INPUT SURVEYID $ 1-9 ACTDISP 11-12 @14 MAJOR $CHAR20.;
   SURDISP = INPUT(SUBSTR(SURVEYID,2,1),8.);
CARDS;
45-25-229 10 OUT OF BUSINESS
45-01-003 10 OUT OF BUSINESS
41-11-067 10 OUT OF BUSINESS
41-17-136 10 OUT OF BUSINESS
45-42-387 11 INELIGIBLE
45-14-093 11 INELIGIBLE
;
PROC SORT DATA=ADD; BY SURVEYID;
  proc print data=add;
  title '----- set ADD for checking -----';

DATA IV;
  SET ADJUST ADD; BY SURVEYID;

 DISPA=PUT(SURVEYID,$DISPA.);
 DISPB=PUT(SURVEYID,$DISPB.);
 IF PUT(SURVEYID,$DISPA.)='Y' OR
    PUT(SURVEYID,$DISPB.)='Y' THEN DO;
  ACTDISP= 12;
  MAJOR='NON-RESPONDENTS';
 END;
 SURDISP=INPUT(SUBSTR(SURVEYID,2,1),8.);
 PROC SORT DATA=IV; BY DESCENDING MAJOR DISPA DISPB SURVEYID;
 PROC PRINT DATA=IV;
      VAR SURVEYID DISPA DISPB ACTDISP MAJOR;
      TITLE '- IV -';

PROC FREQ DATA=IV;
  TABLES SURDISP*ACTDISP;
TITLE 'POTWS IN THE QUESTIONAIRE SURVEY';
TITLE3
'REPORTED DISPOSAL PRACTICE VS. 1986 NEEDS DISPOSAL CLASSIFICATION FREQU
ENCIES';
TITLE5 'POTWS REPORTING SEVERAL DISPOSAL PRACTICES ARE CLASSIFIED';
TITLE6
'ACCORDING TO THE PRACTICE USED TO DISPOSE OF THE MAJORITY OF SLUDGE';
* ========================================================== ;

* V.  Prepare a cross tab for the analytical database (frequency
      count of survey disposal VS. Major reported disposal practice);

DATA LAGOON; SET DISPOSAL; BY SURVEYID;

 IF MAJOR = 'SLUDGE LAGOON' THEN DO;
```

```
  ACTDISP = 8;
  MAJOR  = 'SURFACE DISPOSAL    ';
  END;

 IF MAJOR = 'TRANSFER' THEN MAJOR = 'TRANSFERRED';

DATA ANAL; SET INSAS2.FAC_INFO(KEEP=SURVEYID EPISODE);
     IF SURVEYID='31-15-101' OR SURVEYID='35-18-144'
     OR SURVEYID='32-22-188' OR SURVEYID='34-20-163'
     OR SURVEYID='31-39-358' THEN
        SURVEYID='4'?/?/SUBSTR(SURVEYID,2);
     ELSE
        IF SURVEYID='23-49-453' THEN
           SURVEYID='3'?/?/SUBSTR(SURVEYID,2);
PROC SORT DATA=ANAL; BY SURVEYID EPISODE;

PROC SORT DATA=LAGOON(KEEP=SURVEYID EPISODE SURDISP ACTDISP MAJOR);
  BY SURVEYID EPISODE;

DATA ANAL;
  MERGE ANAL(IN=IN1) DISPOSAL; BY SURVEYID ; IF IN1;
  IF SURVEYID='25-04-009' OR SURVEYID='45-16-125' OR
     SURVEYID='35-36-322' OR SURVEYID='45-32-269' THEN ACTDISP=5;
  ELSE IF SURVEYID='31-47-441' THEN ACTDISP=1;

  MAJOR = PUT(ACTDISP,MAJFMT.);

  IF EPISODE = 0 THEN DO;
     MAJOR = 'NO SLUDGE SAMPLED';
     ACTDISP=10;
  END;

  IF SURVEYID='25-50-472' OR SURVEYID='31-23-206' OR
     SURVEYID='31-18-140' THEN DO;
     MAJOR = 'PRIMARY SAMPLES';
     ACTDISP=11;
  END;
  ELSE IF SURVEYID='45-42-387' OR SURVEYID='45-25-229' OR
     SURVEYID='45-37-339' THEN DO;
     MAJOR = 'OUT OF BUSINESS / INELIGIBLE';
     ACTDISP=12;
  END;
 SURDISP=INPUT(SUBSTR(SURVEYID,2,1),8.);

PROC SORT DATA=ANAL; BY SURDISP MAJOR;
PROC PRINT DATA=ANAL;
     VAR SURVEYID SURDISP MAJOR;
TITLE 'ANALYTICAL DATABASE';

PROC FREQ DATA=ANAL;
  TABLES SURDISP*ACTDISP;
TITLE 'POTWS IN THE ANALYTICAL SURVEY';
TITLE3
'1986 NEEDS DISPOSAL CLASSIFICATION FREQUENCIES VS. REPORTED DISPOSAL PR
ACTICES';
TITLE5 'POTWS REPORTING SEVERAL DISPOSAL PRACTICES ARE CLASSIFIED';
TITLE6
'ACCORDING TO THE PRACTICE USED TO DISPOSE OF THE MAJORITY OF SLUDGE';
* ============================================================ ;
* ============================================================ ;
```

EXHIBIT B-2

ESTIMATION OF THE NUMBER OF POTWS BY FLOW RATE GROUP - SAS ALGORITHM

```
//XXX074 JOB (A011SSCSP,C809,,9999),'AARON',PRTY=2,TIME=(,10)
/*ROUTE PRINT HOLD
//***************************************  REQUEST # 30 *******
//*
//* PROGRAM NAME : XXXA011.SLUDGLIB(P074RDA)
//* CREATED      : 5/21/90
//* MODIFIED     : 5/29/90
//*
//*************************************************************
//*
//* DESCRIPTION:   REQUEST #30
//* - TABLE 9:
//*   National estimates of POTWs by average daily flow group
//* - TABLE 7:
//*   POTWs in the questionnaire survey
//*   1986 needs flow rate classification vs. 1988 reported flow rate
//*     group frequencies
//* - TABLE 8:
//*   POTWs in the analytical survey
//*   1986 needs flow rate classification vs. 1988 reported flow rate
//*     group frequencies
//*
//*************************************************************
// EXEC SAS
//INSAS DD DSN=XXXA011.SLU29515.SSEP2689.SASFILE,DISP=SHR
//SYSIN DD *

OPTIONS CHARCODE NODATE;

PROC FORMAT;
 VALUE $FLOWFMT
 '1'= '   > 100 MGD     '
 '2'= '10 < FLOW <= 100 '
 '3'= ' 1 < FLOW <= 10  '
 '4'= '     FLOW <= 1   '
 '5'= ' OUT OF BUSINESS '
 '6'= '   INELIGIBLE    '
 '7'= '  NONRESPONDANTS ';

DATA ADJUST; SET INSAS.S0102;
 BY SURVEYID;

 *** Re-classification;
 IF SURVEYID='31-15-101'
  OR SURVEYID='35-18-144'
  OR SURVEYID='32-22-188'
  OR SURVEYID='34-20-163'
  OR SURVEYID='31-39-358' THEN SURVEYID='4'?/?/SUBSTR(SURVEYID,2);
  ELSE IF SURVEYID='23-49-453' THEN SURVEYID='3'?/?/SUBSTR(SURVEYID,2);

 SSTRATUM=SUBSTR(SURVEYID,1,2);

 *** Reported flow group;
 IF AQ9B > 100 THEN REPFLOW = '1';
 ELSE IF AQ9B > 10 & AQ9B <= 100 THEN REPFLOW = '2';
 ELSE IF AQ9B > 1 & AQ9B <= 10 THEN REPFLOW = '3';
 ELSE IF AQ9B <= 1 THEN REPFLOW = '4';

 PROC SORT DATA=ADJUST;
  BY SURVEYID;

*** Include the nonrespondents setting 1988 flow rate group to
    the flow rate group reported in the 1986 NEEDS Survey;
DATA NONRESP;
 INPUT SURVEYID $ 5-13;

 SSTRATUM=SUBSTR(SURVEYID,1,2);
 REPFLOW=SUBSTR(SURVEYID,1,1);

 CARDS;
    25-04-009
    21-46-435
```

```
    35-36-322
    31-47-441
    45-11-079
    45-16-125
    45-37-339
    45-39-372
    45-32-269
    41-39-375
    41-50-460
    ;

 PROC SORT DATA=NONRESP;
  BY SURVEYID;

*** Concatenate the two datasets for intended analysis;
DATA ALL; SET ADJUST NONRESP;
 BY SURVEYID;

*** Survey flow stratum. CAPNij = Sampling frame size
                          Nij = Sample size;
DATA SAMPLE;
 INPUT SSTRATUM $ 1-2
       CAPNij     5-8
       Nij        12-13
       ;
 *** Wij = Inverse of sampling fraction;
 Wij = CAPNij / Nij;

CARDS;
11     2    2
12     8    8
13     7    7
14     0    0
15     7    7
16     4    4
21    61   13
22    18   10
23    74   33
24    11    9
25   148   31
26    12   11
31   524   26
32    41   23
33    61   27
34    17   13
35  1295   67
36     3    3
41  1646   75
42    27   15
43     2    1
44    17   13
45  7421   80
46     1    1
;

 PROC SORT DATA=SAMPLE;
  BY SSTRATUM;

*****************************************************************;
* I.  Estimate the number of POTWs in each reported flow group;
*       TABLE 9;
*****************************************************************;

 /*
PROC FREQ DATA=ALL;
 TABLES REPFLOW*SSTRATUM;
*/

PROC FREQ DATA=ALL;
 TABLES REPFLOW*SSTRATUM / OUT=Nijk NOPRINT;
```

```
 PROC SORT DATA=Nijk;
  BY SSTRATUM;

 /*
 PROC PRINT DATA=Nijk;
  TITLE'PRINT OF Nijk';
 */

DATA ESTIMATE; MERGE Nijk SAMPLE;
 BY SSTRATUM;

 *** Calculates the number of POTW's in each reported flow group;
 NUMFLOW = ROUND(Wij * COUNT);
 P = COUNT / Nij;
 Q = 1 - P;
 FH = 1 / Wij;
 IF (Nij - 1) > 0 THEN SVAR = (CAPNij)**2 * (1-FH) * ((P*Q)/(Nij-1));

 /*
 PROC PRINT DATA=ESTIMATE;
  TITLE 'PRINT OF ESTIMATE (NUMFLOW)';
 */

 PROC SORT DATA=ESTIMATE;
  BY REPFLOW;

 PROC MEANS DATA=ESTIMATE NOPRINT;
  BY REPFLOW;
  VAR NUMFLOW SVAR;
  OUTPUT OUT=TABLE9 SUM=NUMFLOW DVAR;

 /*
  PROC PRINT DATA=TABLE9;
   TITLE'TEST PRINT AFTER SUMMING BY SURFLOW';
 */

DATA TABLE9;
 SET TABLE9 END=EOF;
 OUTPUT;

 *** Add 2 new flow categories;
 IF EOF THEN DO;
   REPFLOW = '5';  *** Out of Business;
   NUMFLOW = ROUND(2 * 7421/80 + 2 * 1646/75);
   DVAR = (1-80/7421) * 7421**2 * (2/80) * (1-2/80) * (1/19)
          + (1-75/1646) * 1646**2 * (2/75) * (1-2/75) * (1/74);
  OUTPUT;
   REPFLOW = '6';  *** Ineligible;
   NUMFLOW = ROUND(2 * 7421/80);
   DVAR = (1-80/7421) * 7421**2 * (2/80) * (1-2/80) * (1/79);
  OUTPUT;
 END;

 PROC SORT DATA=TABLE9;
  BY REPFLOW;

DATA A; SET SAMPLE;
 SURFLOW = SUBSTR(SSTRATUM,1,1);

 PROC SORT DATA=A;
  BY SURFLOW;

 PROC MEANS DATA=A NOPRINT; BY SURFLOW;
  VAR CAPNij;
  OUTPUT OUT=B SUM=CAPNij;

DATA TABLE9; SET TABLE9;
 BY REPFLOW;

 STDEST = DVAR**0.5;
 LCL = NUMFLOW - 1.96 * STDEST;
 UCL = NUMFLOW + 1.96 * STDEST;
```

```
DATA TABLE9;
 MERGE TABLE9 B(RENAME=(SURFLOW=REPFLOW));
 BY REPFLOW;

 *** Identify if 1988 ESTIMATED is greater than 1986 NEEDS CLASS;
 IF CAPNij = . THEN CHANGE = NUMFLOW;
  ELSE CHANGE = NUMFLOW-CAPNij;


 PROC PRINT DATA=TABLE9 SPLIT='*';
  ID REPFLOW;
  VAR CAPNij NUMFLOW CHANGE DVAR LCL UCL;
  SUM CAPNij NUMFLOW CHANGE;
  FORMAT REPFLOW  $FLOWFMT.;
  LABEL REPFLOW = '**REPORTED FLOW GROUP'
        CAPNij  = '*1986*NEEDS CLASS'
        NUMFLOW = '*1988*ESTIMATED'
        CHANGE  = 'CHANGE*(1988 ESTIMATE*-1986 NEEDS)'
        DVAR    = 'VARIANCE*   OF THE*ESTIMATE'
        LCL     = '**LOWER CI'
        UCL     = '**UPPER CI'
        ;
  TITLE1 'TABLE 9';
  TITLE2 'NATIONAL ESTIMATES OF POTWs BY AVERAGE DAILY FLOW GROUP';

*************************************************************;
* II.  Cross tabs of questionnaire results;
*       TABLE 7;
*************************************************************;


*** Include the nonrespondents, out of business and ineligible;
DATA ADD1;
 INPUT SURVEYID $ 5-13
       REPFLOW  $ 15
       ;
 SURFLOW=SUBSTR(SURVEYID,1,1);

 CARDS;
    25-04-009 7
    21-46-435 7
    35-36-322 7
    31-47-441 7
    45-11-079 7
    45-16-125 7
    45-37-339 7
    45-39-372 7
    45-32-269 7
    41-39-375 7
    41-50-460 7
    45-01-003 5
    41-11-067 5
    41-17-136 5
    45-25-229 5
    45-14-093 6
    45-42-387 6
    ;

 PROC SORT DATA=ADD1;
  BY SURVEYID;

DATA TEMP; SET ADJUST(KEEP=EPISODE SURVEYID REPFLOW);
 BY SURVEYID;
 SURFLOW = SUBSTR(SURVEYID,1,1);

 *** Re-classification;
 IF SURFLOW='31-15-101'
  OR SURFLOW='35-18-144'
  OR SURFLOW='32-22-188'
  OR SURFLOW='34-20-163'
  OR SURFLOW='31-39-358' THEN SURFLOW='4';
 ELSE IF SURFLOW='23-49-453' THEN SURFLOW='3';
```

```
DATA TABLE7; SET TEMP ADD1;
 BY SURVEYID;

 PROC FREQ DATA=TABLE7;
  TABLES SURFLOW REPFLOW;
  TITLE1'UNIQUE VALUES OF REPFLOW AND SURFLOW';

 PROC FREQ DATA=TABLE7;
  TABLES SURFLOW*REPFLOW;
  TITLE1'TABLE 7';
  TITLE2;
  TITLE3'POTWS IN THE QUESTIONNAIRE SURVEY';
  TITLE4'1986 NEEDS FLOW RATE CLASSIFICATION VS. 1988 REPORTED FLOW RATE
 GROUP FREQUENCIES';

*****************************************************************;
* III.  Cross tabs of analytical results;
*****************************************************************;

DATA ADD2;
 INPUT SURFLOW $ 2
       REPFLOW $ 4
       ;
 CARDS;
 4 7
 4 7
 4 7
 2 2
 4 4
 3 3
 3 3
 4 4
 ;

DATA TABLE8; SET TEMP;

 *** Delete for all facilities not in the analytical survey;
 IF INPUT(EPISODE,8.) < 0 THEN DELETE;

 EPISODE = LEFT(EPISODE);
 *** Conditional statements for additional reported flow categories;
 *** If EPISODE = 0, then reported flow = 'NO SLUDGE SAMPLED';
 IF EPISODE = '0' THEN REPFLOW = '5';

 *** If EPISODE = 1386, 1398 or 1477, then
       reported flow = 'PRIMARY SLUDGE SAMPLED';
 IF EPISODE = '1386' OR
    EPISODE = '1398' OR
    EPISODE = '1477' THEN REPFLOW = '6';

DATA TABLE8; SET TABLE8 ADD2;

 PROC FREQ DATA=TABLE8;
  TABLES SURFLOW REPFLOW;
  TITLE1'UNIQUE VALUES OF SURFLOW AND REPFLOW';

 PROC FREQ DATA=TABLE8;
  TABLES SURFLOW*REPFLOW;
  TITLE1'TABLE 8';
  TITLE2;
  TITLE3'POTWS IN THE ANALYTICAL SURVEY';
  TITLE4'1986 NEEDS FLOW RATE CLASSIFICATION VS. 1988 REPORTED FLOW RATE
 GROUP FREQUENCIES';
```

EXHIBIT B-3

CREATION OF A NSSS ANALYTICAL DATABASE SUBSET CONTAINING THE POLLUTANTS OF CONCERN - SAS ALGORITHM

```
//XXX051 JOB (A011SSCSP,C809,,9999),'WILKIE',TIME=(,30)
/*ROUTE PRINT HOLD
//*************************************************************
//* PROGRAM NAME :XXXA011.SLUDGLIB(P051GRW)
//* DATE CREATED :APRIL 3, 1990
//* DATE MODIFIED:JULY 16, 1990
//*************************************************************
//  EXEC SAS
//IN1 DD DSN=XXXA011.NSSS.SASLIB,DISP=SHR
//OUT DD DSN=XXXA011.SLU90821.FAP0390A.P051,DISP=OLD
//*  DCB=(RECFM=FB,LRECL=110,BLKSIZE=6270),
//*  DISP=(NEW,CATLG,DELETE),SPACE=(CYL,(5,1),RLSE)
//SYSIN DD *

  /*PURPOSE:
  THIS PROGRAM WILL SUBSET ON THE CHEMICALS ON THE
  LIST.
  $WKGOPCM.NSSS.SASLIB
  OUTPUT IS THE SAS DATA SET STORED AS
  $XXXA011.SLU90821.SOC1289.S009                          */

PROC FORMAT; VALUE $INCLFMT
'309002    ','7440382   ','71432     ','50328     ','7440417   ',
'117817    ','7440439   ','57749     ','7440473   ','7440508   ',
'60571     ','62759     ','76448     ','118741    ','87683     ',
'7439921   ','72548     ','72559     ','50293     ','58899     ',
'7439976   ','7439987   ','7440020   ','7782492   ','8001352   ',
'79016     ','7440666   ','12674112  ','11104282  ','11141165  ',
'53469219  ','12672296  ','11097691  ','11096825  '='Y'
OTHER='N';
             VALUE $FLOWFMT
'1' = '>=100 MGD       '
'2' = '10 <= FLOW < 100'
'3' = '1 <= FLOW < 10  '
'4' = '< 1 MGD         ';

DATA SLUDGE; SET IN1.PH_EPA(KEEP=AMOUNT ANALYTE CAS_NO
                DETLIMIT EPISODE UNIT SAMPLE)
                IN1.MT_EPA(KEEP=AMOUNT ANALYTE CAS_NO
                DETLIMIT EPISODE UNIT SAMPLE)
                IN1.ORG_EPA(KEEP=AMOUNT ANALYTE CAS_NO
                DETLIMIT EPISODE UNIT SAMPLE)
                IN1.CL_EPA(KEEP=AMOUNT ANALYTE CAS_NO
                DETLIMIT EPISODE UNIT SAMPLE);

*PERFORM SUBSETTING OPERATIONS;
   IF PUT(CAS_NO,$INCLFMT.)='Y' OR ANALYTE = 'RESIDUE, TOTAL';
  /*VIAR REPORTED THAT EPISODE 1450 IN METALS DATA
    SHOULD BE EPISODE 1453 ON 10-16-89   */
   IF EPISODE = '1450' THEN EPISODE = '1453';
  /*VIAR REPORTED THAT EPISODE 1477 IN ALL MEMBERS
    SHOULD BE DELETED ON 10-16-89   */
   IF EPISODE = '1477' THEN DELETE;
   EPISODE = LEFT(EPISODE);
*  IF AMOUNT = . THEN AMOUNT = DETLIMIT;

PROC SORT DATA=SLUDGE; BY EPISODE SAMPLE;

DATA SAM; SET IN1.SAM_INFO;

 PROC SORT DATA=SAM;
  BY EPISODE SAMPLE;

DATA SLUDGE; MERGE SLUDGE(IN=IN1) SAM;
 BY EPISODE SAMPLE;
 IF IN1;

 *** DELETE ALL DATA POINTS WITH PRI_SLG = 'T';
 IF PRI_SLG='T' THEN DELETE;

DATA SLUDGE TOTRES(RENAME=(AMOUNT=TOTRES)
   DROP=ANALYTE UNIT DETLIMIT CAS_NO);
```

```
   SET SLUDGE; BY EPISODE SAMPLE;
   IF ANALYTE = 'RESIDUE, TOTAL' THEN OUTPUT TOTRES;
   ELSE OUTPUT SLUDGE;

DATA SLUDGE; MERGE SLUDGE TOTRES; BY EPISODE SAMPLE;

DATA SLUDGE; SET SLUDGE; BY EPISODE SAMPLE;
   WETDRY = 'DRY';
   OUTPUT;
   WETDRY = 'WET';
   AMOUNT = AMOUNT * TOTRES / 100;
   DETLIMIT=DETLIMIT * TOTRES / 100;
   IF UNIT = 'UG/KG' THEN UNIT = 'UG/L';
   ELSE IF UNIT = 'MG/KG' THEN UNIT = 'MG/L';
   OUTPUT;

PROC SORT DATA=SLUDGE; BY EPISODE SAMPLE WETDRY;

DATA _NULL_; SET SLUDGE; FILE OUT;
   PUT @1 EPISODE $CHAR4. @6 SAMPLE $CHAR5. @12 ANALYTE $CHAR40.
       @53 AMOUNT 15.4 @69 TOTRES 15.4 @85 UNIT $CHAR5.
       WETDRY $ 91-93 @95 DETLIMIT 15.4;

PROC SORT DATA=SLUDGE;
 BY ANALYTE EPISODE SAMPLE;

PROC PRINT DATA=SLUDGE;
 VAR EPISODE SAMPLE ANALYTE CAS_NO AMOUNT DETLIMIT UNIT TOTRES WETDRY;
 TITLE 'CHEMICALS SELECTED FROM ANALYTICAL DATABASE';
```

EXHIBIT B-4

CREATION OF A FLAT FILE FROM SUBSET DATA - SAS ALGORITHM

```
//XXX0522 JOB (A011SSCSP,C809,,9999),'AARON',TIME=(,30)
/*ROUTE PRINT HOLD
//*****************************************************
//*
//*  PROGRAM NAME : XXXA011.SLUDGLIB(P052RDA2)
//*  DERIVED FROM : XXXA011.SLUDGLIB(P052RDA)
//*  CREATED      : 4/17/90
//*  MODIFIED     : 5/20/90
//*
//*****************************************************
//*
//*  DESCRIPTION  : REQUEST #18
//*      This file creates a ASCII file of NSSS pollutant
//*    concentration data for the 28 pollutants of concern.
//*    This file will be used to calculate MLEs in SYSTAT.
//*    Means and variances of the ln transformed data are
//*    also calculated for each ANALYTE*STRATUM.  These values
//*    will be used as starting values or "seeds" for the
//*    SYSTAT NONLIN procedure.
//*
//*****************************************************
//  EXEC SAS
//INSAS1 DD DSN=XXXA011.SLU90821.SOC1289.S009,DISP=SHR
//INSAS2 DD DSN=XXXA011.SLU90821.SAP1190.WEIGHT,DISP=OLD
//OUT DD DSN=XXXA011.SLU90821.FAP1190.P052,
//   DISP=OLD
//*  UNIT=DISK,
//*  DCB=(RECFM=FB,LRECL=70,BLKSIZE=6230),
//*  DISP=(NEW,CATLG,DELETE),SPACE=(CYL,(5,1),RLSE)
//SYSIN DD *

DATA SLUDGE DUPFLAG; LENGTH STRATUM $ 1; SET INSAS1.SLUDGE;
 STRATUM = SUBSTR(SURVEYID,1,1);

 *** Re-classification;
 IF SURVEYID = '31-15-101'
  OR SURVEYID = '35-18-144'
  OR SURVEYID = '32-22-188'
  OR SURVEYID = '34-20-163'
  OR SURVEYID = '31-39-358' THEN STRATUM = '4';
  ELSE IF SURVEYID = '23-49-453' THEN STRATUM = '3';

 *** Deletes data from primary sludge samples;
 IF PRI_SLG = 'T' THEN DELETE;

 *** Separates duplicate samples;
 IF DUPFLAG = 'T' THEN OUTPUT DUPFLAG;
  ELSE OUTPUT SLUDGE;
 DROP CAS_NO FRACTION;

 PROC SORT DATA=SLUDGE;
  BY ANALYTE EPISODE;

 PROC SORT DATA=DUPFLAG;
  BY ANALYTE EPISODE;

 *** Averages AMOUNT & DETLIMIT for duplicate samples;
 PROC MEANS DATA=DUPFLAG NOPRINT;
  BY ANALYTE EPISODE;
  ID PRI_SLG UNIT SURVEYID STRATUM;
  VAR AMOUNT DETLIMIT;
  OUTPUT OUT=TEMP MEAN=AMOUNT DETLIMIT;

*** Determines where a concentration was measured above the
    detection limit or not;
DATA SLUDGE; SET TEMP SLUDGE;
 BY ANALYTE EPISODE;
 IF AMOUNT > DETLIMIT THEN DO;
   QUANTITY=AMOUNT;
   HIT='1';
   NOHIT='0';
  END;
```

```
 ELSE IF AMOUNT <= DETLIMIT THEN DO;
   QUANTITY=DETLIMIT;
   HIT='0';
   NOHIT='1';
  END;

DATA SLUDGE; SET SLUDGE;
 LNQTY=LOG(QUANTITY);

 PROC SORT DATA=SLUDGE;
  BY ANALYTE STRATUM;

 *** Starting or seed values for SYSTAT NONLIN;
 PROC UNIVARIATE DATA=SLUDGE NORMAL PLOT;
  BY ANALYTE STRATUM;
  VAR LNQTY;
  OUTPUT OUT=QUICK MEAN=MEAN VAR=VARIANCE;

 PROC PRINT DATA=QUICK;

*** Outputs flat ASCII file;
DATA _NULL_; SET SLUDGE; FILE OUT;
   PUT @1 EPISODE $CHAR4. @6 ANALYTE $CHAR40.
       HIT $ 47 NOHIT $ 49 @51 UNIT $CHAR5.
       @57 QUANTITY 12.4 STRATUM $ 70;

DATA INSAS2.QUANTITY; SET SLUDGE;

PROC CONTENTS DATA=INSAS2.QUANTITY;
 TITLE 'XXXA011.SLU90821.SAP1190.WEIGHT(QUANTITY)';

*** SAS printing of data output to flat file;
PROC PRINT DATA=SLUDGE;
   TITLE 'PRINT OF DATASET USED FOR REQUEST 18:';
```

EXHIBIT B-5

IMPORTING OF THE NSSS DATA INTO SYSTAT - SYSTAT ALGORITHM

*** Downloaded ASCII file is input to SYSTAT as HITMISS3.SYS;

```
INPUT (EPISODE,ANALYTE$,HIT,NOHIT,UNIT$,QUANTITY,STRATNUM$)
      (#4,>,$12,29*>,#1,>,#1,>,$5,>,#7,>,$1)
GET 'C:\IRMA2\P052RDA2.DWN'
SA D:HITMISS3
RUN
```

EXHIBIT B-6

PRODUCTION OF MLES USING NLIN MODULE - SYSTAT ALGORITHM

```
*** MLE estimates using SYSTAT NONLIN module;


PRINT LONG
USE D:HITMISS3


1)
SELECT ANALYTE$='ZZZ',STRATUM$='#'
NOTE  'ZZZ, STRATUM = #, SIMPLEX'
MODEL QUANTITY=MEAN
LOSS=-LOG(HIT*EXP(-(LOG(QUANTITY)-ESTIMATE)^2/(VARIANCE*2))/(QUANTITY*(VARIANCE*6.28)^.5)+,
     NOHIT*ZCF((LOG(QUANTITY)-ESTIMATE)/VARIANCE^.5))
ESTIMATE/SIMPLEX SCALE START=X,Y


2)
SELECT ANALYTE$='ZZZ',STRATUM$='#'
NOTE  'ZZZ, STRATUM = #, QUASI-NEWTON'
MODEL QUANTITY=MEAN
LOSS=-LOG(HIT*EXP(-(LOG(QUANTITY)-ESTIMATE)^2/(VARIANCE*2))/(QUANTITY*(VARIANCE*6.28)^.5)+,
     NOHIT*ZCF((LOG(QUANTITY)-ESTIMATE)/VARIANCE^.5))
ESTIMATE/SCALE START=X,Y

  WHERE:
    1)  Simplex method:
          ANALYTE$ = {ZZZ = ALDRIN, ..., 4,4'-DDT}
          STRATUM$ = {# = 1,2,3,4}

    2)  Quasi-Newton method:
          ANALYTE$ = {ZZZ = ALDRIN, ..., 4,4'-DDT}
          STRATUM$ = {# = 1,2,3,4}
```

EXHIBIT B-7

CREATION OF A SAS DATASET CONTAINING MLE ESTIMATES - SAS ALGORITHM

```
//XXX0582 JOB (A011SSCSP,C809,,9999),'AARON',TIME=(,30)
/*ROUTE PRINT HOLD
//*******************************************************************
//*
//*  PROGRAM NAME : XXXA011.SLUDGLIB(P058RDA2)
//*  DERIVED FROM : XXXA011.SLUDGLIB(P058RDA)
//*  CREATED      : 4/22/90
//*  MODIFIED     : 5/20/90
//*
//*******************************************************************
//*
//*  DESCRIPTION  : This program developes a SAS member containing
//*    mean & variance estimates, upper/lower CI, and corrlation on
//*    mean & variance from the SYSTAT MLE's using both SIMPLEX and
//*    QUASI-NEWTON options.
//*
//*******************************************************************
//  EXEC SAS
//INDAT1 DD DSN=XXXA011.SLU90821.FAP2690.MLE2AS.DATA,DISP=SHR
//INDAT2 DD DSN=XXXA011.SLU90821.FAP2690.MLE2AQN.DATA,DISP=SHR
//INSAS1 DD DSN=XXXA011.SLU90821.SOC1289.S009,DISP=SHR
//INSAS2 DD DSN=XXXA011.SLU90821.SAP1190.WEIGHT,DISP=OLD
//SYSIN DD *

DATA HIT DUPFLAG; SET INSAS1.SLUDGE;
 STRATUM = SUBSTR(SURVEYID,1,1);

 *** Re-classification;
 IF SURVEYID = '31-15-101'
  OR SURVEYID = '35-18-144'
  OR SURVEYID = '32-22-188'
  OR SURVEYID = '34-20-163'
  OR SURVEYID = '31-39-358' THEN STRATUM = '4';
  ELSE IF SURVEYID = '23-49-453' THEN STRATUM = '3';

 IF PRI_SLG = 'T' THEN DELETE;
 IF DUPFLAG = 'T' THEN OUTPUT DUPFLAG;
  ELSE OUTPUT HIT;
 DROP CAS_NO FRACTION;

 PROC SORT DATA=HIT;
  BY ANALYTE EPISODE;

 PROC SORT DATA=DUPFLAG;
  BY ANALYTE EPISODE;

 PROC MEANS DATA=DUPFLAG NOPRINT;
  BY ANALYTE EPISODE;
  ID PRI_SLG UNIT SURVEYID STRATUM;
  VAR AMOUNT DETLIMIT;
  OUTPUT OUT=TEMP MEAN=AMOUNT DETLIMIT;

DATA HIT; SET TEMP HIT;
 BY ANALYTE EPISODE;

 IF AMOUNT > DETLIMIT THEN DO;
   QUANTITY=AMOUNT;
   HIT=1;
   NOHIT=0;
  END;
 ELSE IF AMOUNT <= DETLIMIT THEN DO;
   QUANTITY=DETLIMIT;
   HIT=0;
   NOHIT=1;
  END;

 PROC SORT DATA=HIT;
  BY ANALYTE STRATUM;
```

```
 PROC MEANS DATA=HIT NOPRINT;
  BY ANALYTE STRATUM;
  ID UNIT;
  VAR HIT;
  OUTPUT OUT=HIT SUM=DETN N=SAMPS;

 /*
 PROC PRINT DATA=HIT(OBS=20);
  TITLE'SAMPLE PRINT OF SET AVEBYIND';
 */

DATA MLE2aS; INFILE INDAT1;
  INPUT
 @1   ANALYTE  $CHAR40.
 @41  STRATUM  $ 1.
 @42  CAPNi      4.
 @46  Ni         2.
 @50  MEANS      7.3
 @61  MLCIS      7.3
 @73  MUCIS      6.3
 @83  VARS       6.3
 @93  VLCIS      7.3
 @104 VUCIS      6.3
 @114 CORRS      6.3
     ;

 PROC SORT DATA=MLE2aS;
  BY ANALYTE STRATUM;

 /*
 PROC PRINT DATA=MLE2aS(OBS=20);
  TITLE'SAMPLE PRINT OF SET MLE2aS';
 */

DATA MLE2AQN; INFILE INDAT2;
  INPUT
 @1   ANALYTE  $CHAR40.
 @41  STRATUM  $ 1.
 @42  CAPNi      4.
 @46  Ni         2.
 @50  MEANQN     7.3
 @61  MLCIQN     7.3
 @73  MUCIQN     6.3
 @83  VARQN      7.3
 @93  VLCIQN     7.3
 @104 VUCIQN     7.3
 @114 CORRQN     6.3
     ;

 PROC SORT DATA=MLE2aQN;
  BY ANALYTE STRATUM;

 /*
 PROC PRINT DATA=MLE2aQN(OBS=20);
  TITLE'SAMPLE PRINT OF SET MLE2aQN';
 */

DATA SAMSIZE; SET INSAS2.WEIGHT(KEEP=ANALYTE STRATUM SAMSIZE WEIGHT);

 PROC SORT DATA=SAMSIZE;
  BY ANALYTE STRATUM;

DATA MLE2; MERGE HIT MLE2aS MLE2aQN SAMSIZE;
 BY ANALYTE STRATUM;

DATA INSAS2.MLE2; SET MLE2;
 BY ANALYTE STRATUM;

 LABEL SAMSIZE ='NUMBER OF EPISODES FOR EACH STRATUM'
       MEANS   ='MEAN ESTIMATE: SIMPLEX'
       MEANQN  ='MEAN ESTIMATE: QUASI-NEWTON'
       VARS    ='VAR ESTIMATE: SIMPLEX'
```

```
      VARQN    ='VAR ESTIMATE: QUASI-NEWTON'
      CAPNi    ='SAMPLING FRAME FOR ANALYTICAL SURVEY(Ni)'
      Ni       ='SAMPLING SIZE FOR ANALYTICAL SURVEY (ni)'
      DETN     ='# OF HITS IN STRATUM AMONG INDEP. SAMPS'
      SAMPS    ='# OF INDEP. SAMPLES FOR EACH STRATUM'
      MLCIS    ='LOWER 95% CI: MEAN (SIMPLEX)'
      MUCIS    ='UPPER 95% CI: MEAN (SIMPLEX)'
      VLCIS    ='LOWER 95% CI: VAR (SIMPLEX)'
      VUCIS    ='UPPER 95% CI: VAR (SIMPLEX)'
      MLCIQN   ='LOWER 95% CI: MEAN (Q-N)'
      MUCIQN   ='UPPER 95% CI: MEAN (Q-N)'
      VLCIQN   ='LOWER 95% CI: VAR (Q-N)'
      VUCIQN   ='UPPER 95% CI: VAR (Q-N)'
      CORRS    ='CORR. OF MEAN & VAR ESTIMATES: SIMPLEX'
      CORRQN   ='CORR. OF MEAN & VAR ESTIMATES: Q-N'
      ;

PROC CONTENTS DATA=INSAS2._ALL_;
 TITLE'CONTENTS OF XXXA011.SLU90821.SAP1190.WEIGHT._ALL_';

PROC PRINT DATA=MLE2 SPLIT='*';
 TITLE'PRINT OF XXXA011.SLU90821.SAP1190.WEIGHT.MLE2';

LABEL SAMSIZE ='NUMBER OF*EPISODES FOR*EACH STRATUM'
      MEANS    ='MEAN ESTIMATE:*SIMPLEX'
      MEANQN   ='MEAN ESTIMATE:*QUASI-NEWTON'
      VARS     ='VAR ESTIMATE:*SIMPLEX'
      VARQN    ='VAR ESTIMATE:*QUASI-NEWTON'
      CAPNi    ='SAMPLING FRAME*FOR ANALYTICAL*SURVEY(Ni)'
      Ni       ='SAMPLING SIZE*FOR ANALYTICAL*SURVEY (ni)'
      DETN     ='# OF HITS IN*STRATUM AMONG*INDEP. SAMPS'
      SAMPS    ='# OF INDEP.*SAMPLES FOR*EACH STRATUM'
      MLCIS    ='LOWER*95% CI:*MEAN (SIMPLEX)'
      MUCIS    ='UPPER*95% CI:*MEAN (SIMPLEX)'
      VLCIS    ='LOWER*95% CI:*VAR (SIMPLEX)'
      VUCIS    ='UPPER*95% CI:*VAR (SIMPLEX)'
      MLCIQN   ='LOWER*95% CI:*MEAN (Q-N)'
      MUCIQN   ='UPPER*95% CI:*MEAN (Q-N)'
      VLCIQN   ='LOWER*95% CI:*VAR (Q-N)'
      VUCIQN   ='UPPER*95% CI:*VAR (Q-N)'
      CORRS    ='CORR. OF*MEAN & VAR*ESTIMATES: SIMPLEX'
      CORRQN   ='CORR. OF*MEAN & VAR*ESTIMATES: Q-N'
      ;
```

EXHIBIT B-8

CREATION OF ONE SAS FILE CONTAINING MLE ESTIMATES FROM BOTH MINIMIZATION TECHNIQES - SAS ALGORITHM

```
*************************************************************;
*
*  PROGRAM NAME: MEANVAR3.SAS
*  DERIVED FROM: MEANVAR2.SAS
*  CREATED     : 4/26/90
*  MODIFIED    : 5/20/90
*
*  DESCRIPTION : REQUEST #19
*      Creation of a flat ASCII file readable by mainframe
*    SAS to contain SYSTAT MLE estimates.
*    This request reads in:
*        MEANS/QN   (Mean)
*        VARS/QN    (Var)
*        VL/UCIS/QN (Upper/lower CI)
*        CORRS/QN   (Correlation Coef.)
*    from SYSTAT NONLIN output of the 28 pollutants of concern.
*
*************************************************************;

 FILENAME OUTFILE1 'C:\ROB\MEANVAR5.OUT';
 FILENAME OUTFILE2 'C:\ROB\MEANVAR6.OUT';

OPTIONS NODATE PS=60 LS=132;

DATA ARRANGE1;
 INFILE 'C:\ROB\MEANVAR5.DAT';
 INPUT MEANS 20-26
       MLCIS 46-52
       MUCIS 59-65
    #2 VARS  20-26
       VLCIS 46-52
       VUCIS 59-65
    #3 CORRS 23-30
 RUN;

 PROC PRINT DATA=ARRANGE1;
  TITLE'SIMPLEX METHOD:';
  VAR MEANS MLCIS MUCIS VARS VLCIS VUCIS CORRS;
  RUN;

 PROC MEANS DATA=ARRANGE1 MIN MAX;
  VAR MEANS MLCIS MUCIS VARS VLCIS VUCIS CORRS;
  RUN;

DATA ARRANGE2;
 INFILE 'C:\ROB\MEANVAR6.DAT';
 INPUT MEANQN 20-26
       MLCIQN 46-52
       MUCIQN 59-65
    #2 VARQN  20-26
       VLCIQN 46-52
       VUCIQN 59-65
    #3 CORRQN 23-30
 RUN;

 PROC PRINT DATA=ARRANGE2;
  TITLE'QUASI-NEWTON METHOD:';
  VAR MEANQN MLCIQN MUCIQN VARQN VLCIQN VUCIQN CORRQN;
  RUN;

 PROC MEANS DATA=ARRANGE2 MIN MAX;
  VAR MEANQN MLCIQN MUCIQN VARQN VLCIQN VUCIQN CORRQN;
  RUN;

DATA _NULL_; SET ARRANGE1;
 FILE OUTFILE1;
 PUT @50  MEANS  7.3
     @61  MLCIS  7.3
     @73  MUCIS  6.3
     @83  VARS   6.3
     @93  VLCIS  7.3
     @104 VUCIS  6.3
```

```
    @114 CORRS  6.3
    ;
 RUN;

DATA _NULL_; SET ARRANGE2;
 FILE OUTFILE2;
 PUT @50  MEANQN  7.3
     @61  MLCIQN  7.3
     @73  MUCIQN  6.3
     @83  VARQN   7.3
     @93  VLCIQN  7.3
     @104 VUCIQN  7.3
     @114 CORRQN  6.3
     ;
 RUN;
```

EXHIBIT B-9

LISTING OF MLE ESTIMATES

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
ALDRIN	1	UG/KG	26	1	-2.625	.	.
ALDRIN	2	UG/KG	61	3	-2.885	-9.409	3.639
ALDRIN	3	UG/KG	69	3	-2.014	-7.358	3.329
ALDRIN	4	UG/KG	42	1	-3.233	-14.312	7.846
ARSENIC	1	MG/KG	26	20	1.832	1.438	2.226
ARSENIC	2	MG/KG	61	52	1.944	1.553	2.335
ARSENIC	3	MG/KG	70	58	1.867	1.553	2.182
ARSENIC	4	MG/KG	42	33	1.471	0.878	2.063
BENZENE	1	UG/KG	26	2	-0.311	-6.638	6.016
BENZENE	2	UG/KG	61	1	2.254	1.687	2.821
BENZENE	3	UG/KG	70	0	-46.733	.	.
BENZENE	4	UG/KG	43	0	-48.560	.	.
BENZO(A)PYRENE	1	UG/KG	26	0	-23.238	.	.
BENZO(A)PYRENE	2	UG/KG	61	3	1.539	.	.

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
ALDRIN	1	7.496	.	.	.	-2.625
ALDRIN	2	9.601	-12.914	32.116	-0.933	-2.885
ALDRIN	3	5.851	-8.130	19.832	-0.941	-2.014
ALDRIN	4	7.110	-21.858	36.078	-0.956	-3.233
ARSENIC	1	0.405	0.031	0.779	-0.098	1.832
ARSENIC	2	1.077	0.477	1.677	-0.089	1.944
ARSENIC	3	0.803	0.373	1.234	-0.089	1.867
ARSENIC	4	1.605	0.488	2.722	-0.128	1.471
BENZENE	1	9.358	-17.217	35.934	-0.865	-0.311
BENZENE	2	0.044	-0.144	0.232	-0.728	2.254
BENZENE	3	23.046	.	.	.	-24.143
BENZENE	4	16.977	.	.	.	-37.419
BENZO(A)PYRENE	1	8.631	.	.	.	-22.087
BENZO(A)PYRENE	2	18.110	.	.	.	1.539

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
ALDRIN	1	-21.029	15.778	7.496	-46.050	61.041	-0.981
ALDRIN	2	-9.427	3.658	9.601	-13.305	32.507	-0.934
ALDRIN	3	-7.309	3.281	5.851	-8.067	19.770	-0.940
ALDRIN	4	-36.867	30.402	7.110	-80.431	94.651	-0.995
ARSENIC	1	1.437	2.227	0.405	0.031	0.779	-0.097
ARSENIC	2	1.553	2.335	1.077	0.480	1.674	-0.085
ARSENIC	3	1.554	2.181	0.803	0.374	1.232	-0.089
ARSENIC	4	0.881	2.061	1.605	0.468	2.742	-0.127
BENZENE	1	-5.635	5.013	9.358	-11.877	30.594	-0.775
BENZENE	2	1.687	2.821	0.044	-0.144	0.232	-0.728
BENZENE	3	.	.	8.594	.	.	.
BENZENE	4	.	.	11.692	.	.	.
BENZO(A)PYRENE	1	.	.	8.561	.	.	.
BENZO(A)PYRENE	2	-9.318	12.396	18.110	-25.514	61.734	-0.949

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
BENZO(A)PYRENE	3	UG/KG	70	2	4.641	1.844	7.437
BENZO(A)PYRENE	4	UG/KG	43	1	4.654	0.408	8.901
BERYLLIUM	1	MG/KG	26	11	-0.684	-0.896	-0.472
BERYLLIUM	2	MG/KG	61	13	-1.457	-2.146	-0.767
BERYLLIUM	3	MG/KG	70	25	-1.016	-1.389	-0.643
BERYLLIUM	4	MG/KG	42	8	-1.346	-2.043	-0.650
BIS(2-ETHYLHEXYL) PHTHALATE	1	UG/KG	26	24	10.546	9.408	11.684
BIS(2-ETHYLHEXYL) PHTHALATE	2	UG/KG	61	51	10.881	10.323	11.439
BIS(2-ETHYLHEXYL) PHTHALATE	3	UG/KG	70	60	10.260	9.640	10.880
BIS(2-ETHYLHEXYL) PHTHALATE	4	UG/KG	43	23	8.613	7.516	9.709
CADMIUM	1	MG/KG	26	24	3.100	2.436	3.765
CADMIUM	2	MG/KG	61	57	2.344	1.891	2.797
CADMIUM	3	MG/KG	70	55	1.827	1.353	2.301
CADMIUM	4	MG/KG	42	27	1.317	0.849	1.784

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
BENZO(A)PYRENE	3	1.461	-2.629	5.551	-0.891	4.641
BENZO(A)PYRENE	4	1.536	-4.463	7.535	-0.906	4.654
BERYLLIUM	1	0.071	-0.015	0.157	0.241	-0.684
BERYLLIUM	2	0.894	-0.081	1.869	-0.683	-1.457
BERYLLIUM	3	0.548	0.135	0.962	-0.397	-1.016
BERYLLIUM	4	0.584	-0.283	1.452	-0.622	-1.346
BIS(2-ETHYLHEXYL) PHTHALATE	1	3.953	0.566	7.340	-0.034	10.546
BIS(2-ETHYLHEXYL) PHTHALATE	2	2.208	1.013	3.403	-0.123	10.881
BIS(2-ETHYLHEXYL) PHTHALATE	3	3.251	1.423	5.078	-0.071	10.260
BIS(2-ETHYLHEXYL) PHTHALATE	4	4.503	0.925	8.080	-0.347	8.613
CADMIUM	1	1.323	0.195	2.452	-0.045	3.100
CADMIUM	2	1.543	0.720	2.367	-0.047	2.344
CADMIUM	3	1.762	0.824	2.701	-0.136	1.827
CADMIUM	4	0.855	0.206	1.505	-0.202	1.317

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
BENZO(A)PYRENE	3	1.842	7.439	1.461	-2.639	5.561	-0.891
BENZO(A)PYRENE	4	0.530	8.778	1.536	-4.271	7.343	-0.900
BERYLLIUM	1	-0.896	-0.472	0.071	-0.015	0.157	0.241
BERYLLIUM	2	-2.145	-0.769	0.894	-0.075	1.863	-0.682
BERYLLIUM	3	-1.388	-0.644	0.548	0.135	0.961	-0.396
BERYLLIUM	4	-2.043	-0.650	0.584	-0.282	1.451	-0.622
BIS(2-ETHYLHEXYL) PHTHALATE	1	9.405	11.687	3.953	0.536	7.370	-0.072
BIS(2-ETHYLHEXYL) PHTHALATE	2	10.327	11.435	2.208	0.950	3.465	-0.080
BIS(2-ETHYLHEXYL) PHTHALATE	3	9.638	10.882	3.251	1.451	5.050	-0.085
BIS(2-ETHYLHEXYL) PHTHALATE	4	7.516	9.709	4.503	0.656	8.349	-0.343
CADMIUM	1	2.435	3.766	1.323	0.182	2.465	-0.041
CADMIUM	2	1.891	2.798	1.543	0.709	2.378	-0.031
CADMIUM	3	1.352	2.301	1.762	0.814	2.711	-0.139
CADMIUM	4	0.847	1.787	0.855	0.201	1.510	-0.204

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
CHLORDANE	1	UG/KG	26	0	-2.722	.	.
CHLORDANE	2	UG/KG	61	0	-2.728	.	.
CHLORDANE	3	UG/KG	69	1	-0.488	-8.043	7.068
CHLORDANE	4	UG/KG	42	0	-10.946	.	.
CHROMIUM	1	MG/KG	26	26	5.555	4.951	6.159
CHROMIUM	2	MG/KG	61	61	4.922	4.492	5.352
CHROMIUM	3	MG/KG	70	69	4.364	3.965	4.764
CHROMIUM	4	MG/KG	42	37	3.395	2.693	4.098
COPPER	1	MG/KG	26	26	6.405	6.001	6.809
COPPER	2	MG/KG	61	61	6.356	6.097	6.615
COPPER	3	MG/KG	70	70	6.138	5.849	6.426
COPPER	4	MG/KG	42	42	6.109	5.666	6.553
DIELDRIN	1	UG/KG	26	1	-1.606	-11.303	8.091
DIELDRIN	2	UG/KG	61	0	-6.150	.	.

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
CHLORDANE	1	0.432	.	.	.	144.036
CHLORDANE	2	0.561	.	.	.	148.050
CHLORDANE	3	7.056	-10.875	24.988	-0.920	-0.488
CHLORDANE	4	2.687	.	.	.	-43.182
CHROMIUM	1	1.114	0.220	2.009	-0.002	5.555
CHROMIUM	2	1.412	0.677	2.147	-0.014	4.922
CHROMIUM	3	1.409	0.717	2.101	-0.020	4.364
CHROMIUM	4	2.416	0.846	3.986	-0.072	3.395
COPPER	1	0.498	0.095	0.901	0.001	6.405
COPPER	2	0.511	0.247	0.775	0.000	6.356
COPPER	3	0.730	0.382	1.078	0.002	6.138
COPPER	4	1.013	0.368	1.659	-0.001	6.109
DIELDRIN	1	4.641	-17.381	26.662	-0.957	-1.606
DIELDRIN	2	0.585	.	.	.	151.234

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
CHLORDANE	1	.	.	172.523	.	.	.
CHLORDANE	2	.	.	161.319	.	.	.
CHLORDANE	3	-7.652	6.677	7.056	-10.551	24.663	-0.915
CHLORDANE	4	.	.	21.237	.	.	.
CHROMIUM	1	4.950	6.160	1.114	0.213	2.015	0.005
CHROMIUM	2	4.491	5.353	1.412	0.682	2.142	-0.003
CHROMIUM	3	3.964	4.765	1.409	0.719	2.098	0.006
CHROMIUM	4	2.693	4.098	2.416	0.815	4.018	-0.073
COPPER	1	6.001	6.809	0.498	0.094	0.902	-0.002
COPPER	2	6.097	6.615	0.511	0.250	0.772	-0.001
COPPER	3	5.849	6.426	0.730	0.377	1.083	0.006
COPPER	4	5.665	6.553	1.013	0.383	1.644	0.002
DIELDRIN	1	-13.170	9.958	4.641	-21.165	30.446	-0.970
DIELDRIN	2	.	.	161.213	.	.	.

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
DIELDRIN	3	UG/KG	69	2	-3.485	-13.948	6.979
DIELDRIN	4	UG/KG	42	2	-2.159	-9.298	4.980
HEPTACHLOR	1	UG/KG	26	0	-2.918	.	.
HEPTACHLOR	2	UG/KG	61	1	0.370	-4.962	5.702
HEPTACHLOR	3	UG/KG	69	0	-18.652	.	.
HEPTACHLOR	4	UG/KG	42	0	-14.737	.	.
HEXACHLOROBENZENE	1	UG/KG	26	0	-23.235	.	.
HEXACHLOROBENZENE	2	UG/KG	61	0	-35.699	.	.
HEXACHLOROBENZENE	3	UG/KG	70	0	-24.814	.	.
HEXACHLOROBENZENE	4	UG/KG	43	0	-24.850	.	.
HEXACHLOROBUTADIENE	1	UG/KG	26	0	-23.238	.	.
HEXACHLOROBUTADIENE	2	UG/KG	61	0	-35.699	.	.
HEXACHLOROBUTADIENE	3	UG/KG	70	0	-24.814	.	.
HEXACHLOROBUTADIENE	4	UG/KG	43	0	-24.850	.	.

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
DIELDRIN	3	8.830	-22.242	39.902	-0.970	-3.485
DIELDRIN	4	6.466	-13.015	25.948	-0.940	-2.159
HEPTACHLOR	1	0.334	.	.	.	147.086
HEPTACHLOR	2	1.303	-4.288	6.894	-0.969	0.370
HEPTACHLOR	3	2.635	.	.	.	-95.701
HEPTACHLOR	4	2.687	.	.	.	-45.706
HEXACHLOROBENZENE	1	8.526	.	.	.	-22.300
HEXACHLOROBENZENE	2	12.529	.	.	.	-25.499
HEXACHLOROBENZENE	3	7.659	.	.	.	-34.539
HEXACHLOROBENZENE	4	6.932	.	.	.	-18.975
HEXACHLOROBUTADIENE	1	8.526	.	.	.	-22.311
HEXACHLOROBUTADIENE	2	12.529	.	.	.	-25.499
HEXACHLOROBUTADIENE	3	7.659	.	.	.	-34.539
HEXACHLOROBUTADIENE	4	6.932	.	.	.	-18.975

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
DIELDRIN	3	-12.476	5.507	8.830	-17.837	35.496	-0.958
DIELDRIN	4	-10.836	6.518	6.466	-17.155	30.088	-0.960
HEPTACHLOR	1	.	.	174.152	.	.	.
HEPTACHLOR	2	-5.010	5.751	1.303	-4.326	6.932	-0.969
HEPTACHLOR	3	.	.	47.332	.	.	.
HEPTACHLOR	4	.	.	21.230	.	.	.
HEXACHLOROBENZENE	1	.	.	8.671	.	.	.
HEXACHLOROBENZENE	2	.	.	10.367	.	.	.
HEXACHLOROBENZENE	3	.	.	12.319	.	.	.
HEXACHLOROBENZENE	4	.	.	8.295	.	.	.
HEXACHLOROBUTADIENE	1	.	.	8.679	.	.	.
HEXACHLOROBUTADIENE	2	.	.	10.367	.	.	.
HEXACHLOROBUTADIENE	3	.	.	12.319	.	.	.
HEXACHLOROBUTADIENE	4	.	.	8.295	.	.	.

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
LEAD	1	MG/KG	26	26	5.248	4.893	5.603
LEAD	2	MG/KG	61	60	5.060	4.724	5.396
LEAD	3	MG/KG	70	61	4.730	4.453	5.007
LEAD	4	MG/KG	42	32	4.192	3.666	4.718
LINDANE (GAMMA-BHC)	1	UG/KG	26	0	-3.148	.	.
LINDANE (GAMMA-BHC)	2	UG/KG	61	1	-3.406	-20.102	13.289
LINDANE (GAMMA-BHC)	3	UG/KG	69	1	-4.757	-18.633	9.119
LINDANE (GAMMA-BHC)	4	UG/KG	42	0	-15.876	.	.
MERCURY	1	MG/KG	26	23	0.673	0.316	1.030
MERCURY	2	MG/KG	61	52	0.775	0.485	1.065
MERCURY	3	MG/KG	70	55	1.070	0.789	1.351
MERCURY	4	MG/KG	42	24	0.537	-0.262	1.337
MOLYBDENUM	1	MG/KG	26	18	1.864	1.442	2.287
MOLYBDENUM	2	MG/KG	61	47	2.058	1.681	2.435

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
LEAD	1	0.384	0.073	0.695	0.000	5.248
LEAD	2	0.855	0.415	1.295	-0.001	5.060
LEAD	3	0.643	0.309	0.977	-0.063	4.730
LEAD	4	1.248	0.358	2.138	-0.146	4.192
LINDANE (GAMMA-BHC)	1	0.342	.	.	.	145.109
LINDANE (GAMMA-BHC)	2	9.368	-36.279	55.014	-0.979	-3.406
LINDANE (GAMMA-BHC)	3	12.805	-29.190	54.799	-0.958	-4.757
LINDANE (GAMMA-BHC)	4	2.695	.	.	.	-45.413
MERCURY	1	0.353	0.055	0.651	-0.040	0.673
MERCURY	2	0.600	0.266	0.934	-0.090	0.775
MERCURY	3	0.603	0.283	0.924	-0.112	1.070
MERCURY	4	2.307	0.402	4.212	-0.297	0.537
MOLYBDENUM	1	0.434	0.018	0.851	-0.159	1.864
MOLYBDENUM	2	0.995	0.396	1.595	-0.143	2.058

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
LEAD	1	4.893	5.603	0.384	0.073	0.695	-0.001
LEAD	2	4.724	5.396	0.855	0.417	1.293	-0.008
LEAD	3	4.452	5.008	0.643	0.309	0.977	-0.069
LEAD	4	3.666	4.718	1.248	0.365	2.132	-0.144
LINDANE (GAMMA-BHC)	1	.	.	170.101	.	.	.
LINDANE (GAMMA-BHC)	2	-14.675	7.862	9.368	-20.683	39.418	-0.953
LINDANE (GAMMA-BHC)	3	-49.345	39.830	12.805	132.925	158.535	-0.996
LINDANE (GAMMA-BHC)	4	.	.	21.220	.	.	.
MERCURY	1	0.316	1.029	0.353	0.055	0.651	-0.041
MERCURY	2	0.485	1.065	0.600	0.267	0.933	-0.094
MERCURY	3	0.789	1.350	0.603	0.282	0.925	-0.109
MERCURY	4	-0.261	1.336	2.307	0.400	4.213	-0.270
MOLYBDENUM	1	1.442	2.287	0.434	0.018	0.851	-0.157
MOLYBDENUM	2	1.681	2.435	0.995	0.396	1.595	-0.150

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
MOLYBDENUM	3	MG/KG	70	46	1.951	1.621	2.282
MOLYBDENUM	4	MG/KG	42	20	1.390	0.686	2.094
N-NITROSODIMETHYLAMINE	1	UG/KG	26	0	-28.066	.	.
N-NITROSODIMETHYLAMINE	2	UG/KG	61	0	-28.969	.	.
N-NITROSODIMETHYLAMINE	3	UG/KG	70	0	-19.762	.	.
N-NITROSODIMETHYLAMINE	4	UG/KG	43	0	-19.786	.	.
NICKEL	1	MG/KG	26	25	4.031	3.482	4.580
NICKEL	2	MG/KG	61	59	3.902	3.539	4.265
NICKEL	3	MG/KG	70	57	3.523	3.226	3.819
NICKEL	4	MG/KG	42	25	2.683	1.961	3.405
PCB-1016	1	UG/KG	26	0	-2.611	.	.
PCB-1016	2	UG/KG	61	0	-2.616	.	.
PCB-1016	3	UG/KG	69	0	-10.457	.	.
PCB-1016	4	UG/KG	42	0	-14.437	.	.

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
MOLYBDENUM	3	0.754	0.312	1.196	-0.206	1.951
MOLYBDENUM	4	1.551	0.160	2.943	-0.357	1.390
N-NITROSODIMETHYLAMINE	1	8.526	.	.	.	-20.701
N-NITROSODIMETHYLAMINE	2	11.754	.	.	.	-23.874
N-NITROSODIMETHYLAMINE	3	9.848	.	.	.	-32.931
N-NITROSODIMETHYLAMINE	4	8.912	.	.	.	-17.366
NICKEL	1	0.908	0.163	1.653	-0.017	4.031
NICKEL	2	0.992	0.464	1.520	-0.010	3.902
NICKEL	3	0.701	0.332	1.070	-0.106	3.523
NICKEL	4	1.959	0.408	3.509	-0.271	2.683
PCB-1016	1	0.432	.	.	.	144.370
PCB-1016	2	0.561	.	.	.	148.268
PCB-1016	3	1.765	.	.	.	-93.398
PCB-1016	4	2.800	.	.	.	-43.404

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
MOLYBDENUM	3	1.620	2.282	0.754	0.312	1.196	-0.212
MOLYBDENUM	4	0.685	2.094	1.551	0.156	2.946	-0.370
N-NITROSODIMETHYLAMINE	1	.	.	8.679	.	.	.
N-NITROSODIMETHYLAMINE	2	.	.	10.357	.	.	.
N-NITROSODIMETHYLAMINE	3	.	.	12.320	.	.	.
N-NITROSODIMETHYLAMINE	4	.	.	8.296	.	.	.
NICKEL	1	3.482	4.581	0.908	0.159	1.658	-0.020
NICKEL	2	3.539	4.264	0.992	0.480	1.505	-0.015
NICKEL	3	3.226	3.820	0.701	0.331	1.070	-0.106
NICKEL	4	1.960	3.406	1.959	0.378	3.540	-0.286
PCB-1016	1	.	.	172.894	.	.	.
PCB-1016	2	.	.	161.303	.	.	.
PCB-1016	3	.	.	47.294	.	.	.
PCB-1016	4	.	.	21.235	.	.	.

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
PCB-1221	1	UG/KG	26	0	-2.611	.	.
PCB-1221	2	UG/KG	61	0	-2.616	.	.
PCB-1221	3	UG/KG	69	0	-10.457	.	.
PCB-1221	4	UG/KG	42	0	-14.437	.	.
PCB-1232	1	UG/KG	26	0	-2.611	.	.
PCB-1232	2	UG/KG	61	0	-2.616	.	.
PCB-1232	3	UG/KG	69	0	-10.457	.	.
PCB-1232	4	UG/KG	42	0	-14.437	.	.
PCB-1242	1	UG/KG	26	0	-2.611	.	.
PCB-1242	2	UG/KG	61	0	-2.616	.	.
PCB-1242	3	UG/KG	69	0	-10.457	.	.
PCB-1242	4	UG/KG	42	0	-14.437	.	.
PCB-1248	1	UG/KG	26	3	3.221	-0.326	6.768
PCB-1248	2	UG/KG	61	6	1.815	-2.826	6.456

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
PCB-1221	1	0.432	.	.	.	144.370
PCB-1221	2	0.561	.	.	.	148.268
PCB-1221	3	1.765	.	.	.	-93.398
PCB-1221	4	2.800	.	.	.	-43.404
PCB-1232	1	0.432	.	.	.	144.370
PCB-1232	2	0.561	.	.	.	148.268
PCB-1232	3	1.765	.	.	.	-93.398
PCB-1232	4	2.800	.	.	.	-43.404
PCB-1242	1	0.432	.	.	.	144.370
PCB-1242	2	0.562	.	.	.	148.123
PCB-1242	3	1.765	.	.	.	-93.398
PCB-1242	4	2.800	.	.	.	-43.404
PCB-1248	1	2.778	-5.183	10.738	-0.901	3.221
PCB-1248	2	7.070	-8.576	22.715	-0.934	1.815

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
PCB-1221	1	.	.	172.894	.	.	.
PCB-1221	2	.	.	161.303	.	.	.
PCB-1221	3	.	.	47.294	.	.	.
PCB-1221	4	.	.	21.235	.	.	.
PCB-1232	1	.	.	172.894	.	.	.
PCB-1232	2	.	.	161.303	.	.	.
PCB-1232	3	.	.	47.294	.	.	.
PCB-1232	4	.	.	21.235	.	.	.
PCB-1242	1	.	.	172.894	.	.	.
PCB-1242	2	.	.	160.788	.	.	.
PCB-1242	3	.	.	47.294	.	.	.
PCB-1242	4	.	.	21.235	.	.	.
PCB-1248	1	-0.183	6.624	2.778	-4.798	10.353	-0.893
PCB-1248	2	-3.131	6.761	7.070	-9.972	24.111	-0.944

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
PCB-1248	3	UG/KG	69	8	2.497	0.141	4.853
PCB-1248	4	UG/KG	42	4	2.879	0.385	5.373
PCB-1254	1	UG/KG	26	2	-0.312	.	.
PCB-1254	2	UG/KG	61	1	-1.936	-11.628	7.755
PCB-1254	3	UG/KG	69	3	-0.277	.	.
PCB-1254	4	UG/KG	42	4	-1.420	.	.
PCB-1260	1	UG/KG	26	4	3.314	0.152	6.477
PCB-1260	2	UG/KG	61	5	3.114	0.355	5.873
PCB-1260	3	UG/KG	69	6	2.046	-1.070	5.163
PCB-1260	4	UG/KG	42	4	1.506	-2.384	5.396
SELENIUM	1	MG/KG	26	16	1.109	0.441	1.776
SELENIUM	2	MG/KG	61	50	1.317	1.008	1.625
SELENIUM	3	MG/KG	70	45	1.339	1.008	1.669
SELENIUM	4	MG/KG	42	27	1.028	0.491	1.566

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
PCB-1248	3	4.996	-2.205	12.197	-0.859	2.497
PCB-1248	4	2.519	-2.473	7.511	-0.861	2.879
PCB-1254	1	15.618	.	.	.	-0.312
PCB-1254	2	11.264	-17.717	40.245	-0.923	-1.936
PCB-1254	3	10.180	.	.	.	-0.277
PCB-1254	4	26.023	.	.	.	-1.420
PCB-1260	1	3.644	-5.085	12.374	-0.860	3.314
PCB-1260	2	2.300	-2.916	7.517	-0.935	3.114
PCB-1260	3	5.275	-3.845	14.394	-0.900	2.046
PCB-1260	4	7.183	-5.975	20.341	-0.843	1.506
SELENIUM	1	1.042	-0.048	2.132	-0.258	1.109
SELENIUM	2	0.657	0.283	1.031	-0.091	1.317
SELENIUM	3	0.752	0.295	1.208	-0.229	1.339
SELENIUM	4	1.163	0.258	2.068	-0.213	1.028

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
PCB-1248	3	-0.094	5.089	4.996	-2.654	12.646	-0.881
PCB-1248	4	0.355	5.403	2.519	-2.566	7.604	-0.864
PCB-1254	1	-6.236	5.611	15.618	-15.551	46.787	-0.729
PCB-1254	2	-27.143	23.270	11.264	-64.476	87.005	-0.989
PCB-1254	3	.	.	10.179	.	.	.
PCB-1254	4	-7.155	4.316	26.023	-7.528	59.575	-0.739
PCB-1260	1	0.208	6.420	3.644	-4.996	12.285	-0.856
PCB-1260	2	0.426	5.802	2.300	-2.744	7.345	-0.931
PCB-1260	3	-1.684	5.776	5.275	-5.512	16.061	-0.930
PCB-1260	4	-2.119	5.130	7.183	-5.695	20.062	-0.822
SELENIUM	1	0.440	1.777	1.042	-0.035	2.119	-0.269
SELENIUM	2	1.008	1.625	0.657	0.285	1.029	-0.089
SELENIUM	3	1.009	1.669	0.752	0.296	1.208	-0.221
SELENIUM	4	0.489	1.567	1.163	0.254	2.072	-0.217

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
TOXAPHENE	1	UG/KG	26	0	0.000	.	.
TOXAPHENE	2	UG/KG	61	0	0.000	.	.
TOXAPHENE	3	UG/KG	69	0	-10.257	.	.
TOXAPHENE	4	UG/KG	42	0	-13.718	.	.
TRICHLOROETHENE	1	UG/KG	26	1	1.745	-1.071	4.561
TRICHLOROETHENE	2	UG/KG	61	3	-0.677	.	.
TRICHLOROETHENE	3	UG/KG	70	3	-4.830	.	.
TRICHLOROETHENE	4	UG/KG	43	0	-48.561	.	.
ZINC	1	MG/KG	26	26	7.045	6.690	7.399
ZINC	2	MG/KG	61	61	7.017	6.716	7.319
ZINC	3	MG/KG	70	70	6.913	6.568	7.258
ZINC	4	MG/KG	42	42	6.534	6.119	6.948
4,4'-DDD	1	UG/KG	26	1	3.912	.	.
4,4'-DDD	2	UG/KG	61	0	3.846	.	.

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
TOXAPHENE	1	0.336	.	.	.	142.675
TOXAPHENE	2	0.437	.	.	.	146.663
TOXAPHENE	3	1.962	.	.	.	-91.769
TOXAPHENE	4	2.687	.	.	.	-41.794
TRICHLOROETHENE	1	0.687	-2.236	3.610	-0.887	1.745
TRICHLOROETHENE	2	9.367	.	.	.	-0.677
TRICHLOROETHENE	3	30.025	.	.	.	-4.830
TRICHLOROETHENE	4	18.477	.	.	.	-35.255
ZINC	1	0.384	0.073	0.694	-0.001	7.045
ZINC	2	0.691	0.331	1.050	0.002	7.017
ZINC	3	1.045	0.546	1.544	0.009	6.913
ZINC	4	0.880	0.322	1.439	0.006	6.534
4,4'-DDD	1	0.406	.	.	.	3.912
4,4'-DDD	2	0.187	.	.	.	3.846

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
TOXAPHENE	1	.	.	172.629	.	.	.
TOXAPHENE	2	.	.	161.312	.	.	.
TOXAPHENE	3	.	.	47.282	.	.	.
TOXAPHENE	4	.	.	21.235	.	.	.
TRICHLOROETHENE	1	-1.066	4.556	0.687	-2.236	3.609	-0.887
TRICHLOROETHENE	2	-5.649	4.295	9.367	-7.610	26.345	-0.859
TRICHLOROETHENE	3	-20.870	11.210	30.026	-91.923	151.974	-0.966
TRICHLOROETHENE	4	.	.	10.718	.	.	.
ZINC	1	6.690	7.399	0.384	0.073	0.694	0.001
ZINC	2	6.716	7.319	0.691	0.334	1.047	0.003
ZINC	3	6.568	7.258	1.045	0.548	1.542	0.005
ZINC	4	6.120	6.947	0.880	0.320	1.441	-0.010
4,4'-DDD	1	.	.	0.271	.	.	.
4,4'-DDD	2	.	.	0.125	.	.	.

MLE ESTIMATES BY ANALYTE*STRATUM
ESTIMATES WERE GENERATED IN SYSTAT

ANALYTE	STRATUM	UNIT	# OF INDEP. SAMPLES FOR EACH STRATUM	# OF HITS IN STRATUM AMONG INDEP. SAMPS	MEAN ESTIMATE: SIMPLEX	LOWER 95% CI: MEAN (SIMPLEX)	UPPER 95% CI: MEAN (SIMPLEX)
4,4'-DDD	3	UG/KG	69	0	3.842	.	.
4,4'-DDD	4	UG/KG	42	0	3.865	.	.
4,4'-DDE	1	UG/KG	26	1	3.884	.	.
4,4'-DDE	2	UG/KG	61	1	3.847	.	.
4,4'-DDE	3	UG/KG	69	2	3.870	.	.
4,4'-DDE	4	UG/KG	42	0	3.865	.	.
4,4'-DDT	1	UG/KG	26	3	2.983	.	.
4,4'-DDT	2	UG/KG	61	2	2.972	.	.
4,4'-DDT	3	UG/KG	69	1	2.936	.	.
4,4'-DDT	4	UG/KG	42	1	2.961	.	.

ANALYTE	STRATUM	VAR ESTIMATE: SIMPLEX	LOWER 95% CI: VAR (SIMPLEX)	UPPER 95% CI: VAR (SIMPLEX)	CORR. OF MEAN & VAR ESTIMATES: SIMPLEX	MEAN ESTIMATE: QUASI-NEWTON
4,4'-DDD	3	0.588	.	.	.	3.842
4,4'-DDD	4	0.897	.	.	.	3.865
4,4'-DDE	1	0.259	.	.	.	3.884
4,4'-DDE	2	0.186	.	.	.	3.847
4,4'-DDE	3	0.601	.	.	.	3.870
4,4'-DDE	4	0.897	.	.	.	3.865
4,4'-DDT	1	0.250	.	.	.	2.983
4,4'-DDT	2	0.306	.	.	.	2.972
4,4'-DDT	3	0.591	.	.	.	2.936
4,4'-DDT	4	0.874	.	.	.	2.961

ANALYTE	STRATUM	LOWER 95% CI: MEAN (Q-N)	UPPER 95% CI: MEAN (Q-N)	VAR ESTIMATE: QUASI-NEWTON	LOWER 95% CI: VAR (Q-N)	UPPER 95% CI: VAR (Q-N)	CORR. OF MEAN & VAR ESTIMATES: Q-N
4,4'-DDD	3	.	.	0.392	.	.	.
4,4'-DDD	4	.	.	0.598	.	.	.
4,4'-DDE	1	.	.	0.172	.	.	.
4,4'-DDE	2	.	.	0.124	.	.	.
4,4'-DDE	3	.	.	0.401	.	.	.
4,4'-DDE	4	.	.	0.598	.	.	.
4,4'-DDT	1	.	.	0.167	.	.	.
4,4'-DDT	2	.	.	0.204	.	.	.
4,4'-DDT	3	.	.	0.394	.	.	.
4,4'-DDT	4	.	.	0.583	.	.	.

EXHIBIT B-10

NATIONAL POLLUTANT CONCENTRATION ESTIMATES - SAS ALGORITHM

```
//XXX081 JOB (A011SSCSP,C809,,9999),AARON,PRTY=2
/*ROUTE PRINT HOLD
//****************************************** REQUEST #29-D ***********
//*
//* PROGRAM NAME : XXXA011.SLUDGLIB(P081RDA)
//* DERIVED FROM : XXXA011.SLUDGLIB(P080RDA)
//* CREATED      : 6/04/90
//* MODIFIED     : 6/07/90
//*
//*********************************************************************
//*
//* DESCRIPTION:  REQUEST 29-D
//*     This program produces stratum and national concentration esti-
//*   mates for 28 pollutants of concern from the NSSS analytical
//*   survey.  Estimates were reported in the Notice of Availability.
//*
//*   PROGRAM SUMMARY:
//*
//*   1)  Maximum likelihood estimates (MLEs) of flow rate strata means
//*       and variances are input to the program from:
//*       XXXA011.SLU90821.SAP1190.WEIGHT(MLE2).  These estimates were
//*       produced in SYSTAT using the NONLIN module under the assump-
//*       tion  that dry weight pollutant concentrations are distri-
//*       buted lognormally within each stratum.  Multiple censored
//*       points (minimum levels) were incorporated into the MLE esti-
//*       mation procedures according to the methods proposed by Cohen.
//*       (Request 18).
//*
//*   2)  Pollutant concentration estimates are produced for each
//*       analyte*stratum by exponentiating functions of the MLEs.
//*
//*   3)  National pollutant concentration estimates are produced as
//*       weighted combinations of stratum measurement space estimates.
//*       Within and between strata variance components are incorporat-
//*       ed into national estimates of pollutant concentration var-
//*       iance.
//*
//*   4)  National estimates of percentile points are generated assum-
//*       ing that pollutant concentrations are distributed lognormal-
//*       ly.
//*
//*********************************************************************
// EXEC SAS
//INSAS DD DSN=XXXA011.SLU90821.SAP1190.WEIGHT,DISP=SHR
//OUT1 DD DSN=XXXA011.SLU90821.FJU0490.REQ29D.ID61,
// DISP=OLD
//*UNIT=DISK,
//*DCB=(RECFM=FB,LRECL=124,BLKSIZE=6200),
//*DISP=(NEW,CATLG,DELETE),SPACE=(TRK,(10,2),RLSE)
//OUT2 DD DSN=XXXA011.SLU90821.FJU0490.REQ29D.ID62,
// DISP=OLD
//*UNIT=DISK,
//*DCB=(RECFM=FB,LRECL=104,BLKSIZE=6136),
//*DISP=(NEW,CATLG,DELETE),SPACE=(TRK,(10,2),RLSE)
//OUT3 DD DSN=XXXA011.SLU90821.FJU0490.REQ29D.TAB3,
// DISP=OLD
//*UNIT=DISK,
//*DCB=(RECFM=FB,LRECL=104,BLKSIZE=6136),
//*DISP=(NEW,CATLG,DELETE),SPACE=(TRK,(10,2),RLSE)
//SYSIN DD *

OPTIONS CHARCODE NODATE NONUMBER;

PROC FORMAT;
 VALUE $FLOWFMT
 '1'= '   > 100 MGD     '
 '2'= '10 < FLOW <= 100 '
 '3'= ' 1 < FLOW <= 10  '
 '4'= '     FLOW <= 1   '
 '5'= '    NATIONAL     '
 ;
```

```
DATA A; SET INSAS.MLE2;

 STRATUM = LEFT(STRATUM);

 *** The following estimates were generated after deleting an extreme
     outlier observation from stratum 3 of CADMIUM.  These estimates
     were used to produce national estimates of CADMIUM;
 IF ANALYTE = 'CADMIUM' & LEFT(STRATUM)='3' THEN DO;
  MEANS = 1.784;
  VARS = 0.850;
  DETN = DETN - 1;
  SAMPS = SAMPS - 1;
 END;

 *** MLE estimates for ANALYTES*STRATUM with no detections are set to
     missing;
 IF DETN = 0 THEN DO;
  MEANS = .;
  VARS  = .;
  END;

 PROC SORT DATA=A;
  BY ANALYTE STRATUM;

 PROC PRINT DATA=A UNIFORM;
  ID ANALYTE STRATUM;
  VAR UNIT SAMPS DETN MEANS MLCIS MUCIS VARS VLCIS
      VUCIS CORRS MEANQN MLCIQN MUCIQN VARQN VLCIQN VUCIQN CORRQN;
  TITLE1'MLE ESTIMATES BY ANALYTE*STRATUM';
  TITLE2'ESTIMATES WERE GENERATED IN SYSTAT';

 LABEL MEANS   ='MEAN ESTIMATE:*SIMPLEX'
       MEANQN  ='MEAN ESTIMATE:*QUASI-NEWTON'
       VARS    ='VAR ESTIMATE:*SIMPLEX'
       VARQN   ='VAR ESTIMATE:*QUASI-NEWTON'
       DETN    ='# OF HITS IN*STRATUM AMONG*INDEP. SAMPS'
       SAMPS   ='# OF INDEP.*SAMPLES FOR*EACH STRATUM'
       MLCIS   ='LOWER*95% CI:*MEAN (SIMPLEX)'
       MUCIS   ='UPPER*95% CI:*MEAN (SIMPLEX)'
       VLCIS   ='LOWER*95% CI:*VAR (SIMPLEX)'
       VUCIS   ='UPPER*95% CI:*VAR (SIMPLEX)'
       MLCIQN  ='LOWER*95% CI:*MEAN (Q-N)'
       MUCIQN  ='UPPER*95% CI:*MEAN (Q-N)'
       VLCIQN  ='LOWER*95% CI:*VAR (Q-N)'
       VUCIQN  ='UPPER*95% CI:*VAR (Q-N)'
       CORRS   ='CORR. OF*MEAN & VAR*ESTIMATES: SIMPLEX'
       CORRQN  ='CORR. OF*MEAN & VAR*ESTIMATES: Q-N'
       ;

DATA STREST; SET A;
 BY ANALYTE STRATUM;

 *** Pollutant concentration descriptive statistics in the measurement
     space are generated by flow stratum from functions of the MLEs;
 VARS    = (SAMPS/(SAMPS-1)) * VARS;    ** Correction for bias in est;
 VAR     = EXP(2*MEANS+VARS) * (EXP(VARS)-1);
 XBAR    = EXP(MEANS+0.5*VARS);
 MEDIAN  = EXP(MEANS);
 CV      = (EXP(VARS)-1)**0.5;
 STD     = CV*XBAR;
 P90     = EXP(MEANS+1.28*VARS**0.5);
 P98     = EXP(MEANS+2.055*VARS**0.5);
 DETPERC = 100*ROUND((DETN/SAMPS),0.01);

 PROC PRINT DATA=STREST;
  VAR ANALYTE STRATUM MEANS VARS;
  TITLE1'PRINT OF ANALYTE*STRATUM MLEs USED TO PRODUCE NAT. ESTIMATES';

DATA B; MERGE A STREST(KEEP=ANALYTE STRATUM VAR XBAR);
 BY ANALYTE STRATUM;

 *** Stratum weights -- WT is stratum weight -- Fh is sampling fraction;
```

```
IF STRATUM = '1' THEN DO;
 WT = 28/11346;
 Nh = 20;
 CAPN = 28;
 Fh = Nh/CAPN;
END;
ELSE IF STRATUM = '2' THEN DO;
 WT = 324/11346;
 Nh = 56;
 CAPN = 324;
 Fh = Nh/CAPN;
END;
ELSE IF STRATUM = '3' THEN DO;
 WT = 1927/11346;
 Nh = 65;
 CAPN = 1927;
 Fh = Nh/CAPN;
END;
ELSE IF STRATUM = '4' THEN DO;
 WT = 9067/11346;
 Nh = 67;
 CAPN = 9067;
 Fh = Nh/CAPN;
END;

*** National estimates are produced only for those analytes with all
    four strata estimates;
PROC SORT DATA=B;
 BY ANALYTE XBAR;

DATA C; SET B;
 BY ANALYTE XBAR;
 RETAIN FLAG;

 IF FIRST.ANALYTE THEN DO;
  FLAG = 0;
  IF XBAR = . THEN FLAG = 1;
 END;
 ELSE IF FLAG = 1 THEN DO;
  XBAR = .;
  VAR = .;
 END;

 PROC SORT DATA=C;
  BY ANALYTE STRATUM;

DATA D; SET C;
 BY ANALYTE STRATUM;

 *** Calculates weighted stratum component for the mean;
 POPMEAN = WT * XBAR;
 *** Calculates the weighted within stratum variance component;
 VARWT = WT * VAR * (1/Nh) * (Nh-1 + WT * (1-Fh));
 *** Removes bias from facilities that were no sampled;
 ADJD = WEIGHT * (DETN/SAMPS);
 *** Designates national estimates to facilitate summing
     strata components;
 STRATUM = '5';

 PROC SORT DATA=B;
  BY ANALYTE;

 PROC PRINT DATA=B;
  TITLE1'TEST PRINT: WORKING DATASET,';
  TITLE2'MLE ESTIMATES AND WEIGHTED FUNCTIONS TO MLE ESTIMATES';

 PROC PRINT DATA=D;
  TITLE1'TEST PRINT: DATA=D';

 *** Produces estimated measurement space means and within stratum
     variance components for pollutant concentrations by summming
     strata components;
```

```
 PROC MEANS DATA=D NOPRINT;
  BY ANALYTE;
  VAR POPMEAN VARWT ADJD SAMPS;
  OUTPUT OUT=E SUM=MEANALL VAR ADJD SAMPS;

 PROC PRINT DATA=E;
  TITLE1'TEST PRINT: DATA=E';
  TITLE3'NATIONAL CONCENTRATION MEAN, WITHIN STRATUM CONCENTRATION';
  TITLE4'CONCENTRATION VARIANCE COMPONENT, WEIGHTED NATIONAL';
  TITLE5'FRACTION DETECTED AND TOTAL # OF SAMPLES';

DATA F; MERGE D(IN=IN1) E;
 BY ANALYTE;
 IF IN1;

 *** Between strata variance component estimate;
 BET = WT * (XBAR-MEANALL)**2;

 PROC PRINT DATA=F;
  TITLE1'TEST PRINT: DATA=F';
  TITLE3'WORKING DATASET. ESTIMATES OF STRATUM CONCENTRATIONS TO THE';
  TITLE4'BETWEEN STRATA VARIANCE COMPONENT';

 *** Estimates between strata variance component;
 PROC MEANS DATA=F NOPRINT;
  BY ANALYTE;
  VAR BET;
  OUTPUT OUT=G SUM=BETCOMP;

 PROC PRINT DATA=G;
TITLE1'TEST PRINT: DATA=G';
TITLE3'WORKING DATASET: ESTIMATE OF BETWEEN STRATUM VARIANCE COMPONENT';

DATA H; MERGE E G;
 BY ANALYTE;

 *** National estimates of pollutant concentration mean and variance;
 POPMEAN = MEANALL;
 VARIANCE = SUM(OF VAR BETCOMP);

 PROC PRINT DATA=H;
  TITLE1'TEST PRINT: DATA=H';

DATA I; SET H;
 BY ANALYTE;
 STRATUM = '5';

 *** Working dataset: Estimates percentile points under the assumption
     of a single national lognormal distribution of pollutant
     concentration;

 ** National descriptive statistics;
 XBAR = POPMEAN;
 STD = VARIANCE**0.5;
 CV = STD/XBAR;
 CV2 = CV**2;
 SIGP = LOG(CV2+1);
 MEANP = LOG(XBAR) - (0.5*SIGP);
 P90 = EXP(MEANP+1.28 * (SIGP**0.5));
 P98 = EXP(MEANP+2.055 * (SIGP**0.5));
 STDP = SIGP**0.5;
 DETPERC = 100 * ROUND(ADJD,0.01);
 MEDIAN = EXP(MEANP);
 *** LNP90, LNP98 & LNP50 used to determine probability from individual
     stratum CDFs;
 LNP90 = LOG(P90);
 LNP98 = LOG(P98);
 LNP50 = LOG(MEDIAN);

 PROC PRINT DATA=I;
  VAR ANALYTE CV2 XBAR SIGP MEANP STDP;
  TITLE1'DESCRIPTIVE STATISTICS: WEIGHT ANALYTSIS';
```

```
DATA EST; SET STREST I;
 BY ANALYTE;

 PROC SORT DATA=EST;
  BY ANALYTE STRATUM;

 PROC MEANS DATA=EST MIN MAX;
  VAR SAMPS DETPERC XBAR STD CV MEDIAN P90 P98;
  TITLE1'MIN/MAX ON PRINTED VARIABLES FOR FORMATING';
  TITLE3'ESTIMATES WEIGHTED IN MEASUREMENT SPACE';

 PROC PRINT DATA=EST;
  VAR ANALYTE UNIT STRATUM SAMPS DETPERC XBAR STD CV;
  FORMAT SAMPS DETPERC 3. XBAR CV STD 17.4;
  TITLE1'EXHIBIT I.D.6-1';
  TITLE2;
  TITLE3'NATIONAL ESTIMATES OF POLLUTION CONCENTRATION';
  TITLE4'WEIGHTED EXPONENTIATED STRATUM ESTIMATES';

 *** Used for informational purposes only. Results are not reported
     in the Notice of Availability;
 PROC PRINT DATA=EST;
  VAR ANALYTE UNIT STRATUM MEDIAN P90 P98;
  FORMAT MEDIAN P90 P98 11.3;
  TITLE1'EXHIBIT I.D.6-2';
  TITLE2;
  TITLE3'NATIONAL ESTIMATES OF POLLUTION CONCENTRATION';
  TITLE4'WEIGHTED EXPONENTIATED STRATUM ESTIMATES';

DATA _NULL_; SET EST;
 BY ANALYTE STRATUM;

 ** Table I.D.6-1;
 FILE OUT1;

 IF FIRST.ANALYTE THEN
  PUT @1   ANALYTE  $CHAR27.
      @31  UNIT     $CHAR5.
      @;
  PUT @40  STRATUM  $FLOWFMT.
      @62  SAMPS     3.
      @71  DETPERC   3.
      @80  XBAR      9.2
      @95  STD      15.2
      @115 CV       10.2
      ;
 IF STRATUM = '5' THEN PUT /;

 ** Table I.D.6-2;
 FILE OUT2;

 IF FIRST.ANALYTE THEN
  PUT @1   ANALYTE  $CHAR27.
      @31  UNIT     $CHAR5.
      @;
  PUT @40  STRATUM  $FLOWFMT.
      @62  MEDIAN    9.3
      @77  P90      11.3
      @94  P98      11.3
      ;
 IF STRATUM = '5' THEN PUT /;

DATA J; SET I;
 DROP STRATUM;

DATA K; MERGE D J;
 BY ANALYTE;

 *** Produces weighted probability estimates.  This is a check of the
     performance of the national estimate;
 WTCDF50 = WT * PROBNORM((LNP50-MEANS)/VARS**0.5);
 WTCDF90 = WT * PROBNORM((LNP90-MEANS)/VARS**0.5);
```

```
 WTCDF98 = WT * PROBNORM((LNP98-MEANS)/VARS**0.5);

 PROC PRINT DATA=K;
  TITLE1'TEST PRINT: DATA=K';

 PROC MEANS DATA=K NOPRINT;
  BY ANALYTE;
  VAR WTCDF50 WTCDF90 WTCDF98;
  OUTPUT OUT=L SUM=P50I P90I P98I;

 PROC PRINT DATA=L;
  TITLE1'TEST PRINT: DATA=L';

DATA M; MERGE I L;
 BY ANALYTE;

 PROC MEANS DATA=M MIN MAX;
  VAR MEDIAN P50I P90 P90I P98 P98I;
  TITLE1'MIN/MAX ON PRINTED VARIABLES FOR FORMATING';
  TITLE2;
  TITLE3'ESTIMATES WEIGHTED IN MEASUREMENT SPACE';

 PROC PRINT DATA=M;
  ID ANALYTE;
  VAR MEDIAN P50I P90 P90I P98 P98I;
  TITLE1'NATIONAL PERCENTILE ESTIMATES';
  TITLE2;
  TITLE3'FIRST ESTIMATE ASSUMES NATIONAL LN DISTRIBUTIO
  TITLE4'SECOND ESTIMATE IS A WEIGHTED SUM OF STRATUM C        'G 1ST E '
IMATE';

DATA _NULL_; SET M;
 BY ANALYTE;

 ** Table 3;
 FILE OUT3;

  PUT @1   ANALYTE  $CHAR27.
      @32  MEDIAN    7.2
      @45  P50I      6.2
      @57  P90       9.2
      @72  P90I      6.2
      @84  P98       9.2
      @99  P98I      6.2
      ;
```