GROUNDWATER QUALITY ASSESSMENT/ CORRECTIVE ACTION FEASIBILITY PLAN

New TNX Seepage Basin (U)

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New TNX Seepage Basin (U)

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EXECUTIVE SUMMARY

The New TNX Seepage Basin is located across River Road east of the TNX Area at the Savannah River Site. Currently the basin is out of service and is awaiting closure in accordance with the Consent Decree settled under Civil Act No. 1:85-2583. Groundwater monitoring data from the detection monitoring network around the New TNX Seepage Basin was recently analyzed using South Carolina Hazardous Waste Management Regulations R.61-79.264.92 methods to determine if groundwater downgradient of the New TNX Seepage Basin had been impacted. Results from the data analysis indicate that the groundwater has been impacted by inorganic constituents with no associated health risks. The impacts resulting from elevated levels of inorganic constituents, such as Mn, Na, and Total PO₄, in the water table, do not pose a threat to human health and the environment.

INTRODUCTION

The New TNX Seepage Basin is located across River Road east of the TNX Area at the Savannah River Site and is approximately 2000 feet east of the Savannah River which is the nearest plant boundary. (Figure 1). Non-hazardous wastewaters were discharged to the New TNX Seepage Basin. Currently the basin is out of service and is awaiting closure in accordance with the Consent Decree settled under Civil Act No. 1:85-2583. This document was prepared to fulfill the requirements of Section VI.B of the consent decree.

HYDROGEOLOGY

The TNX Area is underlain by 2 aquifer systems, the Uppermost Aquifer System (Aquifer System 2) and Aquifer System 1. Confining System 1-2 separates the aquifer systems (Figure 2).

Uppermost Aquifer (Aquifer System 2)

The Uppermost Aquifer consists of an unconfined aquifer (Aquifer 2.B), confining unit (Confining Unit 2.A-2.B) and a semi-confined aquifer (Aquifer 2.A) and ranges from 70-100 feet in thickness (Figure 3).

Aquifer 2.B exists in fine grain sands with a few interbedded silt units which comprise the Santee Formation. At the SRS groundwater flow in Aquifer 2.B is controlled by streams and rivers which have incised the aquifer. The elevation of the water table decreases westerly across the area from 117 feet above mean sea level (msl) at the New TNX Seepage Basin to 98 feet above msl at the Old TNX Basin and outcrops in the swamp between the TNX Area and the Savannah River (Figure 4).

Hydrographs for each of the YSB wells indicate that the seasonal variability of the elevation of the water table in the vicinity of the New TNX Seepage Basin is 5-7 feet (Figure 5).

In the TNX Area the leaky aquitard (Confining Unit 2.A-B) which separates Aquifer 2.A and Aquifer 2.B is composed of sandy silt and is 5-10 feet thick. Since Confining Unit 2.A-B is leaky there is the potential for vertical flow between the 2 aquifers. Hydrographs from a multilevel well cluster (P26) in the TNX Area indicate that an upward gradient exists between the unconfined and underlying semi-confined aquifer (Figure 6).

Aquifer 2.A is approximately 45-50 thick and is composed of uniform medium sand in the Congaree Fm. At the SRS groundwater flow in Aquifer 2.A is controlled by streams and rivers which have incised the aquifer. The Savannah River and Upper Three Runs Creek control flow in Aquifer 2.A in the vicinity of the TNX Area. Groundwater flow in Aquifer 2.A is west toward the Savannah River at the New TNX Seepage Basin and upward into the overlying unconfined aquifer (Figure 7).

Confining System 1-2

Confining System 1-2 is approximately 60 feet thick and separates the Aquifer System 2 from Aquifer System 1. In the TNX Area, Confining System 1-2 is composed of four clay layers interbedded with mixed sand and silt layers and acts as a barrier to downward flow (Figure 2).

The Ellenton Formation is stratigraphically equivalent to Confining System 1-2. The vertical permeability of one of the clay layers in Confining System 1-2 is 2.77×10^{-6} cm/sec as determined by laboratory tests on undisturbed samples.

Hydrographs from wells screened above (P26A) and below (P26TD) the confining system in the P26 well cluster show that an upward gradient exists across Confining System 1-2 (Figure 6). The low vertical permeability of Confining System 1-2 and the upward gradient across the confining system support the definition of the Uppermost Aquifer.

Aquifer System 1

Aquifer System 1 is composed of a series of aquifers and confining units. The individual aquifers become more differentiated south of Upper Three Runs Creek and are essentially undifferentiated north of Upper Three Runs Creek. In the TNX Area the aquifers and confining units in Aquifer System 1 are differentiated.

Potentiometric data from baseline hydrogeologic studies show that the hydraulic head increases with depth in Aquifer System 1 indicating that the New TNX Seepage Basin is not currently located on a recharge area for Aquifer System 1. Groundwater flow in the upper and lower portions of Aquifer System 1 is west toward the Savannah River (Figures 8 and 9).

GROUNDWATER CHARACTERIZATION

There are four water table monitoring wells around the New TNX Seepage Basin that have been monitored quarterly for a wide range of constituents. Monitoring wells YSB 1A, 3A, 4A are downgradient and well YSB 2A is upgradient of the basin. The data collected from these wells have been analyzed statistically and compared with regulatory standards. The results of that analysis are discussed in the following text.

Monitoring Well Network

A total of four wells have been installed around the New TNX Seepage Basin. Four water-quality monitoring wells (YSB 1 through 4) were installed immediately adjacent to the basins in 1980. In 1983 the existing monitoring wells YSB 1, 2, 3, and 4 were replaced by monitoring wells YSB 1A, 2A, 3A and 4A constructed with PVC casing and equipped with dedicated submersible pumps (Figure 10). Construction information for each existing water table monitoring well is presented in Appendix A.

Groundwater Monitoring Program

Samples from the four water table monitoring wells were analyzed for the set of parameters listed in Table 1. As specified by the Consent Decree this list is derived from the requirements of South Carolina Hazardous Waste Management Regulations (SCHWMR) R. 61-79.265.92 (b)(1) - (3). Groundwater samples were also analyzed periodically for the additional constituents listed in Table 1. All groundwater monitoring data collected from wells YSB 1A - 4A are presented in Appendix B.

Data Screening

Appendix B contains all of the analytical data for each well used in the characterization of groundwater at the New TNX Seepage Basin including field and quality assurance data. Prior to statistical analysis the data was screened according to the conventions listed below.

Parameters Measured in the Field

The most representative values of the indicator parameters pH and specific conductivity are obtained from measurements made in the field. Whereas additional measurements of these parameters may be made in the laboratory as a quality assurance procedure, the field values are the most representative and therefore are the only ones used in the groundwater quality assessments.

Data Selection for Non-Radiological Parameters

SRS maintains contracts with three laboratories for analyses of samples (including groundwater) for environmental assessments. The primary laboratory (Envirodyne Engineers) is responsible for performing all normally scheduled analyses. A second laboratory is contracted for overflow and special project analyses and the third laboratory for quality control. In order to minimize variability in analytical results related to analytical rather than natural phenomena, only data from the primary laboratory was used in statistical impact assessments. This procedure was adopted because any variability not related to conditions in the field will reduce the sensitivity of statistical evaluation methods. Overall, this procedure minimizes the probability that impacts to the environment will remain undetected.

Data Selection for Radiological Parameters

Unlike the procedure for non-radiological parameters, the procedure for radiological parameters (gross alpha, non-volatile beta/gamma, total radium, and tritium) is to use all analytical data from all laboratories. This procedure is necessary because one radiological laboratory was not used throughout the monitoring period. The sensitivity of the statistical tests on radiological results is not as high for the non-radiological but is adequate for determining impacts.

Data Evaluation for Below Detection Level Results

In numerous cases, the results of chemical analyses were listed as below detection limits (BDL) of the analytical method. For each data set describing a particular constituent in a particular well where fifty percent or more of the results were listed as BDL, no statistical analyses were performed for that constituent in that well. Data sets with less than fifty percent of the analytical results listed as BDL, a value of one-half of the detection level was assigned to that particular analysis and included in the statistical computation. In either case, however, all analyses were compared to promulgated health-based standards the Primary Drinking Water Standards to assure that no significant impacts remained undetected.

Minimum Observations for Data Evaluation

The statistical techniques used to evaluate impacts require a minimum number of observations to validate the assumptions. Based on the requirements of the techniques, data sets with less than four sample periods (replicates counted as one sample) were not analyzed statistically. Consistent with procedures for samples with BDL results, all analyses were compared with promulgated standards to assure that no significant impacts remained undetected.

Data Evaluation for Replicate Samples

As part of the SRS quality assurance program, the primary laboratory performs replicate analyses of five percent of the samples. The results of replicate analyses are averaged and the average included in the statistical analyses.

Statistical Methods

Statistical comparisons of the results from monitoring wells around the New TNX Seepage Basin with background values were performed using SCHWMR R.61-79.264.92 procedures. Well YSB 2A was used as the background well for statistical comparisons. Hydrographs for the YSB wells (Figure 5) show that YSB 2A has been upgradient since sampling was initiated in 1984. Since water levels in YSB 3A were above those in YSB 2A only for short periods of time in 1Q85, 3Q85, and 1Q87 well YSB 2A provides representative background information. Background groundwater monitoring data is listed in Appendix B.

Statistical comparison of parameter concentrations between each downgradient well and the background wells was performed using the PROC TTEST procedure available in SAS; statistical computing software package. Unequal variances between data sets (downgradient and background) for a given parameter were accounted for by using the Satterthwaite Approximation to the Student's T-Test. A one-tailed statistical test is required for all parameters except pH in which case a two-tailed statistical test is required.

The SAS PROC TTEST procedure calculates the probability ($\text{PROB} > |t|$) of making a Type 1 Error. A Type I Error occurs when the null hypothesis is rejected when in fact it is true. In the case of the New TNX Seepage Basin a Type I Error would occur if it was determined that there was an adverse impact on the groundwater when in fact there was not. SCHWMR R.61-79.264.92 establishes the acceptable level of Type 1 Errors at 0.05. When the probability of a Type 1 Error is less than 0.05 an impact has been detected.

Since SAS PROC TTEST is a two-tailed statistical test all constituents requiring a one-tailed test were compared at the 0.1 level of significance. Statistical comparisons involving pH were compared at the 0.05 level of significance. Output from the SAS TTEST comparisons is presented in Appendix B.

Comparison with Regulatory Standards

Environmental impacts can be assessed either by statistical comparison to background as discussed above or by comparison to standards promulgated by regulatory agencies. The health based standards consist of the Primary Drinking Water Standards (PDWS). The strength of statistical evaluations is their great sensitivity to any environmental impact. Their limitation is the relatively large amount of data required for their use. In contrast, comparison to regulatory standards can be (and in this assessment was) applied to all data sets. This comparison, although not as sensitive as the statistical evaluation, ensures that impacts of potential significance to health and the environment are detected. All analyses were compared to existing promulgated standards and any exceedances were identified and their impacts discussed.

Assessment of Groundwater Quality

A groundwater quality evaluation in conformance with the requirements of R. 61-79.265.92 (b)(1) - (3) was performed using data collected from the monitoring program and data evaluation techniques described above.

The data screening procedures divided the analytes into three groups:

1. Analytes which were never detected in any well at any time.
2. Analytes which were detected, but not in concentrations above background or promulgated regulatory limits.
3. Analytes detected in concentrations significantly above background or in excess of promulgated regulatory limits. Each of these classes of data and their implications about the impacts of the New TNX Seepage Basin on groundwater are discussed below.

Analytes Never Detected

Of the 77 constituents and parameters monitored (Table 1) 42 were not detected in any well at any time during the entire history of monitoring at the basin. Table 2 lists the constituents that do not have a Primary Drinking Water Standard and were never detected. Constituents which have a Primary Drinking Water Standard and were never detected are listed on Table 3. These lists include a great percentage of the constituents commonly observed as industrial contaminants in groundwater. The absence of a diverse suite of these constituents, which is typically observed at uncontrolled waste sites, indicates that additional assessments of impact should be focused on constituents documented to be present in the waste stream.

Analytes Detected but not in Elevated Concentrations

Of the 77 constituents and parameters monitored 26 were not detected in concentrations significantly above background or in excess of regulatory standards. Table 2 lists the constituents that do not have a PDWS and were not detected in elevated concentrations. Constituents which have a PDWS were not detected in elevated concentrations are listed on Table 3.

Analytes Detected at Concentrations Significantly Above Upgradient Concentrations

Six constituents were detected at concentrations statistically above background at the 0.05 level of significance. Nitrate is the only constituent statistically above background that has a PDWS. The other constituents that are statistically above background are Mn, Na, Total PO₄, pH, and Specific Conductance.

Analytes Detected above the PDWS

Three constituents (Nitrate as Nitrogen, Gross Alpha, and Total Radium) were detected at concentrations above PDWS. Total Radium and Gross Alpha are not considered to be groundwater contaminants at the New TNX Seepage Basin since they were detected above the PDWS once since protocol monitoring was initiated. Table 3 lists a summary of monitoring results for the constituents listed above PDWS.

SUMMARY OF NEW TNX SEEPAGE BASIN CHARACTERIZATION DATA

Simulated wastes used in the TNX Area contain primarily Iron, Sodium, Nitrate, Aluminum and Sulfate. Sodium, Nitrate, and other major ions which contribute to specific conductance (Cl, Fe, AL, SO₄, etc) are elevated in the groundwater samples.

The groundwater downgradient of the basin has been impacted by non-hazardous constituents such as Sodium, Nitrate, Phosphate, Manganese, and pH, as well as the indicator parameter specific conductance. These impacts are consistent with the materials used to prepare the simulated wastes used in treatability studies.

Gross Alpha, Total Radium and Nitrate as Nitrogen are the only inorganics which were detected above PDWS in groundwater. Gross Alpha and Total Radium are not considered to be contaminants of groundwater at the New TNX Seepage Basin since they were only detected above PDWS once. The fluctuation of nitrate concentrations in the groundwater is a result of variations (volume and chemistry) in discharges to the basin (Figure 11). Trichloroethylene was reported one time at the Method Detection Limit (MDL) in YSB 4A and results for all other organic analyses of New TNX Seepage Basin groundwater samples have been below the MDL (Tables 2 and 3).

PROGRAM TO DETERMINE HORIZONTAL AND VERTICAL EXTENT OF CONTAMINATION

Horizontal Extent

Non-hazardous wastewaters were discharged to the New TNX Seepage Basin. The wastewaters discharged to the New TNX Seepage Basin were solutions of inorganic salts which contained primarily Na, Al, Ca, Fe, Mn, Cl, and NO₃ ions. The groundwater downgradient of the New TNX Seepage Basins has been impacted by a suite of inorganic constituents consistent with the constituents disposed of in the basin. Groundwater impacts on pH and Specific Conductance can be attributed to the inorganic constituents which have impacted the groundwater at the New TNX Seepage Basin. Results from groundwater sample analyses show that none of the inorganic non-radioactive constituents which have PDWS are present at levels above the PDWS.

None of the radioactive parameters on the PDWS list were determined to be present in the groundwater at levels significantly different from background.

Quarterly sampling/ analysis for the constituents listed as SCHWMMR R.61-79.265.92 Required Parameters (Table 1) will be continued to ensure that groundwater impacts which may compromise protection of human health and the environment do not go undetected. Further assessment of the horizontal extent of groundwater impacts by inorganic constituents in the water table is not necessary at this time since existing and anticipated levels of inorganic constituents do not pose a threat to human health or the environment.

Vertical Extent

Water level data from the P26 well cluster (Figure 6) indicate that there is an upward hydraulic gradient between the unconfined and semi-confined aquifers in the vicinity of the New TNX Seepage Basins. The upward groundwater flow prevents the downward migration of constituents and as result assessment of the groundwater quality of aquifers beneath the unconfined aquifer is not necessary in the TNX Area.

Analytical Requirements

All of the wells in the New TNX Seepage Basin groundwater detection monitoring system will be sampled quarterly. Samples will be collected and shipped according to approved DPSOP 254 Procedures. Groundwater samples will be analyzed for the constituents listed as SCHMWR R.61-79.265.29 Required Parameters (Table 1) by the primary laboratory that is performing all of the other analysis of TNX Area groundwater samples.

Results of the quarterly detection monitoring are routinely published in the Annual SRS Environmental Report. Additional groundwater monitoring data from the New TNX Seepage Basin monitoring network will continue to be reported in the Annual SRS Environmental Report.

Hazardous Constituents

A full Appendix IX scan has not been performed on any of the New TNX Seepage Basin water table monitoring wells. In order to determine if any hazardous constituents, besides those that have already been analyzed for routinely, have entered the groundwater beneath the New TNX Seepage Basin an Appendix IX analysis will be completed on samples collected from the New TNX Seepage Basin groundwater detection well network by the end of the first quarter of 1990. After the results from the Appendix IX analysis have been received the data will be analyzed and acted upon according to the decision tree in Figure 12.

CORRECTIVE ACTION FEASIBILITY PLAN

Because the constituents that are statistically elevated are present in concentrations that do not exceed PDWS remediation of the groundwater in the vicinity of the New TNX Seepage Basin is not necessary at this time. If future monitoring results indicate that remediation is necessary a revised GWQA/CAFP will be prepared and submitted.

SCHEDULE

Results of the quarterly detection monitoring are routinely published in the Annual SRS Environmental Report. Additional groundwater monitoring data from the New TNX Seepage Basin monitoring network will continue to be reported in the Annual SRS Environmental Report.

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Figure 1: Location of TNX Area

Figure 2: Hydrogeologic Cross-Section of TNX Area

Figure 3: Typical Geophysical Log for the TNX Area

Figure 4: TNX Area Water Table 4Q88

Figure 5: Hydrographs for Monitoring Wells at the New TNX Seepage Basin

Figure 6: Hydrographs for Wells in the P26 Cluster

Figure 7: Potentiometric Map for Aquifer 2.A

Figure 9: Potentiometric Surface for the Lower Portion of Aquifer System 1

Figure 10: Groundwater detection monitoring wells around the New TNX Seepage Basin

Table 1: Groundwater Monitoring Parameters

SCHMR R.61-79.265.92 Required Parameters

ARSENIC
 CADMIUM
 CHROMIUM
 ENDRIN
 LINDANE
 METHOXYCHLOR
 PHENOLS
 SELENIUM
 SILVER
 TOXAPHENE
 MERCURY
 LEAD
 GROSS ALPHA
 SILVER
 SULFATE
 TOTAL RADIUM
 FLUORIDE
 MANGANESE
 BARIUM
 CHLORIDE
 TOTAL ORGANIC HALOGENS
 TOTAL ORGANIC CARBON
 2,4-DICHLOROPHENOXYACETIC ACID
 NITRATE AS NITROGEN
 PH
 SODIUM
 SPECIFIC CONDUCTANCE
 NONVOLATILE BETA (GROSS BETA)
 IRON

Additional Parameters

1,1,1-TRICHLOROETHANE
 1,1,2,2-TETRACHLOROETHANE
 1,1,2-TRICHLOROETHANE
 1,1-DICHLOROETHANE
 1,1-DICHLOROETHYLENE
 1,2-DICHLOROETHANE
 1,2-DICHLOROPROPANE
 2-CHLOROETHYL VINYL ETHER
 BENZENE
 BERYLLIUM
 BROMODICHLOROMETHANE
 BROMOFORM
 BROMOMETHANE
 CARBON TETRACHLORIDE
 CHLOROBENZENE
 CHLOROETHANE
 CHLOROETHENE
 CHLOROFORM
 CHLOROMETHANE
 CIS-1,3-DICHLOROPROPENE
 CYANIDE
 DIBROMOCHLOROMETHANE
 DISSOLVED ORGANIC CARBON
 ETHYL BENZENE
 GC SCAN
 METHYLENE CHLORIDE
 NITRITE AS NITROGEN
 SULFIDE
 SURFACTANTS
 TETRACHLOROETHYLENE
 TOLUENE
 TRANS-1,2-DICHLOROETHENE
 TRANS-1,3-DICHLOROPROPENE
 TRICHLOROETHYLENE
 TRICHLOROFLUOROMETHANE
 NICKEL
 COPPER
 TOTAL PHOSPHATES
 CALCIUM
 COLOR
 CORROSIVITY
 MAGNESIUM
 ODOUR
 POTASSIUM
 SILICA
 TOTAL DISSOLVED SOLIDS
 TRITIUM
 TURBIDITY
 ZINC

Table 2: Summary of Groundwater Monitoring Results for
Constituents which do not have a Primary Drinking Water Standard

Constituent	YSB 1A	YSB 2A	YSB 3A	YSB 4A
Constituents Never Detected in any Well				
1,1,2,2-TETRACHLOROETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
1,1,2-TRICHLOROETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
1,1-DICHLOROETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
1,2-DICHLOROPROPANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
2-CHLOROETHYL VINYL ETHER	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
BENZENE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
BERYLLIUM	LT(4/4)	LT(5/5)	LT(5/5)	LT(4/4)
BROMODICHLOROMETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
BROMOFORM	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
BROMOMETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
CHLOROBENZENE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
CHLOROETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
CHLOROFORM	LT(3/3)	LT(4/4)	LT(6/6)	LT(4/4)
CHLOROMETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
CIS-1,3-DICHLOROPROPENE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
CYANIDE	LT(2/2)	LT(2/2)	LT(2/2)	LT(2/2)
DIBROMOCHLOROMETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
ETHYLBENZENE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
GC SCAN	LT(2/2)	LT(2/2)	LT(3/3)	LT(2/2)
METHYLENE CHLORIDE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
NITRITE AS NITROGEN	LT(2/2)	LT(2/2)	LT(2/2)	LT(2/2)
SULFIDE	LT(2/2)	LT(2/2)	LT(2/2)	LT(2/2)
SURFACTANTS	LT(3/3)	LT(2/2)	LT(4/4)	LT(3/3)
TETRACHLOROETHYLENE	LT(3/3)	LT(4/4)	LT(6/6)	LT(4/4)
TOLUENE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
TRANS-1,2-DICHLOROETHENE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
TRANS-1,3-DICHLOROPROPENE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
TRICHLOROFLUOROMETHANE	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)

Constituents Detected but not in Elevated Concentrations

CALCIUM
CHLORIDE
COLOR
COPPER
CORROSIVITY
DISSOLVED ORGANIC CARBON
IRON
MAGNESIUM
NICKEL
ODOR
PHENOLS
POTASSIUM
SILICA
SULFATE
TOTAL DISSOLVED SOLIDS
TOTAL ORGANIC CARBON
TOTAL ORGANIC HALOGENS
TRITIUM
TURBIDITY
ZINC

Table 2: (continued): Summary of Groundwater Monitoring Results for Constituents which do not have a Primary Drinking Water Standard

Constituent	YSB 1A	YSB 2A	YSB 3A	YSB 4A
Constituents Detected in Elevated Concentrations				
MANGANESE *	0.0288		0.5454	0.0014
PH *	0.0368		0.0001	0.0819
SODIUM *	0.0318		0.0001	0.0023
SPECIFIC CONDUCTANCE *	0.0117		0.0001	0.0001
TOTAL PHOSPHATES *	0.1041		0.1454	0.0810

Note:

LT (##/##) = No. of results below detection limits/ No. of samples

* Probability of a Type I error

Table 3: Summary of Groundwater Monitoring Results for Constituents which have a Primary Drinking Water Standard

Constituent	PDWS	Result in ug/l unless otherwise noted			
	(ug/L)	YSB 1A	YSB 2A	YSB 3A	YSB 4A
Constituents Never Detected					
Arsenic	50	LT(7/7)	LT(7/7)	LT(7/7)	LT(7/7)
Chromium	50	LT(7/7)	LT(7/7)	LT(7/7)	LT(8/8)
Silver	50	LT(7/7)	LT(11/11)	LT(8/8)	LT(7/7)
Selenium	10	LT(7/7)	LT(7/7)	LT(7/7)	LT(7/7)
Endrin	0.2	LT(3/3)	LT(3/3)	LT(3/3)	LT(3/3)
Lindane	4	LT(3/3)	LT(3/3)	LT(3/3)	LT(3/3)
Methoxychlor	100	LT(3/3)	LT(3/3)	LT(3/3)	LT(3/3)
Toxaphene	5	LT(3/3)	LT(3/3)	LT(3/3)	LT(3/3)
2,4-D	100	LT(3/3)	LT(3/3)	LT(3/3)	LT(3/3)
Silvex	10	LT(3/3)	LT(3/3)	LT(3/3)	LT(3/3)
Benzene	5	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
Carbon Tetrachloride	5	LT(3/3)	LT(4/4)	LT(6/6)	LT(4/4)
1,2-Dichloroethane	5	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
1,1-Dichloroethylene	7	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
1,1,1-Trichloroethane	200	LT(3/3)	LT(4/4)	LT(6/6)	LT(4/4)
Chloroethene *	2	LT(1/1)	LT(1/1)	LT(2/2)	LT(2/2)
Constituents Detected but not in Elevated Concentrations					
Barium	1000	7-13	8 - 14	LT4 - 23	7 - 26
Cadmium	10	LT(8/8)	LT(8/8)	LT(8/8)	LT(10/11)
		-	-	-	LT2 - 2
Mercury	2	LT(13/13)	LT(15/16)	LT(15/16)	LT(13/17)
		-	LT0.2 - 0.26	LT0.2 - 0.31	LT0.2 - 0.4
Lead	50	LT(13/14)	LT(11/13)	LT(11/13)	LT(12/13)
		LT4 - 9	LT4 - 5	LT4 - 10	LT4 - 6
Flouride	4000	LT(8/8)	LT(6/8)	LT(9/10)	LT(8/9)
		-	LT100 - 350	LT100 - 190	LT100 - 120
Trichloroethylene	5	LT(3/3)	LT(4/4)	LT(6/6)	LT(3/4)
Gross Beta (pCi/ml)	20				
Constituents Detected in Elevated Concentrations					
Nitrate	10000	900 - 1730	730 - 1700	700 - 22000	1200 - 11000
Gross Alpha (pCi/L)	15	LT(7/13)	LT(14/16)	LT(15/18)	Time Tr.
		0.86 - 17	0 - LT3	0 - LT3	0 - 14
Total Radium (pCi/L)	5	LT(11/12)	LT(12/15)	LT(14/17)	Time Tr.
		LT1 - 5	0.4 - LT1	0 - LT1	0.58 - 14

Note:

LT(##/##) = No. of results below detection limits/No. of Samples

Values listed below LT summary are the range of reported values

* Vinyl Chloride

Figure 11: Nitrate versus Time for Well YSB 3A

Figure 12: Decision Tree for reporting results of Appendix IX Analyses

APPENDIX A

ENVIRODYNE ENGINEERS INC.

WELL CONSTRUCTION DETAILS

Date of Installation 12/12/83

Job No. _____
Time Started 12/9/83
10 AM

Boring No. 1 TRV
Time Completed 12/12/83
3 PM

Surface Elev. _____

depth measurements of well detail are from ground surface unless otherwise indicated.

- ① Height of Protective Casing Above Ground NA
- ② Total Length of Protective Casing NA
- ③ Height of Standpipe Above Ground 2'
- ④ Depth to First Coupling 15'
Coupling Interval 15' 10'
- ⑤ Total Length of Blank Pipe 15'
- ⑥ Type of Blank Pipe Sch 20 PVC 4"
- ⑦ Length of Screen 30'
- ⑧ Type of Screen Slotted PVC 4" - 0.08"
- ⑨ Total Depth of Boring 45 Hole Diam. 10
- ⑩ Type of Material sand & gravel
- ⑪ Depth to Bottom of Screen 45
- ⑫ Type of Screen Filter pea gravel
Quantity Used 16 bags
- ⑬ Depth to Top of Filter 10'
- ⑭ Type of Seal white SAND
Quantity Used 1 1/2 bags
- ⑮ Depth to Top of Seal 8'
- ⑯ Type of Seal Weight NA
Quantity Used NA
- ⑰ Depth to Top of Seal Weight NA
- ⑱ Type of Grout Cement
Grout Mixture Cement & water
- ⑲ Type of Protective Casing NA
Concrete Collar Mixture Cement & water

Remarks:

Everything went smooth

DRILLING REQUEST

Re-drill

Y5B 1A

NAME W E Morris ORGANIZATION HP
LOCATION 735-A PHONE 1854

IDENTIFICATION

Well Number # 1A Area 904-1026 TNY Retention Basin
Coordinates N 71162.34 E 17828.96
Ground Elevation 143.43 Permits WCP

WELL HOLE DATA

Condition of Well _____ Drill Date 12/9/83
Well Driller Joe Law Depth of Well 45' Borehole Diameter _____
Drilling Method Hydraulic Rotary Geologic Formation at Bottom sand & gravel
Mud Type: _____ Native Clay ☒ Bentonite
Sampling: _____ Auger _____ Ditch _____ Cores no samples

WELL CASING DATA

Casing Type PVC Flush Thread Length of Casing (below ground) 45'
Diameter of Casing 4" Elevation at Top of Casing _____
Type of Grout cement Placement bottom of hole

FINISH TYPE DATA

Type of Screen PVC Flush Thread Opening Size 0.18"
Bottom Closure: PVC plug Cast Concrete _____ Poured Concrete Plug _____
Setting: ☒ Bottom Hole Placement _____ Washed Down _____
_____ Casing and Packer Placement _____

FINISH ZONE DATA

Geologic Formation Screened ND
Number of Finish Zones in Formation ND
Depth to Top of Uppermost Zone ND
Depth to Bottom of Last Zone ND

Packing Used per-gravel & sand Method of Packing pour from top
Depth to Top of Packing 10' Depth to Bottom of Packing 45'
Materials Used: 5 Sacks Cement 1 1/2 Sacks Sand
16 ~~Galvanized~~ Iron Bags ~~Chips~~

Measuring Point: Top of Casing Ground Level
Other (If other, elevation of measuring point)

Water Level 26' Date of Measurement 12/22/83

Development blow with air surge with water
Length of Time Developed 14 hrs.

Date Tested none Length of Time Tested none Test Yield none
Test Drawdown none Pump Type none

Production Yield	Drawdown	Pump Type
------------------	----------	-----------

Driller's Log ENV 201 Environmental Geophysical Log

Physical Core _____ Cutting Samples _____

Water Level Observations E.C. Dissolved Solids Analysis _____

Dissolved Gasses Analysis _____ Radionuclide Analysis EC

Engineering Drawing _____ Engineering Drawing Number _____

Drilled by Riley Horton SCCW0 # 141
 developed by Riley Horton SCCW0 # ¹⁴¹
 Tech. oversight by Marcelo Medina SCCW0 # 320

Y5B 1A

WELL DRILLING

FIELD ACTIVITIES LOG

DATE	ACTIVITY	TIME		WELL I.D. #1	REMARKS	INI
		START	FINISH			
	Preparing Site -					
12/9/83	Obtaining Supplies -					
	1) Casing; Screen	11:00	12:00		Got all material <i>MM</i>	
	2) Bentonite; cement	11:00	12:00		at same time	
	3) Gravel & Sand	11:00	12:00			
	4) water					
	Setting-up Equipment-					
	1) Well Rig	8:00	10:00			
	2) Pump, compressor					
	3) Layout of Rods	10:20	10:30			
	Drilling Hole -					
	1) Starting	12:00				
	2) Depth (Lunch - ft.)	0				
	3) Depth(Complete ft)	45'				
	4) Washing Out Hole	3:20	4:00			
	5) Remove Drill Rods				drill rod 1st in hole over weekend <i>MM</i>	
12/12/83	Setting Screen/Casing	9:00	9:30			
	1) Trimmer Pipe	9:30	10:00			
	2) Gravel Pack	11:45	12:20			
	3) Wash	12:45	1:30			
	4) Sand	1:35	1:45			
	5) Grout	2:00	2:30			
	(6) Cleaning Equipment					
	Cleaning Site	2:35	3:30

ENVIRODYNE ENGINEERS INC.

WELL CONSTRUCTION DETAILS

458 2A

Date of Installation 12/13/82

Job No. _____

Drilling No. TP 2 400 MIX

Time Started 12/12/82

Time Completed 12/13/82

Ground Surface Elev. _____

3.01

4100

All depth measurements of well detail are from ground surface unless otherwise indicated.

- ① Height of Protective Casing Above Ground NA
- ② Total Length of Protective Casing NA
- ③ Height of Standpipe Above Ground 2'
- ④ Depth to First Coupling 15'
Coupling Interval 15', 25'
- ⑤ Total Length of Blank Pipe 10' 17'
- ⑥ Type of Blank Pipe Sch 20 PVC 4"
- ⑦ Length of Screen 30'
- ⑧ Type of Screen slotted PVC 4" .015
- ⑨ Total Depth of Boring 45' Hole Diam. 10'
- ⑩ Type of Material sand & gravel
- ⑪ Depth to Bottom of Screen 45'
- ⑫ Type of Screen Filter pea gravel
Quantity Used 15 bags
- ⑬ Depth to Top of Filter 10'
- ⑭ Type of Seal white sand
Quantity Used 2
- ⑮ Depth to Top of Seal 8'
- ⑯ Type of Seal Weight NA
Quantity Used NA
- ⑰ Depth to Top of Seal Weight NA
- ⑱ Type of Grout concrete
Grout Mixture concrete & water
- ⑲ Type of Protective Casing NA
Concrete Collar Mixture concrete & water

Remarks:

Everything went smooth (new)

DRILLING REQUEST

Re-drill

Y50 2A

NAME WE Norris

ORGANIZATION

HP

LOCATION 735-A A

PHONE

1854

IDENTIFICATION

Well Number

H 2 7

Area

904-1026

TRX Retention Basin

Coordinates N

71010.25

E

17850.52

Ground Elevation

142.67

Permits

WCP

WELL HOLE DATA

Condition of Well

Drill Date

12/13/83

Well Driller

Law (Joe Jones)

Depth of Well

45

Borehole Diameter

Drilling Method

hydraulic (rotary)

Geologic Formation at

Bottom

sand & gravel

Mud Type:

Native Clay

Bentonite

Sampling:

Auger

Ditch

Cores no samples

WELL CASING DATA

Casing Type

AK Flush Threaded

Length of Casing (below ground)

Diameter of Casing

4"

Elevation at Top of Casing

Type of Grout

cement & water

Placement

pumped from bottom up

FINISH TYPE DATA

Type of Screen

AK Flush Threaded

Opening Size

.019"

Bottom Closure:

AK plug

Cast Concrete

Poured Concrete Plug

Setting:

Bottom Hole Placement

Washed Down

Casing and Packer Placement

FINISH ZONE DATA

Geologic Formation Screened

ND

Number of Finish Zones in Formation

ND

Depth to Top of Uppermost Zone

ND

Depth to Bottom of Last Zone

ND

FINISH PACKING DATA

Packing Used pen gravel & sand Method of Packing pour from top
 Depth to Top of Packing 10' Depth to Bottom of Packing 45'
 Materials Used: 4 Sacks Cement 2 Sacks Sand
15 Gallons ~~water~~ sacks of pen gravel

WATER LEVEL DATA

Measuring Point: Top of Casing Ground Level
Other (If other, elevation of measuring point
)

Water Level 24' Date of Measurement 12/22/83

DEVELOPMENT DATA

Development blow with air surge with water
 Length of Time Developed 22 1/2 hrs

TEST YIELD DATA

Date Tested none Length of Time Tested none Test Yield none
 Test Drawdown none Pump Type none

PRODUCTION YIELD DATA

Production Yield Drawdown Pump Type

LOCATION OF OTHER FILES

Driller's Log ENUCOL & Envirotech Geophysical Log
 Physical Core Cutting Samples
 Water Level Observations EC Dissolved Solids Analysis
 Dissolved Gasses Analysis Radionuclide Analysis EC
 Engineering Drawing Engineering Drawing Number

drilled by Rick Hester SCWD #141
 developed by Rick Hester SCWD #141
 Tech. oversight by Marcelle Hester SCWD #320

VSB 2A

WELL DRILLING

FIELD ACTIVITIES LOG

DATE	ACTIVITY	TIME		WELL I.D. # 2 904-102G	REMARKS	INIT.
		START	FINISH			
12/12/83	Preparing Site -					
	Obtaining Supplies -					
	1) Casing; Screen					
	2) Bentonite; cement					
	3) Gravel & Sand					
	4) Water					
12/12/83	Setting-up Equipment-	3:00	3:30			
	1) Well Rig	↓	↓			
	2) Pump, compressor					
	3) Layout of Rods	3:30	3:45			
	Drilling Hole -					
12/13/83	1) Starting	9:00	12:20			
	2) Depth (Lunch - ft.)	40'				
	3) Depth(Complete ft)		45'			
	4) Washing Out Hole					
	5) Remove Drill Rods					
	Setting Screen/Casing	12:30	12:40			
	1) Trimmer Pipe	12:50	1:00			
	2) Gravel Pack	2:00	2:10			
	3) Wash	2:30	3:00			
	4) Sand	3:10	3:15			
	5) Grout	3:15	4:00			mal
	(6) Cleaning Equipment					
	Cleaning Site

ENVIRODYNE ENGINEERS INC.

WELL CONSTRUCTION DETAILS

Date of Installation 12/28/85

Job No. _____

Boring No. 3 904-1026

Time Started 11:00

Time Completed 4:15

Surface Elev. _____

depth measurements of well detail are from ground surface unless otherwise indicated.

- ① Height of Protective Casing Above Ground N/A
- ② Total Length of Protective Casing N/A
- ③ Height of Standpipe Above Ground 2'
- ④ Depth to First Coupling 1.5'
Coupling Interval 1.5' / 10'
- ⑤ Total Length of Blank Pipe 15'
- ⑥ Type of Blank Pipe Sch 20 4" PVC
- ⑦ Length of Screen 30'
Type of Screen slotted PVC 4" - 0.18"
- ⑧ Total Depth of Boring 45' Hole Diam. 10"
- ⑨ Type of Material sand & clay
- ⑩ Depth to Bottom of Screen 45'
- ⑪ Type of Screen Filter pea gravel
Quantity Used 17 bags
- ⑫ Depth to Top of Filter 8'
- ⑬ Type of Seal white sand
Quantity Used 2 bags
- ⑭ Depth to Top of Seal 6'
- ⑮ Type of Seal Weight N/A
Quantity Used N/A
- ⑯ Depth to Top of Seal Weight N/A
- ⑰ Type of Grout Cement
Grout Mixture Cement & Water
- ⑱ Type of Protective Casing N/A
Concrete Collar Mixture Cement & water

Remarks:

DRILLING REQUEST

Re-drill

Y5B 3A

NAME W.E. Norris ORGANIZATION H.P.
LOCATION 735-A PHONE 1854

IDENTIFICATION

Well Number # 3A Area 904-102G HUX TNY Retention Basin
Coordinates N 70854 05 E 177-55.70
Ground Elevation 141.74 Permits WCP

WELL HOLE DATA

Condition of Well _____ Drill Date 12/28/83
Well Driller Law (Joe) Depth of Well 45' Borehole Diameter _____
Drilling Method Hydraulic (rotary) Geologic Formation at Bottom SAND & gravel
Mud Type: _____ Native Clay ☒ Bentonite
Sampling: _____ Auger _____ Ditch _____ Cores no samples

WELL CASING DATA

Casing Type pre Flush threaded Length of Casing (below ground) 15'
Diameter of Casing 4" Elevation at Top of Casing _____
Type of Grout cement Placement pumped from bottom

FINISH TYPE DATA

Type of Screen pre Flush Threaded Opening Size .0018"
Bottom Closure: PC plug Cast Concrete _____ Poured Concrete Plug _____
Setting: ☒ Bottom Hole Placement _____ Washed Down _____
_____ Casing and Packer Placement _____

FINISH ZONE DATA

Geologic Formation Screened ND
Number of Finish Zones in Formation ND
Depth to Top of Uppermost Zone ND
Depth to Bottom of Last Zone ND

FINISH PACKING DATA

Packing Used pergande SAND Method of Packing pour from top
 Depth to Top of Packing 8' Depth to Bottom of Packing 46'
 Materials Used: 4 Sacks Cement 2 Sacks Sand
17 Gallons Pack Chips

WATER LEVEL DATA

Measuring Point: ☒ Top of Casing ☐ Ground Level
☐ Other (If other, elevation of measuring point _____)
 Water Level 23' Date of Measurement 1/6/84

DEVELOPMENT DATA

Development blow with air surge with water
 Length of Time Developed 14 hrs

TEST YIELD DATA

Date Tested none Length of Time Tested none Test Yield none
 Test Drawdown none Pump Type none

PRODUCTION YIELD DATA

Production Yield _____ Drawdown _____ Pump Type _____

LOCATION OF OTHER FILES

Driller's Log Env. Col. & Emulsion Geophysical Log _____
 Physical Core _____ Cutting Samples _____
 Water Level Observations E.C. Dissolved Solids Analysis _____
 Dissolved Gasses Analysis _____ Radionuclide Analysis EC
 Engineering Drawing _____ Engineering Drawing Number _____

Drilled by Timothy Hayden SCCWD #141
 Developed by Timothy Hayden SCCWD #141
 Oversight by T. Clendenen SCCWD #320

WELL DRILLING

FIELD ACTIVITIES LOG

DATE	ACTIVITY	TIME		WELL I.D. #	REMARKS	INIT.
		START	FINISH			
12-27-83	Preparing Site -	3:00	3:15			
	Obtaining Supplies -					
	1) Casing; Screen				They have already obtained supplies	10/11/83
	2) Bentonite; cement					
	3) Gravel & Sand					
	4) Water	↓	↓			
	Setting-up Equipment-	3:15	3:30			
	1) Well Rig	3:15	3:30			
	2) Pump, compressor					
	3) Layout of Rods	3:15	3:30			
12/28/83	Drilling Hole -					
	1) Starting	11:30 AM			Rain & lightning all morning	ma/
	2) Depth (Lunch - ft.)	10'				
	3) Depth(Complete ft)	2:00	45'			
	4) Washing Out Hole	2:00	2:15			
	5) Remove Drill Rods	2:20	2:30			
	Setting Screen/Casing	2:30	2:40			
	1) Trimmer Pipe	2:40	2:45			
	2) Gravel Pack	2:45	3:10			
	3) Wash	3:15	3:35			
	4) Sand	3:40	3:45			
	5) Grout	3:50	4:15			
	(6) Cleaning Equipment					
	Cleaning Site

ENVIRODYNE ENGINEERS INC.

Date of Installation 12/22/83

Surface Elev. _____

WELL CONSTRUCTION DETAILS

Job No. _____

Boring No. 4

Time Started 8:30 AM

Time Completed 12-27-83

8 220

depth measurements of well detail are from ground surface unless otherwise indicated.

- ① Height of Protective Casing Above Ground N/A
- ② Total Length of Protective Casing N/A
- ③ Height of Standpipe Above Ground 2
- ④ Depth to First Coupling 15'
Coupling Interval 15' 10'
- ⑤ Total Length of Blank Pipe 17'
- ⑥ Type of Blank Pipe sch 40 PVC 4"
- ⑦ Length of Screen 30'
- ⑧ Type of Screen slotted PVC 4" dia
- ⑨ Total Depth of Boring 45' Hole Diam. 10"
- ⑩ Type of Material clay, sand, small gravel
- ⑪ Depth to Bottom of Screen 45'
- ⑫ Type of Screen Filter pea gravel
Quantity Used 19 bags
- ⑬ Depth to Top of Filter 10'
- ⑭ Type of Seal white sand
Quantity Used 2 bags
- ⑮ Depth to Top of Seal 7.5'
- ⑯ Type of Seal Weight N/A
Quantity Used N/A
- ⑰ Depth to Top of Seal Weight N/A
- ⑱ Type of Grout Cement
Grout Mixture Cement & water
- ⑲ Type of Protective Casing N/A
Concrete Collar Mixture Cement & water

Remarks:

Everything went smooth (mca)

DRILLING REQUEST

Recess

Y3B 4A

NAME W. E. Norris ORGANIZATION H.P.
LOCATION 735-A PHONE R 54

IDENTIFICATION

Well Number 4A Area 904-102B 400 TNX Retention B
Coordinates N 71020.91 E 17740.06
Ground Elevation 142.57 Permits WCP

WELL HOLE DATA

Condition of Well _____ Drill Date 12/22/83
Well Driller Law (Joe) Depth of Well 45' Barehole Diameter _____
Drilling Method Hydraulic (rotary) Geologic Formation at Bottom SPAC 5 small gravel
Mud Type: _____ Native Clay ☒ Bentonite
Sampling: _____ Auger _____ Ditch _____ Cores no samples

WELL CASING DATA

Casing Type PVC Flush threaded Length of Casing (below ground) _____
Diameter of Casing 4" Elevation at Top of Casing _____
Type of Grout cement Placement bottom ^{pumped from}

FINISH TYPE DATA

Type of Screen PVC Flush threaded Opening Size 0.18"
Bottom Closure: PVC Plug ~~Cast Concrete~~ _____ Poured Concrete
Setting: ☒ Bottom Hole Placement _____ Washed Down
_____ Casing and Packer Placement

FINISH ZONE DATA

Geologic Formation Screened NO
Number of Finish Zones in Formation NO
Depth to Top of Uppermost Zone NO
Depth to Bottom of Last Zone NO

FINISH PACKING DATA

Packing Used ^{per} gravel & sand Method of Packing pour from top
 Depth to Top of Packing 8' Depth to Bottom of Packing 4.5'
 Materials Used: 43 Sacks Cement 3 Sacks Sand
19 ~~Gallons~~ Rock Chips
Days

WATER LEVEL DATA

Measuring Point: ☒ Top of Casing ☐ Ground Level
☐ Other (If other, elevation of measuring point _____)
 Water Level 25' Date of Measurement 1/6/84

DEVELOPMENT DATA

Development blow with air, surge with water
 Length of Time Developed 14 hrs.

TEST YIELD DATA

Date Tested none Length of Time Tested none Test Yield none
 Test Drawdown none Pump Type none

PRODUCTION YIELD DATA

Production Yield _____ Drawdown _____ Pump Type _____

LOCATION OF OTHER FILES

Driller's Log Env. Col. & Enirodyne Geophysical Log _____
 Physical Core _____ Cutting Samples _____
 Water Level Observations E.C. Dissolved Solids Analysis _____
 Dissolved Gasses Analysis _____ Radionuclide Analysis E.C.
 Engineering Drawing _____ Engineering Drawing Number _____

Drilled by Riley Hester SECWD# 141
 Developed by Riley Hester SECWD# 141
 In Oversight by M. Anderson SECWD# 320

Y5B 4A

WELL DRILLING

FIELD ACTIVITIES LOG

DATE	ACTIVITY	TIME		WELL I.D. #	REMARKS	INIT.
		START	FINISH			
	Preparing Site -					
12/22/83	Obtaining Supplies - 1) Casing; Screen	18:30	10:00			
	2) Bentonite; cement					
	3) Gravel & Sand					
	4) Water					
	Setting-up Equipment-	8:00	9:15			
	1) Well Rig					
	2) Pump, compressor					
	3) Layout of Rods					
	Drilling Hole -					
	1) Starting	10:00			rained af and	
	2) Depth (Lunch - ft.)	25'	12:00		on all morning	
	3) Depth(Complete ft)	45'	1:45		lighting several	
	4) Washing Out Hole	1:45	2:15			
	5) Remove Drill Rods	2:15	2:25			
	Setting Screen/Casing	2:25	2:40			
	1) Trimmer Pipe	2:40	2:50			
	2) Gravel Pack	3:10	3:30			
	3) Wash	3:30	4:00		Knocked off	
12-21-83	4) Sand	1:30	1:40		They had to wait all day to get water.	
	5) Grout	1:40	2:00		Because the top was froze.	DNR
	(6) Cleaning Equipment	2:10	2:25			
	Cleaning Site	2:25	2:35			

APPENDIX B

GROUNDWATER MONITORING WELL

YSB1A

Raw Data

YSB	1A	031084	SPECIFIC CONDUCTANCE		25.0000	UMHC	FD
YSB	1A	031084	PH		4.2000	PH	FD
YSB	1A	042584	SPECIFIC CONDUCTANCE		24.0000	UMHC	FD
YSB	1A	042584	PH		5.6000	PH	FD
YSB	1A	072684	SILVER	LT	10.0000	UGL	EE
YSB	1A	072684	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	1A	072684	ARSENIC	LT	1.0000	UGL	EE
YSB	1A	072684	ARSENIC	LT	1.0000	UGL	EE
YSB	1A	072684	BARIUM		10.0000	UGL	EE
YSB	1A	072684	BERYLLIUM	LT	2.0000	UGL	EE
YSB	1A	072684	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	1A	072684	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	072684	CHLORIDE		3820.0000	UGL	EE
YSB	1A	072684	COLOR		0.0000	APC	EE
YSB	1A	072684	SPECIFIC CONDUCTANCE		22.0000	UMHC	FD
YSB	1A	072684	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	072684	COPPER		10.0000	UGL	EE
YSB	1A	072684	CYANIDE	LT	5.0000	UGL	EE
YSB	1A	072684	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	1A	072684	ENDRIN	LT	0.0400	UGL	EE
YSB	1A	072684	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	072684	IRON		19.0000	UGL	EE
YSB	1A	072684	GC SCAN	LT	40.0000	UGL	EE
YSB	1A	072684	MERCURY	LT	0.2000	UGL	EE
YSB	1A	072684	LINDANE	LT	1.0000	UGL	EE
YSB	1A	072684	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	1A	072684	MANGANESE		7.0000	UGL	EE
YSB	1A	072684	SODIUM		1690.0000	UGL	EE
YSB	1A	072684	NICKEL	LT	4.0000	UGL	EE
YSB	1A	072684	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	1A	072684	NITRATE AS NITROGEN		900.0000	UGL	EE
YSB	1A	072684	ODOR		0.0000	THON	EE
YSB	1A	072684	LEAD	LT	4.0000	UGL	EE
YSB	1A	072684	PH		4.8000	PH	FD
YSB	1A	072684	PHENOLS		6.0000	UGL	EE
YSB	1A	072684	SELENIUM	LT	1.0000	UGL	EE
YSB	1A	072684	SELENIUM	LT	1.0000	UGL	EE
YSB	1A	072684	SILVEX	LT	2.0000	UGL	EE
YSB	1A	072684	SULFATE	LT	10000.0000	UGL	EE
YSB	1A	072684	SULFIDE	LT	1000.0000	UGL	EE
YSB	1A	072684	SURFACTANTS	LT	10.0000	UGL	EE
YSB	1A	072684	TOTAL DISSOLVED SOLIDS		26000.0000	UGL	EE
YSB	1A	072684	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	1A	072684	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	1A	072684	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	MM
YSB	1A	072684	TURBIDITY		9.0000	TU	EE
YSB	1A	072684	TOLAPRENE	LT	1.0000	UGL	EE
YSB	1A	072684	2,4-DICHLOROPHENOXACETIC ACID	LT	20.0000	UGL	EE
YSB	1A	072684	ZINC		91.0000	UGL	EE
YSB	1A	102084	SILVER	LT	2.0000	UGL	EE
YSB	1A	102084	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	1A	102084	ARSENIC	LT	1.0000	UGL	EE
YSB	1A	102084	BARIUM		11.0000	UGL	EE
YSB	1A	102084	BERYLLIUM	LT	2.0000	UGL	EE
YSB	1A	102084	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	1A	102084	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	102084	CHLORIDE		4500.0000	UGL	EE
YSB	1A	102084	COLOR		10.0000	APC	EE
YSB	1A	102084	SPECIFIC CONDUCTANCE		52.0000	UMHC	FD
YSB	1A	102084	CORROSIVITY		0.0035	MMY	EE
YSB	1A	102084	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	102084	COPPER	LT	4.0000	UGL	EE
YSB	1A	102084	CYANIDE	LT	5.0000	UGL	EE
YSB	1A	102084	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	1A	102084	ENDRIN	LT	0.0400	UGL	EE
YSB	1A	102084	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	102084	IRON		18.0000	UGL	EE
YSB	1A	102084	GC SCAN	LT	40.0000	UGL	EE
YSB	1A	102084	MERCURY	LT	0.2000	UGL	EE
YSB	1A	102084	LINDANE	LT	1.0000	UGL	EE
YSB	1A	102084	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	1A	102084	MANGANESE		4.0000	UGL	EE
YSB	1A	102084	SODIUM		2480.0000	UGL	EE
YSB	1A	102084	NICKEL	LT	4.0000	UGL	EE
YSB	1A	102084	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	1A	102084	NITRATE AS NITROGEN		1300.0000	UGL	EE
YSB	1A	102084	ODOR		0.0000	THON	EE
YSB	1A	102084	LEAD	LT	4.0000	UGL	EE
YSB	1A	102084	PH		5.5000	PH	FD
YSB	1A	102084	PHENOLS	LT	2.0000	UGL	EE

YSB	1A	102984	SELENIUM	LT	1.0000	UGL	EE
YSB	1A	102984	SILVER	LT	2.0000	UGL	EE
YSB	1A	102984	SULFATE	LT	5000.0000	UGL	EE
YSB	1A	102984	SULFIDE	LT	1000.0000	UGL	EE
YSB	1A	102984	SURFACTANTS	LT	10.0000	UGL	EE
YSB	1A	102984	SURFACTANTS	LT	10.0000	UGL	EE
YSB	1A	102984	TOTAL DISSOLVED SOLIDS	LT	90000.0000	UGL	EE
YSB	1A	102984	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	1A	102984	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	1A	102984	TOTAL ORGANIC HALOGENS	LT	18.0000	UGL	MM
YSB	1A	102984	TURBIDITY	LT	10.5000	TU	EE
YSB	1A	102984	TOXAPHENE	LT	1.0000	UGL	EE
YSB	1A	102984	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	1A	102984	ZINC	LT	15.0000	UGL	EE
YSB	1A	030585	SILVER	LT	2.0000	UGL	EE
YSB	1A	030585	SILVER	LT	2.0000	UGL	EE
YSB	1A	030585	GROSS ALPHA	LT	17.0000	PCL	CP
YSB	1A	030585	ARSENIC	LT	1.0000	UGL	EE
YSB	1A	030585	ARSENIC	LT	1.0000	UGL	EE
YSB	1A	030585	BARIUM	LT	8.0000	UGL	EE
YSB	1A	030585	BARIUM	LT	7.0000	UGL	EE
YSB	1A	030585	NONVOLATILE BETA	LT	12.0000	PCL	CP
YSB	1A	030585	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	030585	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	030585	CHLORIDE	LT	5830.0000	UGL	EE
YSB	1A	030585	SPECIFIC CONDUCTANCE	LT	38.0000	UMHC	FD
YSB	1A	030585	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	030585	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	030585	ENDRIN	LT	0.0400	UGL	EE
YSB	1A	030585	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	030585	IRON	LT	78.0000	UGL	EE
YSB	1A	030585	IRON	LT	72.0000	UGL	EE
YSB	1A	030585	MERCURY	LT	0.2000	UGL	EE
YSB	1A	030585	LINDANE	LT	1.0000	UGL	EE
YSB	1A	030585	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	1A	030585	MANGANESE	LT	4.0000	UGL	EE
YSB	1A	030585	MANGANESE	LT	4.0000	UGL	EE
YSB	1A	030585	SODIUM	LT	2380.0000	UGL	EE
YSB	1A	030585	SODIUM	LT	2300.0000	UGL	EE
YSB	1A	030585	NITRATE AS NITROGEN	LT	970.0000	UGL	EE
YSB	1A	030585	NITRATE AS NITROGEN	LT	970.0000	UGL	EE
YSB	1A	030585	LEAD	LT	4.0000	UGL	EE
YSB	1A	030585	LEAD	LT	4.0000	UGL	EE
YSB	1A	030585	PH	LT	5.3000	PH	FD
YSB	1A	030585	PHENOLS	LT	2.0000	UGL	EE
YSB	1A	030585	SELENIUM	LT	1.0000	UGL	EE
YSB	1A	030585	SELENIUM	LT	1.0000	UGL	EE
YSB	1A	030585	SILVER	LT	2.0000	UGL	EE
YSB	1A	030585	SULFATE	LT	5000.0000	UGL	EE
YSB	1A	030585	TOTAL ORGANIC CARBON	LT	4220.0000	UGL	EE
YSB	1A	030585	TOTAL RADIUM	LT	5.0000	PCL	CP
YSB	1A	030585	TOTAL ORGANIC HALOGENS	LT	18.0000	UGL	EE
YSB	1A	030585	TURBIDITY	LT	15.5000	TU	EE
YSB	1A	030585	TOXAPHENE	LT	1.0000	UGL	EE
YSB	1A	030585	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	1A	042485	SPECIFIC CONDUCTANCE	LT	22.0000	UMHC	FD
YSB	1A	042485	MERCURY	LT	0.2000	UGL	EE
YSB	1A	042485	SODIUM	LT	2570.0000	UGL	EE
YSB	1A	042485	SODIUM	LT	2600.0000	UGL	EE
YSB	1A	042485	NITRATE AS NITROGEN	LT	980.0000	UGL	EE
YSB	1A	042485	LEAD	LT	4.0000	UGL	EE
YSB	1A	042485	LEAD	LT	4.0000	UGL	EE
YSB	1A	042485	PH	LT	5.2000	PH	FD
YSB	1A	042485	TOTAL ORGANIC CARBON	LT	257.0000	UGL	EE
YSB	1A	042485	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	072385	SPECIFIC CONDUCTANCE	LT	70.0000	UMHC	FD
YSB	1A	072385	MERCURY	LT	0.2000	UGL	EE
YSB	1A	072385	SODIUM	LT	2730.0000	UGL	EE
YSB	1A	072385	NITRATE AS NITROGEN	LT	1000.0000	UGL	EE
YSB	1A	072385	LEAD	LT	4.0000	UGL	EE
YSB	1A	072385	PH	LT	5.1000	PH	FD
YSB	1A	072385	TOTAL ORGANIC CARBON	LT	590.0000	UGL	EE
YSB	1A	072385	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	072385	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	110585	SPECIFIC CONDUCTANCE	LT	28.0000	UMHC	FD
YSB	1A	110585	MERCURY	LT	0.2000	UGL	EE
YSB	1A	110585	SODIUM	LT	4390.0000	UGL	EE
YSB	1A	110585	NITRATE AS NITROGEN	LT	930.0000	UGL	EE
YSB	1A	110585	LEAD	LT	5.0000	UGL	EE
YSB	1A	110585	PH	LT	4.5000	PH	FD

YSB	1A	110585	TOTAL ORGANIC CARBON		620.0000	UGL	EE
YSB	1A	110585	TOTAL ORGANIC CARBON		580.0000	UGL	EE
YSB	1A	110585	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	110585	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	032886	GROSS ALPHA		5.0000	PCL	CP
YSB	1A	032886	NONVOLATILE BETA		5.0000	PCL	CP
YSB	1A	032886	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	032886	CHLORIDE		4000.0000	UGL	EE
YSB	1A	032886	SPECIFIC CONDUCTANCE		30.0000	UMEC	FD
YSB	1A	032886	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	032886	IRON		1040.0000	UGL	EE
YSB	1A	032886	MERCURY	LT	0.2000	UGL	EE
YSB	1A	032886	MANGANESE		4.0000	UGL	EE
YSB	1A	032886	SODIUM		2500.0000	UGL	EE
YSB	1A	032886	NITRATE AS NITROGEN		1000.0000	UGL	EE
YSB	1A	032886	PH		5.5000	PH	FD
YSB	1A	032886	PHENOLS	LT	2.0000	UGL	EE
YSB	1A	032886	SULFATE	LT	5000.0000	UGL	EE
YSB	1A	032886	TOTAL ORGANIC CARBON		6000.0000	UGL	EE
YSB	1A	032886	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	1A	032886	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	043086	SPECIFIC CONDUCTANCE		29.0000	UMEC	FD
YSB	1A	043086	PH		4.8000	PH	FD
YSB	1A	043086	ZINC	LT	10.0000	UGL	EE
YSB	1A	082086	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	1A	082086	SPECIFIC CONDUCTANCE		34.0000	UMEC	FD
YSB	1A	082086	SPECIFIC CONDUCTANCE		28.4000	UMEC	EE
YSB	1A	082086	MERCURY	LT	0.2000	UGL	EE
YSB	1A	082086	SODIUM		2360.0000	UGL	EE
YSB	1A	082086	NITRATE AS NITROGEN		990.0000	UGL	EE
YSB	1A	082086	PH		5.6000	PH	FD
YSB	1A	082086	PH		5.6800	PH	EE
YSB	1A	082086	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	1A	082086	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	1A	082086	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	112286	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	1A	112286	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	1A	112286	SPECIFIC CONDUCTANCE		43.0000	UMEC	FD
YSB	1A	112286	SODIUM		2670.0000	UGL	EE
YSB	1A	112286	NICKEL	LT	4.0000	UGL	EE
YSB	1A	112286	NITRATE AS NITROGEN		1010.0000	UGL	EE
YSB	1A	112286	PH		5.4000	PH	FD
YSB	1A	112286	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	1A	112286	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	112286	TOTAL PHOSPHATES		78.0000	UGL	EE
YSB	1A	031487	SILVER	LT	2.0000	UGL	EE
YSB	1A	031487	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	1A	031487	ARSENIC	LT	2.0000	UGL	EE
YSB	1A	031487	BARIUM		13.0000	UGL	EE
YSB	1A	031487	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	1A	031487	CALCIUM		1870.0000	UGL	EE
YSB	1A	031487	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	031487	CHLORIDE		2000.0000	UGL	EE
YSB	1A	031487	SPECIFIC CONDUCTANCE		41.0000	UMEC	FD
YSB	1A	031487	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	031487	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	031487	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	031487	IRON		26.0000	UGL	EE
YSB	1A	031487	MERCURY	LT	0.2000	UGL	EE
YSB	1A	031487	POTASSIUM		820.0000	UGL	EE
YSB	1A	031487	MAGNESIUM		447.0000	UGL	EE
YSB	1A	031487	MANGANESE		2.0000	UGL	EE
YSB	1A	031487	SODIUM		4570.0000	UGL	EE
YSB	1A	031487	NICKEL	LT	4.0000	UGL	EE
YSB	1A	031487	NITRATE AS NITROGEN		1730.0000	UGL	EE
YSB	1A	031487	LEAD	LT	6.0000	UGL	EE
YSB	1A	031487	PH		5.2000	PH	FD
YSB	1A	031487	PHENOLS	LT	2.0000	UGL	EE
YSB	1A	031487	SELENIUM	LT	2.0000	UGL	EE
YSB	1A	031487	SILICA		4240.0000	UGL	EE
YSB	1A	031487	SULFATE	LT	3000.0000	UGL	EE
YSB	1A	031487	TOTAL DISSOLVED SOLIDS		14000.0000	UGL	EE
YSB	1A	031487	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	1A	031487	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	1A	031487	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	031487	TOTAL PHOSPHATES		40.0000	UGL	EE
YSB	1A	031487	TRITIUM		3.7800	PCL	RM
YSB	1A	031487	ZINC		24.0000	UGL	EE
YSB	1A	050487	SPECIFIC CONDUCTANCE		40.0000	UMEC	FD
YSB	1A	050487	PH		5.0000	PH	FD

YSB	1A	050487	TOTAL PHOSPHATES		160.0000	UGL	EE
YSB	1A	073087	GROSS ALPHA		1.5000	PCL	RM
YSB	1A	073087	GROSS ALPHA		1.6000	PCL	RM
YSB	1A	073087	NONVOLATILE BETA		3.3000	PCL	RM
YSB	1A	073087	NONVOLATILE BETA		1.7000	PCL	RM
YSB	1A	073087	SPECIFIC CONDUCTANCE		37.0000	UMHC	FD
YSB	1A	073087	IRON		49.0000	UGL	EE
YSB	1A	073087	IRON		47.0000	UGL	EE
YSB	1A	073087	MERCURY	LT	0.2000	UGL	EE
YSB	1A	073087	SODIUM		3180.0000	UGL	EE
YSB	1A	073087	SODIUM		3210.0000	UGL	EE
YSB	1A	073087	NICKEL	LT	4.0000	UGL	EE
YSB	1A	073087	NICKEL	LT	4.0000	UGL	EE
YSB	1A	073087	NITRATE AS NITROGEN		1170.0000	UGL	EE
YSB	1A	073087	PH		6.0000	PH	FD
YSB	1A	073087	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	1A	073087	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	1A	073087	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	1A	073087	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	073087	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	1A	100987	SPECIFIC CONDUCTANCE		45.0000	UMHC	FD
YSB	1A	100987	PH		5.8000	PH	FD
YSB	1A	020888	GROSS ALPHA		1.5000	PCL	EE
YSB	1A	020888	NONVOLATILE BETA		2.8000	PCL	EE
YSB	1A	020888	CHLORIDE		1300.0000	UGL	EE
YSB	1A	020888	SPECIFIC CONDUCTANCE		35.0000	UMHC	FD
YSB	1A	020888	IRON		8.0000	UGL	EE
YSB	1A	020888	IRON		8.0000	UGL	EE
YSB	1A	020888	SODIUM		2800.0000	UGL	EE
YSB	1A	020888	SODIUM		2760.0000	UGL	EE
YSB	1A	020888	NITRATE AS NITROGEN		1070.0000	UGL	EE
YSB	1A	020888	NITRATE AS NITROGEN		1090.0000	UGL	EE
YSB	1A	020888	PH		5.7000	PH	FD
YSB	1A	020888	SULFATE	LT	5000.0000	UGL	EE
YSB	1A	020888	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	1A	020888	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	1A	020888	ZINC		43.0000	UGL	EE
YSB	1A	020888	ZINC		51.0000	UGL	EE
YSB	1A	052188	SPECIFIC CONDUCTANCE		37.0000	UMHC	FD
YSB	1A	052188	PH		6.0000	PH	FD
YSB	1A	080288	SILVER	LT	2.0000	UGL	EE
YSB	1A	080288	GROSS ALPHA		0.8600	PCL	EE
YSB	1A	080288	ARSENIC	LT	2.0000	UGL	EE
YSB	1A	080288	BARIUM		9.0000	UGL	EE
YSB	1A	080288	BARIUM		8.0000	UGL	EE
YSB	1A	080288	BERYLLIUM	LT	5.0000	UGL	EE
YSB	1A	080288	BERYLLIUM	LT	5.0000	UGL	EE
YSB	1A	080288	NONVOLATILE BETA		2.0000	PCL	EE
YSB	1A	080288	CALCIUM		2920.0000	UGL	EE
YSB	1A	080288	CALCIUM		3090.0000	UGL	EE
YSB	1A	080288	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	1A	080288	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	080288	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	080288	CHLOROFORM	LT	1.0000	UGL	EE
YSB	1A	080288	CHLORIDE		3600.0000	UGL	EE
YSB	1A	080288	SPECIFIC CONDUCTANCE		38.0000	UMHC	FD
YSB	1A	080288	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	080288	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	080288	COPPER	LT	4.0000	UGL	EE
YSB	1A	080288	COPPER	LT	4.0000	UGL	EE
YSB	1A	080288	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	080288	IRON		51.0000	UGL	EE
YSB	1A	080288	MERCURY	LT	0.2000	UGL	EE
YSB	1A	080288	POTASSIUM		932.0000	UGL	EE
YSB	1A	080288	MAGNESIUM		259.0000	UGL	EE
YSB	1A	080288	MAGNESIUM		262.0000	UGL	EE
YSB	1A	080288	MANGANESE		5.0000	UGL	EE
YSB	1A	080288	MANGANESE		5.0000	UGL	EE
YSB	1A	080288	SODIUM		2680.0000	UGL	EE
YSB	1A	080288	SODIUM		2520.0000	UGL	EE
YSB	1A	080288	NICKEL	LT	4.0000	UGL	EE
YSB	1A	080288	NICKEL	LT	4.0000	UGL	EE
YSB	1A	080288	NITRATE AS NITROGEN		1160.0000	UGL	EE
YSB	1A	080288	LEAD	LT	6.0000	UGL	EE
YSB	1A	080288	LEAD		9.0000	UGL	EE
YSB	1A	080288	PH		5.7000	PH	FD
YSB	1A	080288	PHENOLS	LT	5.0000	UGL	EE
YSB	1A	080288	SELENIUM	LT	2.0000	UGL	EE
YSB	1A	080288	SILICA		4310.0000	UGL	EE
YSB	1A	080288	SULFATE	LT	5000.0000	UGL	EE

YSB	1A	080288	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	1A	080288	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	1A	080288	TOTAL RADIUM	LT	1.0000	PCL	EE
YSB	1A	080288	TOTAL ORGANIC HALOGENS		237.0000	UGL	EE
YSB	1A	080288	TOTAL PHOSPHATES		60.0000	UGL	EE
YSB	1A	080288	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	1A	080288	TRITIUM		1.6500	PCML	EE
YSB	1A	080288	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE
YSB	1A	080288	ZINC		35.0000	UGL	EE
YSB	1A	122688	SILVER	LT	2.0000	UGL	EE
YSB	1A	122688	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	1A	122688	ARSENIC	LT	2.0000	UGL	EE
YSB	1A	122688	BARIUM		10.0000	UGL	EE
YSB	1A	122688	BARIUM		10.0000	UGL	EE
YSB	1A	122688	NONVOLATILE BETA		1.2100	PCL	RM
YSB	1A	122688	BROMODICHLOROMETHANE	LT	5.0000	UGL	EE
YSB	1A	122688	TRICHLOROFLUOROMETHANE	LT	5.0000	UGL	EE
YSB	1A	122688	CARBON TETRACHLORIDE	LT	5.0000	UGL	EE
YSB	1A	122688	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	122688	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	122688	BROMOFORM	LT	10.0000	UGL	EE
YSB	1A	122688	CHLOROFORM	LT	5.0000	UGL	EE
YSB	1A	122688	METHYLENE CHLORIDE	LT	5.0000	UGL	EE
YSB	1A	122688	BROMOMETHANE	LT	10.0000	UGL	EE
YSB	1A	122688	CHLOROMETHANE	LT	10.0000	UGL	EE
YSB	1A	122688	CHLORIDE		3700.0000	UGL	EE
YSB	1A	122688	CHLOROBENZENE	LT	5.0000	UGL	EE
YSB	1A	122688	SPECIFIC CONDUCTANCE		40.0000	UMHC	FD
YSB	1A	122688	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	122688	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	122688	CHLOROETHENE	LT	10.0000	UGL	EE
YSB	1A	122688	CHLOROETHANE	LT	10.0000	UGL	EE
YSB	1A	122688	BENZENE	LT	5.0000	UGL	EE
YSB	1A	122688	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	EE
YSB	1A	122688	ETHYLBENZENE	LT	5.0000	UGL	EE
YSB	1A	122688	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	122688	IRON		48.0000	UGL	EE
YSB	1A	122688	IRON		48.0000	UGL	EE
YSB	1A	122688	MERCURY	LT	0.2000	UGL	EE
YSB	1A	122688	TOLUENE-D8		107.0000	PER	EE
YSB	1A	122688	TOLUENE	LT	5.0000	UGL	EE
YSB	1A	122688	MANGANESE		4.0000	UGL	EE
YSB	1A	122688	MANGANESE		4.0000	UGL	EE
YSB	1A	122688	SODIUM		2850.0000	UGL	EE
YSB	1A	122688	SODIUM		2940.0000	UGL	EE
YSB	1A	122688	NITRATE AS NITROGEN		1120.0000	UGL	EE
YSB	1A	122688	LEAD	LT	6.0000	UGL	EE
YSB	1A	122688	LEAD	LT	6.0000	UGL	EE
YSB	1A	122688	P-BROMOFLUOROBENZENE		102.0000	PER	EE
YSB	1A	122688	PH		5.7000	PH	FD
YSB	1A	122688	PHENOLS	LT	5.0000	UGL	EE
YSB	1A	122688	SELENIUM	LT	2.0000	UGL	EE
YSB	1A	122688	SULFATE	LT	5000.0000	UGL	EE
YSB	1A	122688	1,1,2,2-TETRACHLOROETHANE	LT	10.0000	UGL	EE
YSB	1A	122688	TETRACHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	1A	122688	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	1A	127088	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	1A	122688	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	122688	TRICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	1A	122688	TRANS-1,2-DICHLOROETHENE	LT	5.0000	UGL	EE
YSB	1A	122688	1,1-DICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	1A	122688	1,1-DICHLOROETHANE	LT	5.0000	UGL	EE
YSB	1A	122688	1,1,1-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	1A	122688	1,1,2-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	1A	122688	1,2-DICHLOROETHANE-D4		106.0000	PER	EE
YSB	1A	122688	1,2-DICHLOROETHANE	LT	1.0000	UGL	EE
YSB	1A	122688	1,2-DICHLOROPROPANE	LT	10.0000	UGL	EE
YSB	1A	122688	CIS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	1A	122688	TRANS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	1A	122688	2-CHLOROETHYL VINYL ETHER	LT	10.0000	UGL	EE
YSB	1A	031689	SILVER	LT	2.0000	UGL	EE
YSB	1A	031689	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	1A	031689	ARSENIC	LT	2.0000	UGL	EE
YSB	1A	031689	BARIUM		8.0000	UGL	EE
YSB	1A	031689	NONVOLATILE BETA		1.5400	PCL	RM
YSB	1A	031689	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	1A	031689	CADMIUM	LT	2.0000	UGL	EE
YSB	1A	031689	CHLOROFORM	LT	1.0000	UGL	EE
YSB	1A	031689	CHLORIDE		3400.0000	UGL	EE
YSB	1A	031689	SPECIFIC CONDUCTANCE		42.0000	UMHC	FD

YSB	1A	031689	CHROMIUM	LT	4.0000	UGL	EE
YSB	1A	031689	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	031689	IRON		54.0000	UGL	EE
YSB	1A	031689	MERCURY	LT	0.2000	UGL	EE
YSB	1A	031689	SODIUM		2320.0000	UGL	EE
YSB	1A	031689	NITRATE AS NITROGEN		1040.0000	UGL	EE
YSB	1A	031689	LEAD	LT	8.0000	UGL	EE
YSB	1A	031689	PH		5.6000	PH	FD
YSB	1A	031689	SELENIUM	LT	2.0000	UGL	EE
YSB	1A	031689	SULFATE	LT	5000.0000	UGL	EE
YSB	1A	031689	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	1A	031689	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	1A	031689	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	1A	031689	TOTAL PHOSPHATES		87.0000	UGL	EE
YSB	1A	031689	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	1A	031689	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE

T-Test Data

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
1	YSB	1A	30585	BARIUM	7.50
2	YSB	1A	31487	BARIUM	13.00
3	YSB	1A	31889	BARIUM	8.00
4	YSB	1A	72684	BARIUM	10.00
5	YSB	1A	80288	BARIUM	8.50
6	YSB	1A	102984	BARIUM	11.00
7	YSB	1A	122888	BARIUM	10.00
8	YSB	2A	30585	BARIUM	10.00
9	YSB	2A	31487	BARIUM	14.00
10	YSB	2A	31889	BARIUM	11.00
11	YSB	2A	72684	BARIUM	6.00
12	YSB	2A	82088	BARIUM	8.00
13	YSB	2A	102984	BARIUM	10.00
14	YSB	2A	122888	BARIUM	11.00
15	YSB	1A	20888	CHLORIDE	1300.00
16	YSB	1A	30585	CHLORIDE	5830.00
17	YSB	1A	31487	CHLORIDE	2000.00
18	YSB	1A	31889	CHLORIDE	3400.00
19	YSB	1A	32886	CHLORIDE	4000.00
20	YSB	1A	72684	CHLORIDE	3820.00
21	YSB	1A	80288	CHLORIDE	3600.00
22	YSB	1A	102984	CHLORIDE	4500.00
23	YSB	1A	122888	CHLORIDE	3700.00
24	YSB	2A	20888	CHLORIDE	3200.00
25	YSB	2A	30585	CHLORIDE	12630.00
26	YSB	2A	31487	CHLORIDE	3800.00
27	YSB	2A	31889	CHLORIDE	5000.00
28	YSB	2A	32886	CHLORIDE	4300.00
29	YSB	2A	72684	CHLORIDE	4840.00
30	YSB	2A	82088	CHLORIDE	4500.00
31	YSB	2A	102984	CHLORIDE	4250.00
32	YSB	2A	122888	CHLORIDE	4500.00
33	YSB	1A	20888	IRON	8.00
34	YSB	1A	30585	IRON	75.50
35	YSB	1A	31487	IRON	26.00
36	YSB	1A	31889	IRON	54.00
37	YSB	1A	32886	IRON	1040.00
38	YSB	1A	72684	IRON	19.00
39	YSB	1A	73087	IRON	48.00
40	YSB	1A	80288	IRON	51.00
41	YSB	1A	102984	IRON	18.00
42	YSB	1A	122888	IRON	47.00
43	YSB	2A	20888	IRON	48.00
44	YSB	2A	30585	IRON	184.00
45	YSB	2A	31487	IRON	90.00
46	YSB	2A	31889	IRON	62.00
47	YSB	2A	32886	IRON	71.00
48	YSB	2A	72684	IRON	136.00
49	YSB	2A	73087	IRON	90.00
50	YSB	2A	82088	IRON	106.33
51	YSB	2A	102984	IRON	26.00
52	YSB	2A	122888	IRON	68.00
53	YSB	1A	30585	MANGANESE	4.00
54	YSB	1A	31487	MANGANESE	2.00

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
55	YSB	1A	32886	MANGANESE	4.0
56	YSB	1A	72684	MANGANESE	7.0
57	YSB	1A	80288	MANGANESE	5.0
58	YSB	1A	102984	MANGANESE	4.0
59	YSB	1A	122688	MANGANESE	4.0
60	YSB	2A	30585	MANGANESE	4.0
61	YSB	2A	31487	MANGANESE	3.0
62	YSB	2A	32886	MANGANESE	1.0
63	YSB	2A	72684	MANGANESE	3.0
64	YSB	2A	82088	MANGANESE	2.0
65	YSB	2A	102984	MANGANESE	2.0
66	YSB	2A	122688	MANGANESE	3.0
67	YSB	1A	20888	NITRATE AS NITROGEN	1080.0
68	YSB	1A	30585	NITRATE AS NITROGEN	970.0
69	YSB	1A	31487	NITRATE AS NITROGEN	1730.0
70	YSB	1A	31689	NITRATE AS NITROGEN	1040.0
71	YSB	1A	32886	NITRATE AS NITROGEN	1000.0
72	YSB	1A	42485	NITRATE AS NITROGEN	980.0
73	YSB	1A	72385	NITRATE AS NITROGEN	1000.0
74	YSB	1A	72684	NITRATE AS NITROGEN	900.0
75	YSB	1A	73087	NITRATE AS NITROGEN	1170.0
76	YSB	1A	80288	NITRATE AS NITROGEN	1160.0
77	YSB	1A	92086	NITRATE AS NITROGEN	990.0
78	YSB	1A	102984	NITRATE AS NITROGEN	1300.0
79	YSB	1A	110585	NITRATE AS NITROGEN	930.0
80	YSB	1A	112286	NITRATE AS NITROGEN	1010.0
81	YSB	1A	122688	NITRATE AS NITROGEN	1120.0
82	YSB	2A	20888	NITRATE AS NITROGEN	820.0
83	YSB	2A	30585	NITRATE AS NITROGEN	850.0
84	YSB	2A	31487	NITRATE AS NITROGEN	950.0
85	YSB	2A	31689	NITRATE AS NITROGEN	881.0
86	YSB	2A	32886	NITRATE AS NITROGEN	870.0
87	YSB	2A	42485	NITRATE AS NITROGEN	850.0
88	YSB	2A	72285	NITRATE AS NITROGEN	735.0
89	YSB	2A	72684	NITRATE AS NITROGEN	730.0
90	YSB	2A	73087	NITRATE AS NITROGEN	1110.0
91	YSB	2A	82088	NITRATE AS NITROGEN	820.0
92	YSB	2A	92086	NITRATE AS NITROGEN	810.0
93	YSB	2A	102984	NITRATE AS NITROGEN	930.0
94	YSB	2A	110585	NITRATE AS NITROGEN	1700.0
95	YSB	2A	112286	NITRATE AS NITROGEN	875.0
96	YSB	2A	122688	NITRATE AS NITROGEN	950.0
97	YSB	1A	20888	NONVOLATILE BETA	3.0
98	YSB	1A	30585	NONVOLATILE BETA	12.0
99	YSB	1A	31487	NONVOLATILE BETA	1.0
100	YSB	1A	31689	NONVOLATILE BETA	2.0
101	YSB	1A	32886	NONVOLATILE BETA	5.0
102	YSB	1A	72684	NONVOLATILE BETA	1.5
103	YSB	1A	73087	NONVOLATILE BETA	2.5
104	YSB	1A	80288	NONVOLATILE BETA	2.0
105	YSB	1A	102984	NONVOLATILE BETA	1.5
106	YSB	1A	112286	NONVOLATILE BETA	1.0
107	YSB	1A	122688	NONVOLATILE BETA	1.0
108	YSB	1A	20888	PH	6.0

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
109	YSB	1A	30585	PH	5
110	YSB	1A	31084	PH	4
111	YSB	1A	31487	PH	5
112	YSB	1A	31889	PH	6
113	YSB	1A	32886	PH	6
114	YSB	1A	42485	PH	5
115	YSB	1A	42584	PH	6
116	YSB	1A	43086	PH	5
117	YSB	1A	50487	PH	5
118	YSB	1A	52186	PH	6
119	YSB	1A	72385	PH	5
120	YSB	1A	72684	PH	5
121	YSB	1A	73087	PH	6
122	YSB	1A	80288	PH	6
123	YSB	1A	92086	PH	6
124	YSB	1A	100987	PH	6
125	YSB	1A	102984	PH	6
126	YSB	1A	110585	PH	5
127	YSB	1A	112286	PH	5
128	YSB	1A	122688	PH	6
129	YSB	2A	20888	PH	6
130	YSB	2A	30585	PH	5
131	YSB	2A	31084	PH	4
132	YSB	2A	31487	PH	5
133	YSB	2A	31889	PH	5
134	YSB	2A	32886	PH	5
135	YSB	2A	42485	PH	5
136	YSB	2A	42584	PH	5
137	YSB	2A	43086	PH	5
138	YSB	2A	50487	PH	5
139	YSB	2A	52186	PH	6
140	YSB	2A	72285	PH	5
141	YSB	2A	72684	PH	5
142	YSB	2A	73087	PH	6
143	YSB	2A	80288	PH	5
144	YSB	2A	92086	PH	5
145	YSB	2A	100987	PH	5
146	YSB	2A	102984	PH	4
147	YSB	2A	110585	PH	5
148	YSB	2A	112286	PH	5
149	YSB	2A	122688	PH	6
150	YSB	1A	20888	SODIUM	2780
151	YSB	1A	30585	SODIUM	2340
152	YSB	1A	31487	SODIUM	4570
153	YSB	1A	31889	SODIUM	2320
154	YSB	1A	32886	SODIUM	2500
155	YSB	1A	42485	SODIUM	2585
156	YSB	1A	72385	SODIUM	2730
157	YSB	1A	72684	SODIUM	1690
158	YSB	1A	73087	SODIUM	3195
159	YSB	1A	80288	SODIUM	2600
160	YSB	1A	92086	SODIUM	2360
161	YSB	1A	102984	SODIUM	2480
162	YSB	1A	110585	SODIUM	4390

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
163	YSB	1A	112286	SODIUM	2670
164	YSB	1A	122888	SODIUM	2895
165	YSB	2A	20888	SODIUM	4190
166	YSB	2A	30585	SODIUM	5580
167	YSB	2A	31487	SODIUM	7530
168	YSB	2A	31689	SODIUM	3530
169	YSB	2A	32886	SODIUM	4440
170	YSB	2A	42485	SODIUM	3430
171	YSB	2A	72285	SODIUM	4150
172	YSB	2A	72884	SODIUM	20800
173	YSB	2A	73087	SODIUM	5040
174	YSB	2A	82088	SODIUM	3750
175	YSB	2A	92086	SODIUM	3740
176	YSB	2A	102984	SODIUM	3690
177	YSB	2A	110585	SODIUM	4070
178	YSB	2A	112286	SODIUM	4340
179	YSB	2A	122888	SODIUM	4380
180	YSB	1A	20888	SPECIFIC CONDUCTANCE	35
181	YSB	1A	30585	SPECIFIC CONDUCTANCE	38
182	YSB	1A	31084	SPECIFIC CONDUCTANCE	25
183	YSB	1A	31487	SPECIFIC CONDUCTANCE	41
184	YSB	1A	31689	SPECIFIC CONDUCTANCE	42
185	YSB	1A	32886	SPECIFIC CONDUCTANCE	30
186	YSB	1A	42485	SPECIFIC CONDUCTANCE	22
187	YSB	1A	42584	SPECIFIC CONDUCTANCE	24
188	YSB	1A	43086	SPECIFIC CONDUCTANCE	29
189	YSB	1A	50487	SPECIFIC CONDUCTANCE	40
190	YSB	1A	52188	SPECIFIC CONDUCTANCE	37
191	YSB	1A	72385	SPECIFIC CONDUCTANCE	70
192	YSB	1A	72884	SPECIFIC CONDUCTANCE	22
193	YSB	1A	73087	SPECIFIC CONDUCTANCE	37
194	YSB	1A	80288	SPECIFIC CONDUCTANCE	38
195	YSB	1A	92086	SPECIFIC CONDUCTANCE	34
196	YSB	1A	100987	SPECIFIC CONDUCTANCE	45
197	YSB	1A	102984	SPECIFIC CONDUCTANCE	52
198	YSB	1A	110585	SPECIFIC CONDUCTANCE	28
199	YSB	1A	112286	SPECIFIC CONDUCTANCE	43
200	YSB	1A	122888	SPECIFIC CONDUCTANCE	40
201	YSB	2A	20888	SPECIFIC CONDUCTANCE	40
202	YSB	2A	30585	SPECIFIC CONDUCTANCE	67
203	YSB	2A	31084	SPECIFIC CONDUCTANCE	38
204	YSB	2A	31487	SPECIFIC CONDUCTANCE	51
205	YSB	2A	31689	SPECIFIC CONDUCTANCE	44
206	YSB	2A	32886	SPECIFIC CONDUCTANCE	31
207	YSB	2A	42485	SPECIFIC CONDUCTANCE	41
208	YSB	2A	42584	SPECIFIC CONDUCTANCE	45
209	YSB	2A	43086	SPECIFIC CONDUCTANCE	39
210	YSB	2A	50487	SPECIFIC CONDUCTANCE	51
211	YSB	2A	52188	SPECIFIC CONDUCTANCE	44
212	YSB	2A	72285	SPECIFIC CONDUCTANCE	38
213	YSB	2A	72884	SPECIFIC CONDUCTANCE	61
214	YSB	2A	73087	SPECIFIC CONDUCTANCE	44
215	YSB	2A	82088	SPECIFIC CONDUCTANCE	44
216	YSB	2A	92086	SPECIFIC CONDUCTANCE	38

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
217	YSB	2A	100987	SPECIFIC CONDUCTANCE	49.000
218	YSB	2A	102984	SPECIFIC CONDUCTANCE	82.000
219	YSB	2A	110583	SPECIFIC CONDUCTANCE	30.000
220	YSB	2A	112288	SPECIFIC CONDUCTANCE	47.000
221	YSB	2A	122888	SPECIFIC CONDUCTANCE	44.000
222	YSB	1A	20888	TOTAL PHOSPHATES	10.000
223	YSB	1A	31487	TOTAL PHOSPHATES	40.000
224	YSB	1A	31889	TOTAL PHOSPHATES	87.000
225	YSB	1A	50487	TOTAL PHOSPHATES	180.000
226	YSB	1A	73087	TOTAL PHOSPHATES	10.000
227	YSB	1A	80288	TOTAL PHOSPHATES	80.000
228	YSB	1A	112288	TOTAL PHOSPHATES	78.000
229	YSB	2A	20888	TOTAL PHOSPHATES	50.000
230	YSB	2A	31487	TOTAL PHOSPHATES	30.000
231	YSB	2A	31889	TOTAL PHOSPHATES	10.000
232	YSB	2A	50487	TOTAL PHOSPHATES	30.000
233	YSB	2A	73087	TOTAL PHOSPHATES	20.000
234	YSB	2A	82088	TOTAL PHOSPHATES	10.000
235	YSB	2A	112288	TOTAL PHOSPHATES	27.000
236	YSB	1A	20888	ZINC	47.000
237	YSB	1A	31487	ZINC	24.000
238	YSB	1A	43088	ZINC	5.000
239	YSB	1A	72884	ZINC	91.000
240	YSB	1A	80288	ZINC	35.000
241	YSB	1A	102984	ZINC	15.000
242	YSB	2A	20888	ZINC	35.000
243	YSB	2A	31487	ZINC	23.000
244	YSB	2A	43088	ZINC	12.000
245	YSB	2A	72884	ZINC	38.000
246	YSB	2A	82088	ZINC	19.333
247	YSB	2A	102984	ZINC	28.000

Statistical Comparison

SAS 15:37 Thursday, August 3, 1989 48

TTEST PROCEDURE

***** TESTNAME=BARIUM *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	7	9.71428571	1.91174318	0.72257100	7.50000000	13.00000000
2A	7	10.00000000	2.51861148	0.95118973	6.00000000	14.00000000

Variances	T	Method	DF	Prob> T
Unequal	-0.2392	Satterthwaite	11.2	0.8153
		Cochran	6.0	0.8189
Equal	-0.2392		12.0	0.8150

For H0: Variances are equal, F' = 1.73 DF = (6,6) Prob>F' = 0.5208

***** TESTNAME=CHLORIDE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	9	3572.222222	1317.400839	439.1335484	1300.000000	5830.000000
2A	9	5235.555556	2822.800520	940.9335088	3200.000000	12630.000000

Variances	T	Method	DF	Prob> T
Unequal	-1.8019	Satterthwaite	11.3	0.1387
		Cochran	8.0	0.1478
Equal	-1.8019		18.0	0.1287

For H0: Variances are equal, F' = 4.59 DF = (8,8) Prob>F' = 0.0452

***** TESTNAME=IRON *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	10	138.8500000	317.3708254	100.3614039	8.00000000	1040.000000
2A	10	88.1333333	45.5498473	14.4040832	26.00000000	184.0000000

Variances	T	Method	DF	Prob> T
Unequal	0.4982	Satterthwaite	9.4	0.6298
		Cochran	9.0	0.6303
Equal	0.4982		18.0	0.6243

For H0: Variances are equal, F' = 48.55 DF = (9,9) Prob>F' = 0.0000

***** TESTNAME=MANGANESE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	7	4.28571429	1.49802848	0.58544486	2.00000000	7.00000000
2A	7	2.57142857	0.97590007	0.36885556	1.00000000	4.00000000

Variances	T	Method	DF	Prob> T
Unequal	2.5392	Satterthwaite	10.3	0.0288
		Cochran	6.0	0.0441
Equal	2.5392		12.0	0.0260

For H0: Variances are equal, F' = 2.35 DF = (6,6) Prob>F' = 0.3222

***** TESTNAME=NITRATE AS NITROGEN *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	15	1092.000000	205.1549937	52.97079159	900.0000000	1730.000000
2A	15	925.400000	233.6409944	60.32584537	730.0000000	1700.000000

Variances	T	Method	DF	Prob> T
Unequal	2.0752	Satterthwaite	27.5	0.0474
		Cochran	14.0	0.0569
Equal	2.0752		28.0	0.0473

For H0: Variances are equal, $F' = 1.30$ DF = (14,14) Prob>F' = 0.6332

***** TESTNAME=PH *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	21	5.47619048	0.60135521	0.13127655	4.00000000	6.00000000
2A	21	5.09523810	0.53895843	0.11761037	4.00000000	6.00000000

Variances	T	Method	DF	Prob> T
Unequal	2.1614	Satterthwaite	39.5	0.0368
		Cochran	20.0	0.0430
Equal	2.1614		40.0	0.0367

For H0: Variances are equal, $F' = 1.25$ DF = (20,20) Prob>F' = 0.6277

***** TESTNAME=SODIUM *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	15	2807.000000	755.837857	195.104856	1690.000000	4570.00000
2A	15	5510.666667	4353.457520	1124.057898	3430.000000	20800.00000

Variances	T	Method	DF	Prob> T
Unequal	-2.3698	Satterthwaite	14.6	0.0318
		Cochran	14.0	0.0327
Equal	-2.3698		28.0	0.0249

For H0: Variances are equal, $F' = 33.19$ DF = (14,14) Prob>F' = 0.0000

***** TESTNAME=SPECIFIC CONDUCTANCE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	21	36.76190476	11.05398011	2.41217622	22.00000000	70.00000000
2A	21	45.14285714	9.40896229	2.05320390	30.00000000	67.00000000

Variances	T	Method	DF	Prob> T
Unequal	-2.6456	Satterthwaite	39.0	0.0117
		Cochran	20.0	0.0155
Equal	-2.6456		40.0	0.0116

For H0: Variances are equal, $F' = 1.36$ DF = (20,20) Prob>F' = 0.4776

***** TESTNAME=TOTAL PHOSPHATES *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	7	63.57142857	52.22342113	19.73859785	10.00000000	180.0000000
2A	7	25.28571429	13.86499532	5.24047565	10.00000000	50.0000000

Variances	T	Method	DF	Prob> T
Unequal	1.8747	Satterthwaite	8.8	0.1041
		Cochran	8.0	0.1100
Equal	1.8747		12.0	0.0854

For H0: Variances are equal, F' = 14.19 DF = (6,6) Prob>F' = 0.0052

***** TESTNAME=ZINC *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
1A	8	36.18888887	30.63803543	12.50710909	5.00000000	91.00000000
2A	8	25.88888889	9.78131249	3.99320410	12.00000000	38.00000000

Variances	T	Method	DF	Prob> T
Unequal	0.7828	Satterthwaite	8.0	0.4635
		Cochran	5.0	0.4862
Equal	0.7828		10.0	0.4519

For H0: Variances are equal, F' = 9.81 DF = (5,5) Prob>F' = 0.0255

GROUNDWATER MONITORING WELL

YSB3A

Raw Data

YSB	3A	031084	SPECIFIC CONDUCTANCE		185.0000	UMHC	FD
YSB	3A	031084	PH		4.7000	ZH	FD
YSB	3A	042584	SPECIFIC CONDUCTANCE		140.0000	UMHC	FD
YSB	3A	042584	PH		5.6000	PH	FD
YSB	3A	072684	SILVER	LT	10.0000	UGL	EE
YSB	3A	072684	SILVER	LT	10.0000	UGL	EE
YSB	3A	072684	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	3A	072684	ARSENIC	LT	1.0000	UGL	EE
YSB	3A	072684	BARIUM		21.0000	UGL	EE
YSB	3A	072684	BARIUM		23.0000	UGL	EE
YSB	3A	072684	BERYLLIUM	LT	2.0000	UGL	EE
YSB	3A	072684	BERYLLIUM	LT	2.0000	UGL	EE
YSB	3A	072684	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	3A	072684	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	072684	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	072684	CHLORIDE		3220.0000	UGL	EE
YSB	3A	072684	COLOR		0.0000	APC	EE
YSB	3A	072684	SPECIFIC CONDUCTANCE		240.0000	UMHC	FD
YSB	3A	072684	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	072684	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	072684	COPPER	LT	4.0000	UGL	EE
YSB	3A	072684	COPPER	LT	4.0000	UGL	EE
YSB	3A	072684	CYANIDE	LT	5.0000	UGL	EE
YSB	3A	072684	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	3A	072684	ENDRIN	LT	0.0400	UGL	EE
YSB	3A	072684	FLUORIDE		190.0000	UGL	EE
YSB	3A	072684	IRON	LT	4.0000	UGL	EE
YSB	3A	072684	IRON		62.0000	UGL	EE
YSB	3A	072684	GC SCAN	LT	40.0000	UGL	EE
YSB	3A	072684	GC SCAN	LT	40.0000	UGL	EE
YSB	3A	072684	MERCURY	LT	0.2000	UGL	EE
YSB	3A	072684	LINDANE	LT	1.0000	UGL	EE
YSB	3A	072684	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	3A	072684	MANGANESE		3.0000	UGL	EE
YSB	3A	072684	MANGANESE		5.0000	UGL	EE
YSB	3A	072684	SODIUM		2400.0000	UGL	EE
YSB	3A	072684	SODIUM		2250.0000	UGL	EE
YSB	3A	072684	NICKEL	LT	4.0000	UGL	EE
YSB	3A	072684	NICKEL	LT	4.0000	UGL	EE
YSB	3A	072684	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	3A	072684	NITRATE AS NITROGEN		700.0000	UGL	EE
YSB	3A	072684	ODOR		0.0000	TBON	EE
YSB	3A	072684	LEAD	LT	4.0000	UGL	EE
YSB	3A	072684	LEAD	LT	4.0000	UGL	EE
YSB	3A	072684	PH		5.5000	PH	FD
YSB	3A	072684	PHENOLS		5.0000	UGL	EE
YSB	3A	072684	SELENIUM	LT	1.0000	UGL	EE
YSB	3A	072684	SILVER	LT	2.0000	UGL	EE
YSB	3A	072684	SULFATE	LT	10000.0000	UGL	EE
YSB	3A	072684	SULFIDE	LT	1000.0000	UGL	EE
YSB	3A	072684	SURFACTANTS	LT	10.0000	UGL	EE
YSB	3A	072684	TOTAL DISSOLVED SOLIDS		14000.0000	UGL	EE
YSB	3A	072684	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	3A	072684	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	3A	072684	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	MM
YSB	3A	072684	TURBIDITY		4.3000	TU	EE
YSB	3A	072684	TOXAPHENE	LT	1.0000	UGL	EE
YSB	3A	072684	2,4-DICHLOROPHENOXACETIC ACID	LT	20.0000	UGL	EE
YSB	3A	072684	ZINC		22.0000	UGL	EE
YSB	3A	072684	ZINC		329.0000	UGL	EE
YSB	3A	102984	SILVER	LT	2.0000	UGL	EE
YSB	3A	102984	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	3A	102984	ARSENIC	LT	1.0000	UGL	EE
YSB	3A	102984	BARIUM		6.0000	UGL	EE
YSB	3A	102984	BERYLLIUM	LT	2.0000	UGL	EE
YSB	3A	102984	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	3A	102984	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	102984	CHLORIDE		3500.0000	UGL	EE
YSB	3A	102984	COLOR		0.0000	APC	EE
YSB	3A	102984	SPECIFIC CONDUCTANCE		280.0000	UMHC	FD
YSB	3A	102984	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	102984	COPPER	LT	4.0000	UGL	EE
YSB	3A	102984	CYANIDE	LT	5.0000	UGL	EE
YSB	3A	102984	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	3A	102984	ENDRIN	LT	0.0400	UGL	EE
YSB	3A	102984	FLUORIDE	LT	100.0000	UGL	EE
YSB	3A	102984	IRON		56.0000	UGL	EE
YSB	3A	102984	GC SCAN	LT	40.0000	UGL	EE
YSB	3A	102984	MERCURY	LT	0.2000	UGL	EE
YSB	3A	102984	LINDANE	LT	1.0000	UGL	EE

YSB	3A	102984	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	3A	102984	MANGANESE		3.0000	UGL	EE
YSB	3A	102984	SODIUM		41400.0000	UGL	EE
YSB	3A	102984	NICKEL	LT	4.0000	UGL	EE
YSB	3A	102984	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	3A	102984	NITRATE AS NITROGEN		640.0000	UGL	EE
YSB	3A	102984	ODOR		0.0000	THOM	EE
YSB	3A	102984	LEAD	LT	4.0000	UGL	EE
YSB	3A	102984	PH		5.5000	PH	FD
YSB	3A	102984	PHENOLS		8.0000	UGL	EE
YSB	3A	102984	SELENIUM	LT	1.0000	UGL	EE
YSB	3A	102984	SILVEX	LT	2.0000	UGL	EE
YSB	3A	102984	SULFATE		30000.0000	UGL	EE
YSB	3A	102984	SULFIDE	LT	1000.0000	UGL	EE
YSB	3A	102984	SURFACTANTS	LT	10.0000	UGL	EE
YSB	3A	102984	SURFACTANTS	LT	10.0000	UGL	EE
YSB	3A	102984	SURFACTANTS	LT	10.0000	UGL	EE
YSB	3A	102984	TOTAL DISSOLVED SOLIDS		98000.0000	UGL	EE
YSB	3A	102984	TOTAL ORGANIC CARBON		5400.0000	UGL	EE
YSB	3A	102984	TOTAL ORGANIC CARBON		6400.0000	UGL	EE
YSB	3A	102984	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	3A	102984	TOTAL ORGANIC HALOGENS		25.0000	UGL	MM
YSB	3A	102984	TURBIDITY		2.5000	TU	EE
YSB	3A	102984	TOXAPHENE	LT	1.0000	UGL	EE
YSB	3A	102984	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	3A	102984	ZINC		218.0000	UGL	EE
YSB	3A	030585	SILVER	LT	2.0000	UGL	EE
YSB	3A	030585	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	3A	030585	ARSENIC	LT	1.0000	UGL	EE
YSB	3A	030585	BARIUM		8.0000	UGL	EE
YSB	3A	030585	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	3A	030585	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	030585	CHLORIDE		2350.0000	UGL	EE
YSB	3A	030585	CHLORIDE		2150.0000	UGL	EE
YSB	3A	030585	SPECIFIC CONDUCTANCE		180.0000	UMHC	FD
YSB	3A	030585	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	030585	ENDRIN	LT	0.0400	UGL	EE
YSB	3A	030585	FLUORIDE	LT	100.0000	UGL	EE
YSB	3A	030585	IRON		108.0000	UGL	EE
YSB	3A	030585	MERCURY	LT	0.2000	UGL	EE
YSB	3A	030585	LINDANE	LT	1.0000	UGL	EE
YSB	3A	030585	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	3A	030585	MANGANESE		5.0000	UGL	EE
YSB	3A	030585	SODIUM		28400.0000	UGL	EE
YSB	3A	030585	NITRATE AS NITROGEN		350.0000	UGL	EE
YSB	3A	030585	LEAD	LT	4.0000	UGL	EV
YSB	3A	030585	PH		5.8000	PH	FD
YSB	3A	030585	PHENOLS	LT	2.0000	UGL	EE
YSB	3A	030585	SELENIUM	LT	1.0000	UGL	EE
YSB	3A	030585	SILVEX	LT	2.0000	UGL	EE
YSB	3A	030585	SULFATE		35000.0000	UGL	EE
YSB	3A	030585	TOTAL ORGANIC CARBON		12350.0000	UGL	EE
YSB	3A	030585	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	3A	030585	TOTAL ORGANIC HALOGENS		30.7000	UGL	EE
YSB	3A	030585	TURBIDITY		10.5000	TU	EE
YSB	3A	030585	TOXAPHENE	LT	1.0000	UGL	EE
YSB	3A	030585	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	3A	042485	SPECIFIC CONDUCTANCE		194.0000	UMHC	FD
YSB	3A	042485	MERCURY	LT	0.2000	UGL	EE
YSB	3A	042485	SODIUM		34120.0000	UGL	EE
YSB	3A	042485	NITRATE AS NITROGEN		9420.0000	UGL	EE
YSB	3A	042485	LEAD	LT	4.0000	UGL	EE
YSB	3A	042485	PH		5.9000	PH	FD
YSB	3A	042485	TOTAL ORGANIC CARBON		927.0000	UGL	EE
YSB	3A	042485	TOTAL ORGANIC HALOGENS		5.9000	UGL	EE
YSB	3A	042485	TOTAL ORGANIC HALOGENS		8.0000	UGL	EE
YSB	3A	072285	SPECIFIC CONDUCTANCE		265.0000	UMHC	FD
YSB	3A	072285	MERCURY	LT	0.2000	UGL	EE
YSB	3A	072285	SODIUM		50400.0000	UGL	EE
YSB	3A	072285	NITRATE AS NITROGEN		9960.0000	UGL	EE
YSB	3A	072285	LEAD	LT	4.0000	UGL	EE
YSB	3A	072285	PH		6.0000	PH	FD
YSB	3A	072285	TOTAL ORGANIC CARBON		810.0000	UGL	EE
YSB	3A	072285	TOTAL ORGANIC HALOGENS		9.0000	UGL	EE
YSB	3A	110585	SPECIFIC CONDUCTANCE		257.0000	UMHC	FD
YSB	3A	110585	MERCURY	LT	0.2000	UGL	EE
YSB	3A	110585	SODIUM		22900.0000	UGL	EE
YSB	3A	110585	NITRATE AS NITROGEN		22100.0000	UGL	EE
YSB	3A	110585	LEAD	LT	5.0000	UGL	EE
YSB	3A	110585	PH		5.1000	PH	FD

YSB	3A	110585	TOTAL ORGANIC CARBON		810.0000	UGL	EE
YSB	3A	110585	TOTAL ORGANIC HALOGENS		8.0000	UGL	EE
YSB	3A	032886	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	3A	032886	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	3A	032886	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	032886	CHLORIDE		4400.0000	UGL	EE
YSB	3A	032886	CHLORIDE		4500.0000	UGL	EE
YSB	3A	032886	SPECIFIC CONDUCTANCE		200.0000	UMHC	FD
YSB	3A	032886	FLUORIDE	LT	100.0000	UGL	EE
YSB	3A	032886	IRON		31.0000	UGL	EE
YSB	3A	032886	MERCURY	LT	0.2000	UGL	EE
YSB	3A	032886	MANGANESE	LT	2.0000	UGL	EE
YSB	3A	032886	SODIUM		27000.0000	UGL	EE
YSB	3A	032886	NITRATE AS NITROGEN		1880.0000	UGL	EE
YSB	3A	032886	PH		6.1000	PH	FD
YSB	3A	032886	PHENOLS	LT	2.0000	UGL	EE
YSB	3A	032886	SULFATE		25000.0000	UGL	EE
YSB	3A	032886	TOTAL ORGANIC CARBON		6000.0000	UGL	EE
YSB	3A	032886	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	3A	032886	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	3A	043086	SPECIFIC CONDUCTANCE		260.0000	UMHC	FD
YSB	3A	043086	PH		6.3000	PH	FD
YSB	3A	043086	ZINC		36.0000	UGL	EE
YSB	3A	092086	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	3A	092086	SPECIFIC CONDUCTANCE		242.0000	UMHC	FD
YSB	3A	092086	MERCURY	LT	0.2000	UGL	EE
YSB	3A	092086	SODIUM		41100.0000	UGL	EE
YSB	3A	092086	NITRATE AS NITROGEN		12000.0000	UGL	EE
YSB	3A	092086	PH		6.0000	PH	FD
YSB	3A	092086	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	3A	092086	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	3A	092086	TOTAL ORGANIC HALOGENS		6.0000	UGL	EE
YSB	3A	112286	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	3A	112286	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	3A	112286	SPECIFIC CONDUCTANCE		280.0000	UMHC	FD
YSB	3A	112286	SODIUM		37500.0000	UGL	EE
YSB	3A	112286	NICKEL		8.0000	UGL	EE
YSB	3A	112286	NITRATE AS NITROGEN		12200.0000	UGL	EE
YSB	3A	112286	PH		5.9000	PH	FD
YSB	3A	112286	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	3A	112286	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	3A	112286	TOTAL PHOSPHATES		68.0000	UGL	EE
YSB	3A	031487	SILVER	LT	2.0000	UGL	EE
YSB	3A	031487	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	3A	031487	ARSENIC	LT	2.0000	UGL	EE
YSB	3A	031487	ARSENIC	LT	2.0000	UGL	EE
YSB	3A	031487	BARIUM		8.0000	UGL	EE
YSB	3A	031487	NONVOLATILE BETA		6.6000	PCL	RM
YSB	3A	031487	CALCIUM		3340.0000	UGL	EE
YSB	3A	031487	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	031487	CHLORIDE		4500.0000	UGL	EE
YSB	3A	031487	SPECIFIC CONDUCTANCE		180.0000	UMHC	FD
YSB	3A	031487	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	031487	FLUORIDE	LT	100.0000	UGL	EE
YSB	3A	031487	IRON		98.0000	UGL	EE
YSB	3A	031487	MERCURY	LT	0.2000	UGL	EE
YSB	3A	031487	POTASSIUM		1010.0000	UGL	EE
YSB	3A	031487	MAGNESIUM		803.0000	UGL	EE
YSB	3A	031487	MANGANESE	LT	2.0000	UGL	EE
YSB	3A	031487	SODIUM		27400.0000	UGL	EE
YSB	3A	031487	NICKEL		4.0000	UGL	EE
YSB	3A	031487	NITRATE AS NITROGEN		4260.0000	UGL	EE
YSB	3A	031487	LEAD	LT	6.0000	UGL	EE
YSB	3A	031487	PH		6.1000	PH	FD
YSB	3A	031487	PHENOLS	LT	2.0000	UGL	EE
YSB	3A	031487	SELENIUM	LT	2.0000	UGL	EE
YSB	3A	031487	SELENIUM	LT	2.0000	UGL	EE
YSB	3A	031487	SILICA		3280.0000	UGL	EE
YSB	3A	031487	SULFATE		11000.0000	UGL	EE
YSB	3A	031487	SULFATE		11000.0000	UGL	EE
YSB	3A	031487	TOTAL DISSOLVED SOLIDS		100000.0000	UGL	EE
YSB	3A	031487	TOTAL DISSOLVED SOLIDS		96000.0000	UGL	EE
YSB	3A	031487	TOTAL ORGANIC CARBON		1200.0000	UGL	EE
YSB	3A	031487	TOTAL ORGANIC CARBON		1200.0000	UGL	EE
YSB	3A	031487	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	3A	031487	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	3A	031487	TOTAL PHOSPHATES		140.0000	UGL	EE
YSB	3A	031487	TRITIUM		6.2800	PCML	RM
YSB	3A	031487	ZINC		18.0000	UGL	EE
YSB	3A	050487	SPECIFIC CONDUCTANCE		230.0000	UMHC	FD

YSE	3A	050487	PH		6,3000	PH	FD
YSE	3A	050487	TOTAL PHOSPHATES		430.0000	UGL	EE
YSE	3A	073087	GROSS ALPHA	LT	3.0000	PCL	RM
YSE	3A	073087	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSE	3A	073087	SPECIFIC CONDUCTANCE		320.0000	UMEC	FD
YSE	3A	073087	IRON		110.0000	UGL	EE
YSE	3A	073087	MERCURY	LT	0.2000	UGL	EE
YSE	3A	073087	SODIUM		45700.0000	UGL	EE
YSE	3A	073087	NICKEL		7.0000	UGL	EE
YSE	3A	073087	NITRATE AS NITROGEN		8910.0000	UGL	EE
YSE	3A	073087	PH		7.1000	PH	FD
YSE	3A	073087	TOTAL ORGANIC CARBON		1300.0000	UGL	EE
YSE	3A	073087	TOTAL RADIUM	LT	1.0000	PCL	RM
YSE	3A	073087	TOTAL ORGANIC HALOGENS		9.0000	UGL	EE
YSE	3A	073087	TOTAL PHOSPHATES		810.0000	UGL	EE
YSE	3A	073087	TOTAL PHOSPHATES		810.0000	UGL	EE
YSE	3A	100987	SPECIFIC CONDUCTANCE		280.0000	UMEC	FD
YSE	3A	100987	PH		6.2000	PH	FD
YSE	3A	020888	GROSS ALPHA	LT	3.0000	PCL	EE
YSE	3A	020888	NONVOLATILE BETA	LT	2.0000	PCL	EE
YSE	3A	020888	CHLORIDE		10000.0000	UGL	EE
YSE	3A	020888	SPECIFIC CONDUCTANCE		280.0000	UMEC	FD
YSE	3A	020888	IRON		35.0000	UGL	EE
YSE	3A	020888	SODIUM		55800.0000	UGL	EE
YSE	3A	020888	NITRATE AS NITROGEN		8840.0000	UGL	EE
YSE	3A	020888	PH		6.8000	PH	FD
YSE	3A	020888	SULFATE		12000.0000	UGL	EE
YSE	3A	020888	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSE	3A	020888	TOTAL PHOSPHATES		40.0000	UGL	EE
YSE	3A	020888	ZINC		35.0000	UGL	EE
YSE	3A	052188	SPECIFIC CONDUCTANCE		317.0000	UMEC	FD
YSE	3A	052188	PH		6.8000	PH	FD
YSE	3A	082088	SILVER	LT	2.0000	UGL	EE
YSE	3A	082088	SILVER	LT	2.0000	UGL	EE
YSE	3A	082088	SILVER	LT	10.0000	UGL	EW
YSE	3A	082088	SILVER	LT	10.0000	UGL	WA
YSE	3A	082088	GROSS ALPHA	LT	3.0000	PCL	EE
YSE	3A	082088	GROSS ALPHA	LT	3.0000	PCL	EE
YSE	3A	082088	GROSS ALPHA	LT	0.5900	PCL	EW
YSE	3A	082088	GROSS ALPHA		0.0000	PCL	WA
YSE	3A	082088	ARSENIC	LT	2.0000	UGL	EE
YSE	3A	082088	ARSENIC	LT	2.0000	UGL	EE
YSE	3A	082088	ARSENIC	LT	10.0000	UGL	EW
YSE	3A	082088	ARSENIC	LT	10.0000	UGL	WA
YSE	3A	082088	BARIUM	LT	4.0000	UGL	EE
YSE	3A	082088	BARIUM	LT	4.0000	UGL	EE
YSE	3A	082088	BARIUM	LT	100.0000	UGL	EW
YSE	3A	082088	BARIUM	LT	200.0000	UGL	WA
YSE	3A	082088	BERYLLIUM	LT	5.0000	UGL	EE
YSE	3A	082088	BERYLLIUM	LT	5.0000	UGL	EE
YSE	3A	082088	BERYLLIUM	LT	10.0000	UGL	EW
YSE	3A	082088	BERYLLIUM	LT	5.0000	UGL	WA
YSE							

YSB	3A	082088	SPECIFIC CONDUCTANCE	280.0000	UMHC	EW
YSB	3A	082088	SPECIFIC CONDUCTANCE	314.0000	UMHC	WA
YSB	3A	082088	SPECIFIC CONDUCTANCE	313.0000	UMHC	WA
YSB	3A	082088	CHROMIUM	LT	4.0000	UGL EE
YSB	3A	082088	CHROMIUM	LT	4.0000	UGL EE
YSB	3A	082088	CHROMIUM	LT	50.0000	UGL EW
YSB	3A	082088	CHROMIUM	LT	10.0000	UGL WA
YSB	3A	082088	COPPER	LT	4.0000	UGL EE
YSB	3A	082088	COPPER	LT	4.0000	UGL EE
YSB	3A	082088	COPPER	LT	20.0000	UGL EW
YSB	3A	082088	COPPER	LT	25.0000	UGL WA
YSB	3A	082088	FLUORIDE	LT	100.0000	UGL EE
YSB	3A	082088	FLUORIDE	LT	100.0000	UGL EE
YSB	3A	082088	FLUORIDE		1000.0000	UGL EW
YSB	3A	082088	FLUORIDE	LT	100.0000	UGL WA
YSB	3A	082088	IRON		91.0000	UGL EE
YSB	3A	082088	IRON		51.0000	UGL EE
YSB	3A	082088	IRON	LT	50.0000	UGL EW
YSB	3A	082088	IRON		121.0000	UGL WA
YSB	3A	082088	MERCURY	LT	0.2000	UGL EE
YSB	3A	082088	MERCURY		0.3100	UGL EE
YSB	3A	082088	MERCURY	LT	0.5000	UGL EW
YSB	3A	082088	MERCURY	LT	0.2000	UGL WA
YSB	3A	082088	POTASSIUM		700.0000	UGL EE
YSB	3A	082088	POTASSIUM		818.0000	UGL EE
YSB	3A	082088	POTASSIUM		498.0000	UGL EW
YSB	3A	082088	POTASSIUM	LT	5000.0000	UGL WA
YSB	3A	082088	MAGNESIUM		200.0000	UGL EE
YSB	3A	082088	MAGNESIUM		196.0000	UGL EE
YSB	3A	082088	MAGNESIUM		243.0000	UGL EW
YSB	3A	082088	MAGNESIUM	LT	5000.0000	UGL WA
YSB	3A	082088	MANGANESE		3.0000	UGL EE
YSB	3A	082088	MANGANESE		3.0000	UGL EE
YSB	3A	082088	MANGANESE	LT	20.0000	UGL EW
YSB	3A	082088	MANGANESE	LT	15.0000	UGL WA
YSB	3A	082088	SODIUM		53600.0000	UGL EE
YSB	3A	082088	SODIUM		75200.0000	UGL EE
YSB	3A	082088	SODIUM		63800.0000	UGL EW
YSB	3A	082088	SODIUM		58800.0000	UGL WA
YSB	3A	082088	NICKEL		10.0000	UGL EE
YSB	3A	082088	NICKEL		7.0000	UGL EE
YSB	3A	082088	NICKEL	LT	50.0000	UGL EW
YSB	3A	082088	NICKEL		63.5000	UGL WA
YSB	3A	082088	NITRATE AS NITROGEN		3890.0000	UGL EE
YSB	3A	082088	NITRATE AS NITROGEN		3750.0000	UGL EE
YSB	3A	082088	NITRATE AS NITROGEN		4700.0000	UGL EW
YSB	3A	082088	NITRATE AS NITROGEN		4400.0000	UGL WA
YSB	3A	082088	LEAD	LT	6.0000	UGL EE
YSB	3A	082088	LEAD	LT	6.0000	UGL EE
YSB	3A	082088	LEAD	LT	10.0000	UGL EW
YSB	3A	082088	LEAD	LT	5.0000	UGL WA
YSB	3A	082088	PH		6.4000	PH FD
YSB	3A	082088	PH		6.4000	PH FD
YSB	3A	082088	PH		6.5800	PH EE
YSB	3A	082088	PH		6.2000	PH EW
YSB	3A	082088	PH		6.5000	PH WA
YSB	3A	082088	PH		6.5000	PH WA
YSB	3A	082088	PHENOLS	LT	5.0000	UGL EE
YSB	3A	082088	PHENOLS	LT	5.0000	UGL EE
YSB	3A	082088	PHENOLS	LT	5.0000	UGL EW
YSB	3A	082088	PHENOLS		13.9000	UGL WA
YSB	3A	082088	SELENIUM	LT	2.0000	UGL EE
YSB	3A	082088	SELENIUM	LT	2.0000	UGL EE
YSB	3A	082088	SELENIUM	LT	10.0000	UGL EW
YSB	3A	082088	SELENIUM	LT	5.0000	UGL WA
YSB	3A	082088	SILICA		8200.0000	UGL EW
YSB	3A	082088	SILICA		2130.0000	UGL EE
YSB	3A	082088	SILICA		2140.0000	UGL EE
YSB	3A	082088	SILICA		2130.0000	UGL EE
YSB	3A	082088	SULFATE	LT	5000.0000	UGL EE
YSB	3A	082088	SULFATE	LT	5000.0000	UGL EE
YSB	3A	082088	SULFATE		14000.0000	UGL EW
YSB	3A	082088	SULFATE		14100.0000	UGL WA
YSB	3A	082088	TETRACHLOROETHYLENE	LT	1.0000	UGL EE
YSB	3A	082088	TETRACHLOROETHYLENE	LT	1.0000	UGL EE
YSB	3A	082088	TETRACHLOROETHYLENE	LT	2.0000	UGL EW
YSB	3A	082088	TETRACHLOROETHYLENE	LT	1.0000	UGL WA
YSB	3A	082088	TOTAL ORGANIC CARBON		1100.0000	UGL EE
YSB	3A	082088	TOTAL ORGANIC CARBON		1200.0000	UGL EE
YSB	3A	082088	TOTAL ORGANIC CARBON		28000.0000	UGL EW

YSB	3A	082088	TOTAL ORGANIC CARBON		870.0000	UGL	WA
YSB	3A	082088	TOTAL RADIUM	LT	1.0000	PCL	EE
YSB	3A	082088	TOTAL RADIUM		0.4700	PCL	EE
YSB	3A	082088	TOTAL RADIUM	LT	0.5000	PCL	EW
YSB	3A	082088	TOTAL RADIUM		0.0000	PCL	WA
YSB	3A	082088	TOTAL ORGANIC HALOGENS		15.0000	UGL	EE
YSB	3A	082088	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	3A	082088	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	3A	082088	TOTAL ORGANIC HALOGENS		29.0000	UGL	EW
YSB	3A	082088	TOTAL ORGANIC HALOGENS		19.0000	UGL	WA
YSB	3A	082088	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	3A	082088	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	3A	082088	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	3A	082088	TOTAL PHOSPHATES		70.0000	PCL	EW
YSB	3A	082088	TOTAL PHOSPHATES		160.0000	UGL	WA
YSB	3A	082088	TOTAL PHOSPHATES		170.0000	UGL	WA
YSB	3A	082088	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	3A	082088	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	3A	082088	TRICHLOROETHYLENE	LT	2.0000	UGL	EW
YSB	3A	082088	TRICHLOROETHYLENE	LT	1.0000	UGL	WA
YSB	3A	082088	TRITIUM		0.7700	PCML	EE
YSB	3A	082088	TRITIUM		0.7200	PCML	EE
YSB	3A	082088	TRITIUM		1.1000	PCML	EW
YSB	3A	082088	TRITIUM		2.1000	PCML	WA
YSB	3A	082088	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE
YSB	3A	082088	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE
YSB	3A	082088	1,1,1-TRICHLOROETHANE	LT	2.0000	UGL	EW
YSB	3A	082088	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	WA
YSB	3A	082088	ZINC		21.0000	UGL	EE
YSB	3A	082088	ZINC		25.0000	UGL	EE
YSB	3A	082088	ZINC	LT	10.0000	UGL	EW
YSB	3A	082088	ZINC	LT	20.0000	UGL	WA
YSB	3A	122688	SILVER	LT	2.0000	UGL	EE
YSB	3A	122688	SILVER	LT	2.0000	UGL	EE
YSB	3A	122688	GROSS ALPHA		1.3200	PCL	RM
YSB	3A	122688	ARSENIC	LT	2.0000	UGL	EE
YSB	3A	122688	BARIUM		6.0000	UGL	EE
YSB	3A	122688	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	3A	122688	BROMODICHLOROMETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	BROMODICHLOROMETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	TRICHLOROFLUOROMETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	TRICHLOROFLUOROMETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	CARBON TETRACHLORIDE	LT	5.0000	UGL	EE
YSB	3A	122688	CARBON TETRACHLORIDE	LT	5.0000	UGL	EE
YSB	3A	122688	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	122688	BROMOFORM	LT	10.0000	UGL	EE
YSB	3A	122688	BROMOFORM	LT	10.0000	UGL	EE
YSB	3A	122688	CHLOROFORM	LT	5.0000	UGL	EE
YSB	3A	122688	CHLOROFORM	LT	5.0000	UGL	EE
YSB	3A	122688	METHYLENE CHLORIDE	LT	5.0000	UGL	EE
YSB	3A	122688	METHYLENE CHLORIDE	LT	5.0000	UGL	EE
YSB	3A	122688	BROMOMETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	BROMOMETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	CHLOROMETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	CHLOROMETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	CHLORIDE		7200.0000	UGL	EE
YSB	3A	122688	CHLOROBENZENE	LT	5.0000	UGL	EE
YSB	3A	122688	CHLOROBENZENE	LT	5.0000	UGL	EE
YSB	3A	122688	SPECIFIC CONDUCTANCE		215.0000	UMEC	FD
YSB	3A	122688	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	122688	CHLOROETHENE	LT	10.0000	UGL	EE
YSB	3A	122688	CHLOROETHENE	LT	10.0000	UGL	EE
YSB	3A	122688	CHLOROETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	CHLOROETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	BENZENE	LT	5.0000	UGL	EE
YSB	3A	122688	BENZENE	LT	5.0000	UGL	EE
YSB	3A	122688	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	ETHYLBENZENE	LT	5.0000	UGL	EE
YSB	3A	122688	ETHYLBENZENE	LT	5.0000	UGL	EE
YSB	3A	122688	FLUORIDE	LT	100.0000	UGL	EE
YSB	3A	122688	IRON		48.0000	UGL	EE
YSB	3A	122688	MERCURY	LT	0.2000	UGL	EE
YSB	3A	122688	TOLUENE-D8		107.0000	PER	EE
YSB	3A	122688	TOLUENE-D8		108.0000	PER	EE
YSB	3A	122688	TOLUENE	LT	5.0000	UGL	EE
YSB	3A	122688	TOLUENE	LT	5.0000	UGL	EE
YSB	3A	122688	MANGANESE		4.0000	UGL	EE
YSB	3A	122688	SODIUM		35000.0000	UGL	EE
YSB	3A	122688	NITRATE AS NITROGEN		5490.0000	UGL	EE

YSB	3A	122688	LEAD	LT	6.0000	UGL	EE
YSB	3A	122688	P-BROMOFLUOROBENZENE		104.0000	PER	EE
YSB	3A	122688	P-BROMOFLUOROBENZENE		102.0000	PER	EE
YSB	3A	122688	PH		6.4000	PH	FD
YSB	3A	122688	PHENOLS	LT	5.0000	UGL	EE
YSB	3A	122688	SELENIUM	LT	2.0000	UGL	EE
YSB	3A	122688	SELENIUM	LT	2.0000	UGL	EE
YSB	3A	122688	SULFATE	LT	5000.0000	UGL	EE
YSB	3A	122688	1,1,2,2-TETRACHLOROETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	1,1,2,2-TETRACHLOROETHANE	LT	10.0000	UGL	EE
YSB	3A	122688	TETRACHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	3A	122688	TETRACHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	3A	122688	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	3A	122688	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	3A	122688	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	3A	122688	TRICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	3A	122688	TRICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	3A	122688	TRANS-1,2-DICHLOROETHENE	LT	5.0000	UGL	EE
YSB	3A	122688	TRANS-1,2-DICHLOROETHENE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1-DICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1-DICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1-DICHLOROETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1-DICHLOROETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1,1-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1,1-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1,2-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	1,1,2-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	3A	122688	1,2-DICHLOROETHANE-D4		106.0000	PER	EE
YSB	3A	122688	1,2-DICHLOROETHANE-D4		107.0000	PER	EE
YSB	3A	122688	1,2-DICHLOROETHANE	LT	1.0000	UGL	EE
YSB	3A	122688	1,2-DICHLOROETHANE	LT	1.0000	UGL	EE
YSB	3A	122688	1,2-DICHLOROPROPANE	LT	10.0000	UGL	EE
YSB	3A	122688	1,2-DICHLOROPROPANE	LT	10.0000	UGL	EE
YSB	3A	122688	CIS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	3A	122688	CIS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	3A	122688	TRANS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	3A	122688	TRANS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	3A	122688	2-CHLOROETHYL VINYL ETHER	LT	10.0000	UGL	EE
YSB	3A	122688	2-CHLOROETHYL VINYL ETHER	LT	10.0000	UGL	EE
YSB	3A	031189	SILVER	LT	2.0000	UGL	EE
YSB	3A	031189	SILVER	LT	2.0000	UGL	EE
YSB	3A	031189	SILVER	LT	10.0000	UGL	EW
YSB	3A	031189	SILVER	LT	10.0000	UGL	WA
YSB	3A	031189	ALUMINUM	LT	200.0000	UGL	WA
YSB	3A	031189	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	3A	031189	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	3A	031189	GROSS ALPHA	LT	1.1800	PCL	EW
YSB	3A	031189	GROSS ALPHA		0.0000	PCL	WA
YSB	3A	031189	ARSENIC	LT	2.0000	UGL	EE
YSB	3A	031189	ARSENIC	LT	2.0000	UGL	EE
YSB	3A	031189	ARSENIC	LT	5.0000	UGL	EW
YSB	3A	031189	ARSENIC	LT	10.0000	UGL	WA
YSB	3A	031189	BARIUM		6.0000	UGL	EE
YSB	3A	031189	BARIUM		6.0000	UGL	EE
YSB	3A	031189	BARIUM	LT	100.0000	UGL	EW
YSB	3A	031189	BARIUM	LT	200.0000	UGL	WA
YSB	3A	031189	BERYLLIUM	LT	5.0000	UGL	WA
YSB	3A	031189	NONVOLATILE BETA		2.0100	PCL	RM
YSB	3A	031189	NONVOLATILE BETA		3.0900	PCL	RM
YSB	3A	031189	NONVOLATILE BETA	LT	1.4400	PCL	EW
YSB	3A	031189	NONVOLATILE BETA		7.0000	PCL	WA
YSB	3A	031189	BROMOCHLOROMETHANE		61.0000	PER	WA
YSB	3A	031189	BROMODICHLOROMETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	CALCIUM	LT	5000.0000	UGL	WA
YSB	3A	031189	TRICHLOROFLUOROMETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	3A	031189	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	3A	031189	CARBON TETRACHLORIDE	LT	1.0000	UGL	EW
YSB	3A	031189	CARBON TETRACHLORIDE	LT	1.0000	UGL	WA
YSB	3A	031189	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	031189	CADMIUM	LT	2.0000	UGL	EE
YSB	3A	031189	CADMIUM	LT	10.0000	UGL	EW
YSB	3A	031189	CADMIUM	LT	5.0000	UGL	WA
YSB	3A	031189	BROMOFORM	LT	1.0000	UGL	EW
YSB	3A	031189	CHLOROFORM	LT	1.0000	UGL	EE
YSB	3A	031189	CHLOROFORM	LT	1.0000	UGL	EE
YSB	3A	031189	CHLOROFORM	LT	1.0000	UGL	EW
YSB	3A	031189	CHLOROFORM	LT	1.0000	UGL	WA
YSB	3A	031189	METHYLENE CHLORIDE	LT	1.0000	UGL	EW
YSB	3A	031189	BROMOMETHANE	LT	1.0000	UGL	EW

YSB	3A	031189	CHLOROMETHANE				
YSB	3A	031189	CHLORIDE	LT	1.0000	UGL	EW
YSB	3A	031189	CHLORIDE		18200.0000	UGL	EE
YSB	3A	031189	CHLORIDE		18300.0000	UGL	EE
YSB	3A	031189	CHLORIDE		21000.0000	UGL	EW
YSB	3A	031189	CHLORIDE		32800.0000	UGL	WA
YSB	3A	031189	CHLOROBENZENE	LT	1.0000	UGL	EW
YSB	3A	031189	COBALT	LT	50.0000	UGL	WA
YSB	3A	031189	SPECIFIC CONDUCTANCE		380.0000	UMEC	FD
YSB	3A	031189	SPECIFIC CONDUCTANCE		380.0000	UMEC	FD
YSB	3A	031189	SPECIFIC CONDUCTANCE		330.0000	UMEC	EW
YSB	3A	031189	SPECIFIC CONDUCTANCE		329.0000	UMEC	WA
YSB	3A	031189	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	031189	CHROMIUM	LT	4.0000	UGL	EE
YSB	3A	031189	CHROMIUM	LT	50.0000	UGL	EW
YSB	3A	031189	CHROMIUM		17.1000	UGL	WA
YSB	3A	031189	COPPER	LT	25.0000	UGL	WA
YSB	3A	031189	CHLOROETHENE	LT	1.0000	UGL	EW
YSB	3A	031189	CHLOROETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	BENZENE	LT	1.0000	UGL	EW
YSB	3A	031189	DIBROMOCHLOROMETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	ETHYLBENZENE	LT	1.0000	UGL	EW
YSB	3A	031189	FLUORIDE	LT	100.0000	UGL	EE
YSB	3A	031189	FLUORIDE	LT	100.0000	UGL	EE
YSB	3A	031189	FLUORIDE	LT	100.0000	UGL	EW
YSB	3A	031189	FLUORIDE	LT	100.0000	UGL	WA
YSB	3A	031189	IRON		35.0000	UGL	EE
YSB	3A	031189	IRON		66.0000	UGL	EE
YSB	3A	031189	IRON	LT	50.0000	UGL	EW
YSB	3A	031189	IRON	LT	100.0000	UGL	WA
YSB	3A	031189	MERCURY	LT	0.2000	UGL	EE
YSB	3A	031189	MERCURY	LT	0.2000	UGL	EE
YSB	3A	031189	MERCURY	LT	0.2000	UGL	EE
YSB	3A	031189	MERCURY	LT	0.2000	UGL	EW
YSB	3A	031189	MERCURY	LT	0.2000	UGL	WA
YSB	3A	031189	POTASSIUM	LT	5000.0000	UGL	WA
YSB	3A	031189	LITHIUM	LT	50.0000	UGL	WA
YSB	3A	031189	TOLUENE	LT	1.0000	UGL	EW
YSB	3A	031189	MAGNESIUM	LT	5000.0000	UGL	WA
YSB	3A	031189	MANGANESE	LT	15.0000	UGL	WA
YSB	3A	031189	SODIUM		60000.0000	UGL	EE
YSB	3A	031189	SODIUM		85500.0000	UGL	EE
YSB	3A	031189	SODIUM		89000.0000	UGL	EW
YSB	3A	031189	SODIUM		71400.0000	UGL	WA
YSB	3A	031189	NICKEL	LT	40.0000	UGL	WA
YSB	3A	031189	NITRATE AS NITROGEN		9570.0000	UGL	EE
YSB	3A	031189	NITRATE AS NITROGEN		9150.0000	UGL	EE
YSB	3A	031189	NITRATE AS NITROGEN		9300.0000	UGL	EW
YSB	3A	031189	NITRATE AS NITROGEN		10700.0000	UGL	WA
YSB	3A	031189	LEAD		10.0000	UGL	EE
YSB	3A	031189	LEAD		7.0000	UGL	EE
YSB	3A	031189	LEAD	LT	100.0000	UGL	EW
YSB	3A	031189	LEAD	LT	5.0000	UGL	WA
YSB	3A	031189	PH		6.2000	PH	FD
YSB	3A	031189	PH		6.2000	PH	FD
YSB	3A	031189	PH		6.5000	PH	EW
YSB	3A	031189	PH		6.6000	PH	WA
YSB	3A	031189	ANTIMONY	LT	60.0000	UGL	WA
YSB	3A	031189	SELENIUM	LT	2.0000	UGL	EE
YSB	3A	031189	SELENIUM	LT	2.0000	UGL	EE
YSB	3A	031189	SELENIUM	LT	10.0000	UGL	EW
YSB	3A	031189	SELENIUM	LT	5.0000	UGL	WA
YSB	3A	031189	SILICA		2370.0000	UGL	WA
YSB	3A	031189	TIN	LT	100.0000	UGL	WA
YSB	3A	031189	SULFATE		12800.0000	UGL	EE
YSB	3A	031189	SULFATE		12500.0000	UGL	EE
YSB	3A	031189	SULFATE		12000.0000	UGL	EW
YSB	3A	031189	SULFATE		14300.0000	UGL	WA
YSB	3A	031189	1,1,2,2-TETRACHLOROETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	3A	031189	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	3A	031189	TETRACHLOROETHYLENE	LT	1.0000	UGL	EW
YSB	3A	031189	TETRACHLOROETHYLENE	LT	1.0000	UGL	WA
YSB	3A	031189	THALLIUM	LT	10.0000	UGL	WA
YSB	3A	031189	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	3A	031189	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	3A	031189	TOTAL RADIUM	LT	0.5000	PCL	EW
YSB	3A	031189	TOTAL RADIUM		0.0000	PCL	WA
YSB	3A	031189	TOTAL ORGANIC HALOGENS		12.5000	UGL	EE
YSB	3A	031189	TOTAL ORGANIC HALOGENS		11.2000	UGL	EE
YSB	3A	031189	TOTAL ORGANIC HALOGENS	LT	10.0000	UGL	EW

YSB	3A	031189	TOTAL ORGANIC HALOGENS	LT	20.0000	UGL	WA
YSB	3A	031189	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	3A	031189	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	3A	031189	TOTAL PHOSPHATES		50.0000	UGL	EW
YSB	3A	031189	TOTAL PHOSPHATES	LT	50.0000	UGL	WA
YSB	3A	031189	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	3A	031189	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	3A	031189	TRICHLOROETHYLENE	LT	1.0000	UGL	EW
YSB	3A	031189	TRICHLOROETHYLENE	LT	1.0000	UGL	WA
YSB	3A	031189	TRANS-1,2-DICHLOROETHENE	LT	1.0000	UGL	EW
YSB	3A	031189	URANIUM	LT	1000.0000	UGL	WA
YSB	3A	031189	VANADIUM	LT	50.0000	UGL	WA
YSB	3A	031189	XYLENES	LT	1.0000	UGL	EW
YSB	3A	031189	1,1-DICHLOROETHYLENE	LT	1.0000	UGL	EW
YSB	3A	031189	1,1-DICHLOROETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE
YSB	3A	031189	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE
YSB	3A	031189	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	WA
YSB	3A	031189	1,1,2-TRICHLOROETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	1,2-DICHLOROBENZENE	LT	1.0000	UGL	EW
YSB	3A	031189	1,2-DICHLOROETHANE	LT	1.0000	UGL	EW
YSB	3A	031189	1,2-DICHLOROPROPANE	LT	1.0000	UGL	EW
YSB	3A	031189	1,3-DICHLOROBENZENE	LT	1.0000	UGL	EW
YSB	3A	031189	CIS-1,3-DICHLOROPROPENE	LT	1.0000	UGL	EW
YSB	3A	031189	TRANS-1,3-DICHLOROPROPENE	LT	1.0000	UGL	EW
YSB	3A	031189	1,4-DICHLOROBENZENE	LT	1.0000	UGL	EW
YSB	3A	031189	2-CHLOROETHYL VINYL ETHER	LT	1.0000	UGL	EW
YSB	3A	031189	ZINC	LT	20.0000	UGL	WA

T-Test Data

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
1	YSB	2A	30585	BARIUM	10.00
2	YSB	2A	31487	BARIUM	14.00
3	YSB	2A	31889	BARIUM	11.00
4	YSB	2A	72884	BARIUM	8.00
5	YSB	2A	82088	BARIUM	8.00
6	YSB	2A	102984	BARIUM	10.00
7	YSB	2A	122888	BARIUM	11.00
8	YSB	3A	30585	BARIUM	6.00
9	YSB	3A	31189	BARIUM	6.00
10	YSB	3A	31487	BARIUM	8.00
11	YSB	3A	72884	BARIUM	22.00
12	YSB	3A	82088	BARIUM	2.00
13	YSB	3A	102984	BARIUM	8.00
14	YSB	3A	122888	BARIUM	6.00
15	YSB	2A	20888	CHLORIDE	3200.00
16	YSB	2A	30585	CHLORIDE	12630.00
17	YSB	2A	31487	CHLORIDE	3900.00
18	YSB	2A	31889	CHLORIDE	5000.00
19	YSB	2A	32888	CHLORIDE	4300.00
20	YSB	2A	72884	CHLORIDE	4840.00
21	YSB	2A	82088	CHLORIDE	4500.00
22	YSB	2A	102984	CHLORIDE	4250.00
23	YSB	2A	122888	CHLORIDE	4500.00
24	YSB	3A	20888	CHLORIDE	10000.00
25	YSB	3A	30585	CHLORIDE	2250.00
26	YSB	3A	31189	CHLORIDE	19250.00
27	YSB	3A	31487	CHLORIDE	4500.00
28	YSB	3A	32888	CHLORIDE	4450.00
29	YSB	3A	72884	CHLORIDE	3220.00
30	YSB	3A	82088	CHLORIDE	10250.00
31	YSB	3A	102984	CHLORIDE	3500.00
32	YSB	3A	122888	CHLORIDE	7200.00
33	YSB	2A	20888	IRON	46.00
34	YSB	2A	30585	IRON	184.00
35	YSB	2A	31487	IRON	90.00
36	YSB	2A	31889	IRON	82.00
37	YSB	2A	32888	IRON	71.00
38	YSB	2A	72884	IRON	136.00
39	YSB	2A	73087	IRON	90.00
40	YSB	2A	82088	IRON	106.33
41	YSB	2A	102984	IRON	26.00
42	YSB	2A	122888	IRON	66.00
43	YSB	3A	20888	IRON	35.00
44	YSB	3A	30585	IRON	108.00
45	YSB	3A	31189	IRON	60.50
46	YSB	3A	31487	IRON	98.00
47	YSB	3A	32888	IRON	31.00
48	YSB	3A	72884	IRON	32.00
49	YSB	3A	73087	IRON	110.00
50	YSB	3A	82088	IRON	71.00
51	YSB	3A	102984	IRON	56.00
52	YSB	3A	122888	IRON	48.00
53	YSB	2A	30585	MANGANESE	4.00
54	YSB	2A	31487	MANGANESE	3.00

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
55	YSB	2A	32888	MANGANESE	1.0
56	YSB	2A	72884	MANGANESE	3.0
57	YSB	2A	82088	MANGANESE	2.0
58	YSB	2A	102984	MANGANESE	2.0
59	YSB	2A	122888	MANGANESE	3.0
60	YSB	3A	30585	MANGANESE	5.0
61	YSB	3A	31487	MANGANESE	1.0
62	YSB	3A	32888	MANGANESE	1.0
63	YSB	3A	72884	MANGANESE	4.0
64	YSB	3A	82088	MANGANESE	3.0
65	YSB	3A	102984	MANGANESE	3.0
66	YSB	3A	122888	MANGANESE	4.0
67	YSB	3A	31487	NICKEL	4.0
68	YSB	3A	72884	NICKEL	2.0
69	YSB	3A	73087	NICKEL	7.0
70	YSB	3A	82088	NICKEL	8.5
71	YSB	3A	102984	NICKEL	2.0
72	YSB	3A	112288	NICKEL	8.0
73	YSB	2A	20888	NITRATE AS NITROGEN	820.0
74	YSB	2A	30585	NITRATE AS NITROGEN	850.0
75	YSB	2A	31487	NITRATE AS NITROGEN	950.0
76	YSB	2A	31889	NITRATE AS NITROGEN	881.0
77	YSB	2A	32888	NITRATE AS NITROGEN	870.0
78	YSB	2A	42485	NITRATE AS NITROGEN	850.0
79	YSB	2A	72285	NITRATE AS NITROGEN	735.0
80	YSB	2A	72884	NITRATE AS NITROGEN	730.0
81	YSB	2A	73087	NITRATE AS NITROGEN	1110.0
82	YSB	2A	82088	NITRATE AS NITROGEN	820.0
83	YSB	2A	92088	NITRATE AS NITROGEN	810.0
84	YSB	2A	102984	NITRATE AS NITROGEN	930.0
85	YSB	2A	110585	NITRATE AS NITROGEN	1700.0
86	YSB	2A	112288	NITRATE AS NITROGEN	875.0
87	YSB	2A	122888	NITRATE AS NITROGEN	950.0
88	YSB	3A	20888	NITRATE AS NITROGEN	8840.0
89	YSB	3A	30585	NITRATE AS NITROGEN	350.0
90	YSB	3A	31189	NITRATE AS NITROGEN	9380.0
91	YSB	3A	31487	NITRATE AS NITROGEN	4260.0
92	YSB	3A	32888	NITRATE AS NITROGEN	1880.0
93	YSB	3A	42485	NITRATE AS NITROGEN	9420.0
94	YSB	3A	72285	NITRATE AS NITROGEN	9960.0
95	YSB	3A	72884	NITRATE AS NITROGEN	700.0
96	YSB	3A	73087	NITRATE AS NITROGEN	8910.0
97	YSB	3A	82088	NITRATE AS NITROGEN	3820.0
98	YSB	3A	92088	NITRATE AS NITROGEN	12000.0
99	YSB	3A	102984	NITRATE AS NITROGEN	840.0
100	YSB	3A	110585	NITRATE AS NITROGEN	22100.0
101	YSB	3A	112288	NITRATE AS NITROGEN	12200.0
102	YSB	3A	122888	NITRATE AS NITROGEN	5490.0
103	YSB	2A	20888	PH	6.0
104	YSB	2A	30585	PH	5.0
105	YSB	2A	31084	PH	4.0
106	YSB	2A	31487	PH	5.0
107	YSB	2A	31839	PH	5.0
108	YSB	2A	32888	PH	5.0

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
109	YSB	2A	42485	PH	5
110	YSB	2A	42584	PH	5
111	YSB	2A	43086	PH	5
112	YSB	2A	50487	PH	5
113	YSB	2A	52186	PH	6
114	YSB	2A	72285	PH	5
115	YSB	2A	72684	PH	5
116	YSB	2A	73087	PH	6
117	YSB	2A	82088	PH	5
118	YSB	2A	92086	PH	5
119	YSB	2A	100987	PH	5
120	YSB	2A	102984	PH	4
121	YSB	2A	110585	PH	5
122	YSB	2A	112286	PH	5
123	YSB	2A	122688	PH	6
124	YSB	3A	20888	PH	7
125	YSB	3A	30585	PH	6
126	YSB	3A	31084	PH	5
127	YSB	3A	31189	PH	6
128	YSB	3A	31487	PH	6
129	YSB	3A	32886	PH	6
130	YSB	3A	42485	PH	6
131	YSB	3A	42584	PH	6
132	YSB	3A	43086	PH	6
133	YSB	3A	50487	PH	6
134	YSB	3A	52186	PH	7
135	YSB	3A	72285	PH	6
136	YSB	3A	72684	PH	6
137	YSB	3A	73087	PH	7
138	YSB	3A	82088	PH	6
139	YSB	3A	92086	PH	6
140	YSB	3A	100987	PH	6
141	YSB	3A	102984	PH	6
142	YSB	3A	110585	PH	5
143	YSB	3A	112286	PH	6
144	YSB	3A	122688	PH	6
145	YSB	2A	20888	SODIUM	4190
146	YSB	2A	30585	SODIUM	5580
147	YSB	2A	31487	SODIUM	7530
148	YSB	2A	31689	SODIUM	3530
149	YSB	2A	32886	SODIUM	4440
150	YSB	2A	42485	SODIUM	3430
151	YSB	2A	72285	SODIUM	4150
152	YSB	2A	72684	SODIUM	20800
153	YSB	2A	73087	SODIUM	5040
154	YSB	2A	82088	SODIUM	3750
155	YSB	2A	92086	SODIUM	3740
156	YSB	2A	102984	SODIUM	3690
157	YSB	2A	110585	SODIUM	4070
158	YSB	2A	112286	SODIUM	4340
159	YSB	2A	122688	SODIUM	4380
160	YSB	3A	20888	SODIUM	55800
161	YSB	3A	30585	SODIUM	28400
162	YSB	3A	31189	SODIUM	72750

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
163	YSB	3A	31487	SODIUM	27400
164	YSB	3A	32886	SODIUM	27000
165	YSB	3A	42485	SODIUM	34120
166	YSB	3A	72285	SODIUM	50400
167	YSB	3A	72684	SODIUM	2325
168	YSB	3A	73087	SODIUM	45700
169	YSB	3A	82088	SODIUM	64400
170	YSB	3A	92086	SODIUM	41100
171	YSB	3A	102984	SODIUM	41400
172	YSB	3A	110585	SODIUM	22900
173	YSB	3A	112286	SODIUM	37500
174	YSB	3A	122688	SODIUM	35000
175	YSB	2A	20888	SPECIFIC CONDUCTANCE	40
176	YSB	2A	30585	SPECIFIC CONDUCTANCE	67
177	YSB	2A	31084	SPECIFIC CONDUCTANCE	38
178	YSB	2A	31487	SPECIFIC CONDUCTANCE	51
179	YSB	2A	31889	SPECIFIC CONDUCTANCE	44
180	YSB	2A	32886	SPECIFIC CONDUCTANCE	31
181	YSB	2A	42485	SPECIFIC CONDUCTANCE	41
182	YSB	2A	42584	SPECIFIC CONDUCTANCE	45
183	YSB	2A	43086	SPECIFIC CONDUCTANCE	39
184	YSB	2A	50487	SPECIFIC CONDUCTANCE	51
185	YSB	2A	52188	SPECIFIC CONDUCTANCE	44
186	YSB	2A	72285	SPECIFIC CONDUCTANCE	38
187	YSB	2A	72684	SPECIFIC CONDUCTANCE	61
188	YSB	2A	73087	SPECIFIC CONDUCTANCE	44
189	YSB	2A	82088	SPECIFIC CONDUCTANCE	44
190	YSB	2A	92086	SPECIFIC CONDUCTANCE	38
191	YSB	2A	100987	SPECIFIC CONDUCTANCE	49
192	YSB	2A	102984	SPECIFIC CONDUCTANCE	62
193	YSB	2A	110585	SPECIFIC CONDUCTANCE	30
194	YSB	2A	112286	SPECIFIC CONDUCTANCE	47
195	YSB	2A	122688	SPECIFIC CONDUCTANCE	44
196	YSB	3A	20888	SPECIFIC CONDUCTANCE	280
197	YSB	3A	30585	SPECIFIC CONDUCTANCE	180
198	YSB	3A	31084	SPECIFIC CONDUCTANCE	185
199	YSB	3A	31189	SPECIFIC CONDUCTANCE	380
200	YSB	3A	31487	SPECIFIC CONDUCTANCE	180
201	YSB	3A	32886	SPECIFIC CONDUCTANCE	200
202	YSB	3A	42485	SPECIFIC CONDUCTANCE	194
203	YSB	3A	42584	SPECIFIC CONDUCTANCE	140
204	YSB	3A	43086	SPECIFIC CONDUCTANCE	260
205	YSB	3A	50487	SPECIFIC CONDUCTANCE	230
206	YSB	3A	52188	SPECIFIC CONDUCTANCE	317
207	YSB	3A	72285	SPECIFIC CONDUCTANCE	285
208	YSB	3A	72684	SPECIFIC CONDUCTANCE	240
209	YSB	3A	73087	SPECIFIC CONDUCTANCE	320
210	YSB	3A	82088	SPECIFIC CONDUCTANCE	310
211	YSB	3A	92086	SPECIFIC CONDUCTANCE	242
212	YSB	3A	100987	SPECIFIC CONDUCTANCE	280
213	YSB	3A	102984	SPECIFIC CONDUCTANCE	260
214	YSB	3A	110585	SPECIFIC CONDUCTANCE	257
215	YSB	3A	112286	SPECIFIC CONDUCTANCE	280
216	YSB	3A	122688	SPECIFIC CONDUCTANCE	215

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
217	YSB	3A	20888	SULFATE	12000.00
218	YSB	3A	30585	SULFATE	35000.00
219	YSB	3A	31189	SULFATE	12850.00
220	YSB	3A	31487	SULFATE	11000.00
221	YSB	3A	32886	SULFATE	25000.00
222	YSB	3A	72684	SULFATE	5000.00
223	YSB	3A	82088	SULFATE	2500.00
224	YSB	3A	102984	SULFATE	30000.00
225	YSB	3A	122888	SULFATE	2500.00
226	YSB	3A	20888	TOTAL ORGANIC CARBON	500.00
227	YSB	3A	30585	TOTAL ORGANIC CARBON	12350.00
228	YSB	3A	31487	TOTAL ORGANIC CARBON	1200.00
229	YSB	3A	32886	TOTAL ORGANIC CARBON	8000.00
230	YSB	3A	42485	TOTAL ORGANIC CARBON	927.00
231	YSB	3A	72285	TOTAL ORGANIC CARBON	810.00
232	YSB	3A	72684	TOTAL ORGANIC CARBON	2500.00
233	YSB	3A	73087	TOTAL ORGANIC CARBON	1300.00
234	YSB	3A	82088	TOTAL ORGANIC CARBON	1150.00
235	YSB	3A	92086	TOTAL ORGANIC CARBON	500.00
236	YSB	3A	102984	TOTAL ORGANIC CARBON	5900.00
237	YSB	3A	110585	TOTAL ORGANIC CARBON	610.00
238	YSB	3A	122888	TOTAL ORGANIC CARBON	500.00
239	YSB	3A	30585	TOTAL ORGANIC HALOGENS	31.00
240	YSB	3A	31189	TOTAL ORGANIC HALOGENS	12.00
241	YSB	3A	31487	TOTAL ORGANIC HALOGENS	2.50
242	YSB	3A	32886	TOTAL ORGANIC HALOGENS	2.50
243	YSB	3A	42485	TOTAL ORGANIC HALOGENS	7.00
244	YSB	3A	72285	TOTAL ORGANIC HALOGENS	9.00
245	YSB	3A	73087	TOTAL ORGANIC HALOGENS	9.00
246	YSB	3A	82088	TOTAL ORGANIC HALOGENS	8.87
247	YSB	3A	92086	TOTAL ORGANIC HALOGENS	8.00
248	YSB	3A	110585	TOTAL ORGANIC HALOGENS	8.00
249	YSB	3A	112286	TOTAL ORGANIC HALOGENS	2.50
250	YSB	3A	122888	TOTAL ORGANIC HALOGENS	2.50
251	YSB	2A	20888	TOTAL PHOSPHATES	50.00
252	YSB	2A	31487	TOTAL PHOSPHATES	30.00
253	YSB	2A	31889	TOTAL PHOSPHATES	10.00
254	YSB	2A	50487	TOTAL PHOSPHATES	30.00
255	YSB	2A	73087	TOTAL PHOSPHATES	20.00
256	YSB	2A	82088	TOTAL PHOSPHATES	10.00
257	YSB	2A	112286	TOTAL PHOSPHATES	27.00
258	YSB	3A	20888	TOTAL PHOSPHATES	40.00
259	YSB	3A	31189	TOTAL PHOSPHATES	10.00
260	YSB	3A	31487	TOTAL PHOSPHATES	140.00
261	YSB	3A	50487	TOTAL PHOSPHATES	430.00
262	YSB	3A	73087	TOTAL PHOSPHATES	810.00
263	YSB	3A	82088	TOTAL PHOSPHATES	10.00
264	YSB	3A	112286	TOTAL PHOSPHATES	68.00
265	YSB	2A	20888	ZINC	35.00
266	YSB	2A	31487	ZINC	23.00
267	YSB	2A	43086	ZINC	12.00
268	YSB	2A	72684	ZINC	38.00
269	YSB	2A	82088	ZINC	19.33
270	YSB	2A	102984	ZINC	28.00

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OBS	SERIES	WELL	DATE	TESTNAME	VALUE
271	YSB	3A	20888	ZINC	35.0
272	YSB	3A	31487	ZINC	18.0
273	YSB	3A	43086	ZINC	36.0
274	YSB	3A	72684	ZINC	175.3
275	YSB	3A	82088	ZINC	23.0
276	YSB	3A	102984	ZINC	218.0

Statistical Comparison

TTEST PROCEDURE

***** TESTNAME=BARIUM *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	7	10.00000000	2.51661148	0.95118973	6.00000000	14.00000000
3A	7	8.00000000	8.42910051	2.42997159	2.00000000	22.00000000

Variances	T	Method	DF	Prob> T
Unequal	0.7664	Satterthwaite	7.8	0.4661
		Cochran	6.0	0.4725
Equal	0.7664		12.0	0.4582

For H0: Variances are equal, F' = 6.53 DF = (6,6) Prob>F' = 0.0381

***** TESTNAME=CHLORIDE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	9	5235.555556	2822.800520	940.933507	3200.000000	12630.00000
3A	9	7180.000000	5376.183591	1792.061197	2250.000000	19250.00000

Variances	T	Method	DF	Prob> T
Unequal	-0.9607	Satterthwaite	12.1	0.3555
		Cochran	8.0	0.3649
Equal	-0.9607		16.0	0.3510

For H0: Variances are equal, F' = 3.63 DF = (8,8) Prob>F' = 0.0869

***** TESTNAME=IRON *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	10	88.13333333	45.54984731	14.40406321	26.00000000	184.0000000
3A	10	64.95000000	30.79362308	9.73778883	31.00000000	110.0000000

Variances	T	Method	DF	Prob> T
Unequal	1.3334	Satterthwaite	15.8	0.2013
		Cochran	9.0	0.2152
Equal	1.3334		18.0	0.1990

For H0: Variances are equal, F' = 2.19 DF = (9,9) Prob>F' = 0.2590

***** TESTNAME=MANGANESE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	7	2.57142857	0.97590007	0.36885556	1.00000000	4.00000000
3A	7	3.00000000	1.52752523	0.57735027	1.00000000	5.00000000

Variances	T	Method	DF	Prob> T
Unequal	-0.6255	Satterthwaite	10.2	0.5454
		Cochran	6.0	0.5546
Equal	-0.6255		12.0	0.5433

For H0: Variances are equal, F' = 2.45 DF = (6,6) Prob>F' = 0.2998

***** TESTNAME=NITRATE AS NITROGEN *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	15	925.400000	233.640994	60.325845	730.000000	1700.00000
3A	15	7328.666667	5831.733223	1505.747043	350.000000	22100.00000

Variances	T	Method	DF	Prob> T
Unequal	-4.2491	Satterthwaite	14.0	0.0008
		Cochran	14.0	0.0008
Equal	-4.2491		28.0	0.0002

For H0: Variances are equal, F' = 623.01 DF = (14,14) Prob>F' = 0.0000

***** TESTNAME=PH *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	21	5.09523810	0.53895843	0.11761037	4.00000000	6.00000000
3A	21	6.04761905	0.49761335	0.10858814	5.00000000	7.00000000

Variances	T	Method	DF	Prob> T
Unequal	-5.9496	Satterthwaite	39.7	0.0001
		Cochran	20.0	0.0000
Equal	-5.9496		40.0	0.0000

For H0: Variances are equal, F' = 1.17 DF = (20,20) Prob>F' = 0.7246

***** TESTNAME=SCDIUM *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	15	5510.66667	4353.45752	1124.057898	3430.000000	20800.00000
3A	15	39079.66667	17502.32091	4519.079828	2325.000000	72750.00000

Variances	T	Method	DF	Prob> T
Unequal	-7.2086	Satterthwaite	15.7	0.0001
		Cochran	14.0	0.0000
Equal	-7.2086		28.0	0.0000

For H0: Variances are equal, F' = 16.16 DF = (14,14) Prob>F' = 0.0000

***** TESTNAME=SPECIFIC CONDUCTANCE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	21	45.1428571	9.40896229	2.05320390	30.0000000	67.0000000
3A	21	247.3809524	57.30137537	12.50418324	140.0000000	380.0000000

Variances	T	Method	DF	Prob> T
Unequal	-15.9599	Satterthwaite	21.1	0.0001
		Cochran	20.0	0.0000
Equal	-15.9599		40.0	0.0000

For H0: Variances are equal, F' = 37.09 DF = (20,20) Prob>F' = 0.0000

***** TESTNAME=TOTAL PHOSPHATES *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	7	25.2857143	13.8649953	5.2404756	10.00000000	50.00000000
3A	7	215.4285714	300.5987875	113.6156548	10.00000000	810.00000000

Variances	T	Method	DF	Prob> T
Unequal	-1.6718	Satterthwaite	6.0	0.1454
		Cochran	6.0	0.1456
Equal	-1.6718		12.0	0.1204

For H0: Variances are equal, F' = 470.04 DF = (6,6) Prob>F' = 0.0000

***** TESTNAME=ZINC *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	6	25.88888889	9.78131249	3.99320410	12.00000000	38.00000000
3A	6	84.25000000	88.44193010	36.10626677	18.00000000	218.00000000

Variances	T	Method	DF	Prob> T
Unequal	-1.6066	Satterthwaite	5.1	0.1679
		Cochran	5.0	0.1691
Equal	-1.6066		10.0	0.1392

For H0: Variances are equal, F' = 81.76 DF = (5,5) Prob>F' = 0.0001

GROUNDWATER MONITORING WELL

YSB4A

Raw Data

YSB	4A	031884	SPECIFIC CONDUCTANCE		125.0000	UMHC	FD
YSB	4A	031884	PH		5.5000	PH	FD
YSB	4A	042584	SPECIFIC CONDUCTANCE		145.0000	UMHC	FD
YSB	4A	042584	PH		5.3000	PH	FD
YSB	4A	072884	SILVER	LT	10.0000	UGL	EE
YSB	4A	072884	GROSS ALPHA		5.0000	PCL	CP
YSB	4A	072884	ARSENIC	LT	1.0000	UGL	EE
YSB	4A	072884	BARIUM		12.0000	UGL	EE
YSB	4A	072884	BERYLLIUM	LT	2.0000	UGL	EE
YSB	4A	072884	NONVOLATILE BETA		5.0000	PCL	CP
YSB	4A	072884	CADMIUM	LT	2.0000	UGL	EE
YSB	4A	072884	CHLORIDE		4840.0000	UGL	EE
YSB	4A	072884	COLOR		25.0000	APC	EE
YSB	4A	072884	SPECIFIC CONDUCTANCE		138.0000	UMHC	FD
YSB	4A	072884	CEROMIUM	LT	4.0000	UGL	EE
YSB	4A	072884	COPPER	LT	4.0000	UGL	EE
YSB	4A	072884	CYANIDE	LT	5.0000	UGL	EE
YSB	4A	072884	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	4A	072884	ENDRIN	LT	0.0400	UGL	EE
YSB	4A	072884	FLUORIDE	LT	100.0000	UGL	EE
YSB	4A	072884	IRON		168.0000	UGL	EE
YSB	4A	072884	GC SCAN	LT	40.0000	UGL	EE
YSB	4A	072884	MERCURY		0.2000	UGL	EE
YSB	4A	072884	LINDANE	LT	1.0000	UGL	EE
YSB	4A	072884	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	4A	072884	MANGANESE		9.0000	UGL	EE
YSB	4A	072884	SODIUM		11800.0000	UGL	EE
YSB	4A	072884	NICKEL	LT	4.0000	UGL	EE
YSB	4A	072884	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	4A	072884	NITRATE AS NITROGEN		4500.0000	UGL	EE
YSB	4A	072884	ODOR		0.0000	TBON	EE
YSB	4A	072884	LEAD	LT	4.0000	UGL	EE
YSB	4A	072884	PH		5.4000	PH	FD
YSB	4A	072884	PHENOLS		11.0000	UGL	EE
YSB	4A	072884	SELENIUM	LT	1.0000	UGL	EE
YSB	4A	072884	SILVEX	LT	2.0000	UGL	EE
YSB	4A	072884	SULFATE		26000.0000	UGL	EE
YSB	4A	072884	SULFIDE	LT	1000.0000	UGL	EE
YSB	4A	072884	SURFACTANTS	LT	10.0000	UGL	EE
YSB	4A	072884	TOTAL DISSOLVED SOLIDS		142000.0000	UGL	EE
YSB	4A	072884	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	4A	072884	TOTAL RADIUM		2.0000	PCL	CP
YSB	4A	072884	TOTAL ORGANIC HALOGENS		21.0000	UGL	MM
YSB	4A	072884	TURBIDITY		60.0000	TU	EE
YSB	4A	072884	TOXAPHENE	LT	1.0000	UGL	EE
YSB	4A	072884	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	4A	072884	ZINC		328.0000	UGL	EE
YSB	4A	102984	SILVER	LT	2.0000	UGL	EE
YSB	4A	102984	SILVER	LT	2.0000	UGL	EE
YSB	4A	102984	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	4A	102984	ARSENIC	LT	1.0000	UGL	EE
YSB	4A	102984	ARSENIC	LT	1.0000	UGL	EE
YSB	4A	102984	BARIUM		8.0000	UGL	EE
YSB	4A	102984	BARIUM		7.0000	UGL	EE
YSB	4A	102984	BERYLLIUM	LT	2.0000	UGL	EE
YSB	4A	102984	BERYLLIUM	LT	2.0000	UGL	EE
YSB	4A	102984	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	4A	102984	CADMIUM	LT	2.0000	UGL	EE
YSB	4A	102984	CADMIUM	LT	2.0000	UGL	EE
YSB	4A	102984	CHLORIDE		4700.0000	UGL	EE
YSB	4A	102984	COLOR		25.0000	APC	EE
YSB	4A	102984	SPECIFIC CONDUCTANCE		115.0000	UMHC	FD
YSB	4A	102984	CORROSIVITY		0.0018	MMY	EE
YSB	4A	102984	CHROMIUM	LT	4.0000	UGL	EE
YSB	4A	102984	CHROMIUM	LT	4.0000	UGL	EE
YSB	4A	102984	COPPER	LT	4.0000	UGL	EE
YSB	4A	102984	COPPER	LT	4.0000	UGL	EE
YSB	4A	102984	CYANIDE	LT	5.0000	UGL	EE
YSB	4A	102984	DISSOLVED ORGANIC CARBON		29700.0000	UGL	EE
YSB	4A	102984	DISSOLVED ORGANIC CARBON		29300.0000	UGL	EE
YSB	4A	102984	ENDRIN	LT	0.0400	UGL	EE
YSB	4A	102984	FLUORIDE	LT	100.0000	UGL	EE
YSB	4A	102984	IRON		58.0000	UGL	EE
YSB	4A	102984	IRON		62.0000	UGL	EE
YSB	4A	102984	GC SCAN	LT	40.0000	UGL	EE
YSB	4A	102984	MERCURY	LT	0.2000	UGL	EE
YSB	4A	102984	LINDANE	LT	1.0000	UGL	EE
YSB	4A	102984	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	4A	102984	MANGANESE		5.0000	UGL	EE
YSB	4A	102984	MANGANESE		8.0000	UGL	EE

YSB	4A	102984	SODIUM	14000.0000	UGL	EE
YSB	4A	102984	SODIUM	15200.0000	UGL	EE
YSB	4A	102984	NICKEL	4.0000	UGL	EE
YSB	4A	102984	NICKEL	4.0000	UGL	EE
YSB	4A	102984	NITRITE AS NITROGEN	500.0000	UGL	EE
YSB	4A	102984	NITRATE AS NITROGEN	3440.0000	UGL	EE
YSB	4A	102984	ODOR	0.0000	THON	EE
YSB	4A	102984	LEAD	4.0000	UGL	EE
YSB	4A	102984	LEAD	4.0000	UGL	EE
YSB	4A	102984	PH	5.0000	PH	FD
YSB	4A	102984	PHENOLS	4.0000	UGL	EE
YSB	4A	102984	SELENIUM	1.0000	UGL	EE
YSB	4A	102984	SELENIUM	1.0000	UGL	EE
YSB	4A	102984	SILVER	2.0000	UGL	EE
YSB	4A	102984	SULFATE	5000.0000	UGL	EE
YSB	4A	102984	SULFIDE	1000.0000	UGL	EE
YSB	4A	102984	SURFACTANTS	10.0000	UGL	EE
YSB	4A	102984	SURFACTANTS	10.0000	UGL	EE
YSB	4A	102984	TOTAL DISSOLVED SOLIDS	290000.0000	UGL	EE
YSB	4A	102984	TOTAL ORGANIC CARBON	5000.0000	UGL	EE
YSB	4A	102984	TOTAL RADIUM	2.0000	PCL	CP
YSB	4A	102984	TOTAL ORGANIC HALOGENS	9.0000	UGL	MM
YSB	4A	102984	TURBIDITY	10.3000	TU	EE
YSB	4A	102984	TOXAPHENE	1.0000	UGL	EE
YSB	4A	102984	2,4-DICHLOROPHENOXYACETIC ACID	20.0000	UGL	EE
YSB	4A	102984	ZINC	111.0000	UGL	EE
YSB	4A	102984	ZINC	107.0000	UGL	EE
YSB	4A	030585	SILVER	2.0000	UGL	EE
YSB	4A	030585	GROSS ALPHA	14.0000	PCL	CP
YSB	4A	030585	ARSENIC	1.0000	UGL	EE
YSB	4A	030585	BARIUM	14.0000	UGL	EE
YSB	4A	030585	NONVOLATILE BETA	17.0000	PCL	CP
YSB	4A	030585	CADMIUM	2.0000	UGL	EE
YSB	4A	030585	CHLORIDE	8740.0000	UGL	EE
YSB	4A	030585	SPECIFIC CONDUCTANCE	105.0000	UMHC	FD
YSB	4A	030585	CHROMIUM	4.0000	UGL	EE
YSB	4A	030585	ENDRIN	0.0400	UGL	EE
YSB	4A	030585	FLUORIDE	100.0000	UGL	EE
YSB	4A	030585	IRON	661.0000	UGL	EE
YSB	4A	030585	MERCURY	0.2200	UGL	EE
YSB	4A	030585	LINDANE	1.0000	UGL	EE
YSB	4A	030585	METHOXYCHLOR	20.0000	UGL	EE
YSB	4A	030585	MANGANESE	8.0000	UGL	EE
YSB	4A	030585	SODIUM	13000.0000	UGL	EE
YSB	4A	030585	NITRATE AS NITROGEN	3900.0000	UGL	EE
YSB	4A	030585	LEAD	8.0000	UGL	EE
YSB	4A	030585	PH	4.7000	PH	FD
YSB	4A	030585	PHENOLS	2.0000	UGL	EE
YSB	4A	030585	SELENIUM	1.0000	UGL	EE
YSB	4A	030585	SILVER	2.0000	UGL	EE
YSB	4A	030585	SULFATE	12000.0000	UGL	EE
YSB	4A	030585	TOTAL ORGANIC CARBON	12570.0000	UGL	EE
YSB	4A	030585	TOTAL ORGANIC CARBON	12510.0000	UGL	EE
YSB	4A	030585	TOTAL RADIUM	14.0000	PCL	CP
YSB	4A	030585	TOTAL ORGANIC HALOGENS	14.3000	UGL	EE
YSB	4A	030585	TURBIDITY	42.0000	TU	EE
YSB	4A	030585	TOXAPHENE	1.0000	UGL	EE
YSB	4A	030585	2,4-DICHLOROPHENOXYACETIC ACID	20.0000	UGL	EE
YSB	4A	042485	SPECIFIC CONDUCTANCE	85.0000	UMHC	FD
YSB	4A	042485	MERCURY	0.2000	UGL	EE
YSB	4A	042485	SODIUM	9000.0000	UGL	EE
YSB	4A	042485	NITRATE AS NITROGEN	3700.0000	UGL	EE
YSB	4A	042485	LEAD	4.0000	UGL	EE
YSB	4A	042485	PH	5.2000	PH	FD
YSB	4A	042485	TOTAL ORGANIC CARBON	557.0000	UGL	EE
YSB	4A	042485	TOTAL ORGANIC HALOGENS	5.0000	UGL	EE
YSB	4A	072385	SPECIFIC CONDUCTANCE	80.0000	UMHC	FD
YSB	4A	072385	MERCURY	0.2000	UGL	EE
YSB	4A	072385	SODIUM	11100.0000	UGL	EE
YSB	4A	072385	NITRATE AS NITROGEN	1200.0000	UGL	EE
YSB	4A	072385	LEAD	4.0000	UGL	EE
YSB	4A	072385	PH	5.3000	PH	FD
YSB	4A	072385	TOTAL ORGANIC CARBON	2120.0000	UGL	EE
YSB	4A	072385	TOTAL ORGANIC HALOGENS	5.0000	UGL	EE
YSB	4A	110585	SPECIFIC CONDUCTANCE	33.0000	UMHC	FD
YSB	4A	110585	MERCURY	0.2000	UGL	EE
YSB	4A	110585	SODIUM	9110.0000	UGL	EE
YSB	4A	110585	NITRATE AS NITROGEN	1800.0000	UGL	EE
YSB	4A	110585	LEAD	5.0000	UGL	EE
YSB	4A	110585	PH	4.5000	PH	FD

YSB	4A	110585	TOTAL ORGANIC CARBON			970.0000	UGL	EE
YSB	4A	110585	TOTAL ORGANIC HALOGENS	LT		5.0000	UGL	EE
YSB	4A	032886	GROSS ALPHA			9.0000	PCL	CF
YSB	4A	032886	NONVOLATILE BETA			4.0000	PCL	CF
YSB	4A	032886	CADMIUM	LT		2.0000	UGL	EE
YSB	4A	032886	CHLORIDE			3800.0000	UGL	EE
YSB	4A	032886	SPECIFIC CONDUCTANCE			93.0000	UMHC	FD
YSB	4A	032886	FLUORIDE	LT		100.0000	UGL	EE
YSB	4A	032886	IRON			93.0000	UGL	EE
YSB	4A	032886	MERCURY	LT		0.2000	UGL	EE
YSB	4A	032886	MERCURY	LT		0.2000	UGL	EE
YSB	4A	032886	MANGANESE			16.0000	UGL	EE
YSB	4A	032886	SODIUM			10900.0000	UGL	EE
YSB	4A	032886	NITRATE AS NITROGEN			8700.0000	UGL	EE
YSB	4A	032886	PH			5.0000	PH	FD
YSB	4A	032886	PHENOLS	LT		2.0000	UGL	EE
YSB	4A	032886	SULFATE			5000.0000	UGL	EE
YSB	4A	032886	TOTAL ORGANIC CARBON			5000.0000	UGL	EE
YSB	4A	032886	TOTAL ORGANIC CARBON			5000.0000	UGL	EE
YSB	4A	032886	TOTAL RADIUM			2.0000	PCL	CF
YSB	4A	032886	TOTAL ORGANIC HALOGENS			5.0000	UGL	EE
YSB	4A	043086	SPECIFIC CONDUCTANCE			105.0000	UMHC	FD
YSB	4A	043086	PH			5.3000	PH	FD
YSB	4A	043086	ZINC			61.0000	UGL	EE
YSB	4A	043086	ZINC			63.0000	UGL	EE
YSB	4A	092086	GROSS ALPHA	LT		3.0000	PCL	RM
YSB	4A	092086	SPECIFIC CONDUCTANCE			50.0000	UMHC	FD
YSB	4A	092086	MERCURY	LT		0.2000	UGL	EE
YSB	4A	092086	SODIUM			6700.0000	UGL	EE
YSB	4A	092086	NITRATE AS NITROGEN			1500.0000	UGL	EE
YSB	4A	092086	PH			5.4000	PH	FD
YSB	4A	092086	TOTAL ORGANIC CARBON	LT		1000.0000	UGL	EE
YSB	4A	092086	TOTAL ORGANIC CARBON	LT		1000.0000	UGL	EE
YSB	4A	092086	TOTAL RADIUM	LT		1.0000	PCL	RM
YSB	4A	092086	TOTAL ORGANIC HALOGENS	LT		5.0000	UGL	EE
YSB	4A	112286	GROSS ALPHA	LT		3.0000	PCL	RM
YSB	4A	112286	NONVOLATILE BETA			1.4000	PCL	RM
YSB	4A	112286	SPECIFIC CONDUCTANCE			63.0000	UMHC	FD
YSB	4A	112286	SODIUM			7910.0000	UGL	EE
YSB	4A	112286	SODIUM			7940.0000	UGL	EE
YSB	4A	112286	NICKEL			7.0000	UGL	EE
YSB	4A	112286	NICKEL			6.0000	UGL	EE
YSB	4A	112286	NITRATE AS NITROGEN			1410.0000	UGL	EE
YSB	4A	112286	PH			5.0000	PH	FD
YSB	4A	112286	TOTAL RADIUM	LT		1.0000	PCL	RM
YSB	4A	112286	TOTAL ORGANIC HALOGENS	LT		5.0000	UGL	EE
YSB	4A	112286	TOTAL PHOSPHATES			456.0000	UGL	EE
YSB	4A	031487	SILVER	LT		2.0000	UGL	EE
YSB	4A	031487	GROSS ALPHA			6.3000	PCL	RM
YSB	4A	031487	ARSENIC	LT		2.0000	UGL	EE
YSB	4A	031487	BARIUM			26.0000	UGL	EE
YSB	4A	031487	NONVOLATILE BETA			8.7000	PCL	RM
YSB	4A	031487	CALCIUM			4280.0000	UGL	EE
YSB	4A	031487	CADMIUM			2.0000	UGL	EE
YSB	4A	031487	CHLORIDE			4300.0000	UGL	EE
YSB	4A	031487	SPECIFIC CONDUCTANCE			150.0000	UMHC	FD
YSB	4A	031487	SPECIFIC CONDUCTANCE			149.0000	UMHC	CF
YSB	4A	031487	CHROMIUM	LT		4.0000	UGL	EE
YSB	4A	031487	FLUORIDE	LT		100.0000	UGL	EE
YSB	4A	031487	IRON			40.0000	UGL	EE
YSB	4A	031487	MERCURY	LT		0.2000	UGL	EE
YSB	4A	031487	POTASSIUM			1720.0000	UGL	EE
YSB	4A	031487	MAGNESIUM			1330.0000	UGL	EE
YSB	4A	031487	MANGANESE			16.0000	UGL	EE
YSB	4A	031487	SODIUM			18100.0000	UGL	EE
YSB	4A	031487	NICKEL			5.0000	UGL	EE
YSB	4A	031487	NITRATE AS NITROGEN			11700.0000	UGL	EE
YSB	4A	031487	LEAD	LT		6.0000	UGL	EE
YSB	4A	031487	PH			5.1000	PH	FD
YSB	4A	031487	PH			5.4600	PH	EE
YSB	4A	031487	PHENOLS	LT		2.0000	UGL	EE
YSB	4A	031487	SELENIUM	LT		2.0000	UGL	EE
YSB	4A	031487	SILICA			4240.0000	UGL	EE
YSB	4A	031487	SULFATE	LT		3000.0000	UGL	EE
YSB	4A	031487	TOTAL DISSOLVED SOLIDS			108000.0000	UGL	EE
YSB	4A	031487	TOTAL ORGANIC CARBON			1400.0000	UGL	EE
YSB	4A	031487	TOTAL RADIUM			1.9000	PCL	RM
YSB	4A	031487	TOTAL ORGANIC HALOGENS	LT		5.0000	UGL	EE
YSB	4A	031487	TOTAL PHOSPHATES			140.0000	UGL	EE
YSB	4A	031487	TRITIUM			4.7700	PCML	RM

YSB	4A	031487	ZINC		28.0000	UGL	EE
YSB	4A	050487	SPECIFIC CONDUCTANCE		180.0000	UMHC	FD
YSB	4A	050487	PH		5.0000	PH	FD
YSB	4A	050487	TOTAL PHOSPHATES		310.0000	UGL	EE
YSB	4A	050487	TOTAL PHOSPHATES		320.0000	UGL	EE
YSB	4A	073087	GROSS ALPHA		2.9000	PCL	RM
YSB	4A	073087	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	4A	073087	SPECIFIC CONDUCTANCE		180.0000	UMHC	FD
YSB	4A	073087	IRON		88.0000	UGL	EE
YSB	4A	073087	MERCURY	LT	0.2000	UGL	EE
YSB	4A	073087	MERCURY	LT	0.2000	UGL	EE
YSB	4A	073087	SODIUM		22000.0000	UGL	EE
YSB	4A	073087	NICKEL		8.0000	UGL	EE
YSB	4A	073087	NITRATE AS NITROGEN		8720.0000	UGL	EE
YSB	4A	073087	PH		5.9000	PH	FD
YSB	4A	073087	TOTAL ORGANIC CARBON		1800.0000	UGL	EE
YSB	4A	073087	TOTAL RADIUM		1.4000	PCL	RM
YSB	4A	073087	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	4A	073087	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	4A	100987	SPECIFIC CONDUCTANCE		85.0000	UMHC	FD
YSB	4A	100987	PH		5.8000	PH	FD
YSB	4A	020888	GROSS ALPHA	LT	3.0000	PCL	EE
YSB	4A	020888	NONVOLATILE BETA		2.3000	PCL	EE
YSB	4A	020888	CHLORIDE		3700.0000	UGL	EE
YSB	4A	020888	SPECIFIC CONDUCTANCE		52.0000	UMHC	FD
YSB	4A	020888	IRON		58.0000	UGL	EE
YSB	4A	020888	SODIUM		7990.0000	UGL	EE
YSB	4A	020888	NITRATE AS NITROGEN	LT	50.0000	UGL	EE
YSB	4A	020888	PH		5.5000	PH	FD
YSB	4A	020888	SULFATE		5000.0000	UGL	EE
YSB	4A	020888	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	4A	020888	TOTAL PHOSPHATES		40.0000	UGL	EE
YSB	4A	020888	ZINC		44.0000	UGL	EE
YSB	4A	052188	SPECIFIC CONDUCTANCE		74.0000	UMHC	FD
YSB	4A	052188	PH		5.8000	PH	FD
YSB	4A	080288	SILVER	LT	2.0000	UGL	EE
YSB	4A	080288	GROSS ALPHA		1.3800	PCL	EE
YSB	4A	080288	GROSS ALPHA		2.0900	PCL	EE
YSB	4A	080288	ARSENIC	LT	2.0000	UGL	EE
YSB	4A	080288	BARIUM		15.0000	UGL	EE
YSB	4A	080288	BERYLLIUM	LT	5.0000	UGL	EE
YSB	4A	080288	NONVOLATILE BETA		1.1200	PCL	EE
YSB	4A	080288	NONVOLATILE BETA		2.2000	PCL	EE
YSB	4A	080288	CALCIUM		2140.0000	UGL	EE
YSB	4A	080288	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	4A	080288	CADMIUM	LT	2.0000	UGL	EE
YSB	4A	080288	CHLOROFORM	LT	1.0000	UGL	EE
YSB	4A	080288	CHLORIDE		8000.0000	UGL	EE
YSB	4A	080288	CHLORIDE		8000.0000	UGL	EE
YSB	4A	080288	SPECIFIC CONDUCTANCE		89.0000	UMHC	FD
YSB	4A	080288	CHROMIUM	LT	4.0000	UGL	EE
YSB	4A	080288	COPPER		5.0000	UGL	EE
YSB	4A	080288	FLUORIDE		120.0000	UGL	EE
YSB	4A	080288	IRON		48.0000	UGL	EE
YSB	4A	080288	IRON		19.0000	UGL	EE
YSB	4A	080288	MERCURY	LT	0.2000	UGL	EE
YSB	4A	080288	MERCURY		0.2800	UGL	EE
YSB	4A	080288	POTASSIUM		797.0000	UGL	EE
YSB	4A	080288	MAGNESIUM		567.0000	UGL	EE
YSB	4A	080288	MANGANESE		11.0000	UGL	EE
YSB	4A	080288	SODIUM		7620.0000	UGL	EE
YSB	4A	080288	NICKEL		8.0000	UGL	EE
YSB	4A	080288	NITRATE AS NITROGEN		2800.0000	UGL	EE
YSB	4A	080288	LEAD	LT	6.0000	UGL	EE
YSB	4A	080288	PH		5.3000	PH	FD
YSB	4A	080288	PHENOLS	LT	5.0000	UGL	EE
YSB	4A	080288	SELENIUM	LT	2.0000	UGL	EE
YSB	4A	080288	SILICA		3790.0000	UGL	EE
YSB	4A	080288	SULFATE	LT	5000.0000	UGL	EE
YSB	4A	080288	SULFATE	LT	5000.0000	UGL	EE
YSB	4A	080288	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	4A	080288	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	4A	080288	TOTAL RADIUM		0.8700	PCL	EE
YSB	4A	080288	TOTAL RADIUM		0.5800	PCL	EE
YSB	4A	080288	TOTAL ORGANIC HALOGENS		889.0000	UGL	EE
YSB	4A	080288	TOTAL ORGANIC HALOGENS		299.0000	UGL	EE
YSB	4A	080288	TOTAL PHOSPHATES		100.0000	UGL	EE
YSB	4A	080288	TOTAL PHOSPHATES		110.0000	UGL	EE
YSB	4A	080288	TRICHLOROETHYLENE		2.0000	UGL	EE
YSB	4A	080288	TRITIUM		3.2200	PCML	EE

YSB	4A	121788	CHLOROMETHANE	LT	10.0000	UGL	EE
YSB	4A	121788	CHLOROMETHANE	LT	10.0000	UGL	EE
YSB	4A	121788	CHLORIDE		7000.0000	UGL	EW
YSB	4A	121788	CHLORIDE		8400.0000	UGL	EE
YSB	4A	121788	CHLORIDE		8400.0000	UGL	EE
YSB	4A	121788	CHLOROBENZENE	LT	10.0000	UGL	EW
YSB	4A	121788	CHLOROBENZENE	LT	5.0000	UGL	WA
YSB	4A	121788	CHLOROBENZENE		88.0000	PER	WA
YSB	4A	121788	CHLOROBENZENE		90.0000	PER	WA
YSB	4A	121788	CHLOROBENZENE	LT	5.0000	UGL	EE
YSB	4A	121788	CHLOROBENZENE	LT	5.0000	UGL	EE
YSB	4A	121788	COBALT	LT	50.0000	UGL	WA
YSB	4A	121788	SPECIFIC CONDUCTANCE		64.0000	UMHC	FD
YSB	4A	121788	SPECIFIC CONDUCTANCE		64.0000	UMHC	FD
YSB	4A	121788	SPECIFIC CONDUCTANCE		61.3000	UMHC	EE
YSB	4A	121788	SPECIFIC CONDUCTANCE		62.6000	UMHC	EE
YSB	4A	121788	CHROMIUM	LT	50.0000	UGL	EW
YSB	4A	121788	CHROMIUM	LT	10.0000	UGL	WA
YSB	4A	121788	CHROMIUM	LT	4.0000	UGL	EE
YSB	4A	121788	CHROMIUM	LT	4.0000	UGL	EE
YSB	4A	121788	CHROMIUM	LT	4.0000	UGL	EE
YSB	4A	121788	CARBON DISULFIDE	LT	5.0000	UGL	WA
YSB	4A	121788	CARBON DISULFIDE	LT	5.0000	UGL	WA
YSB	4A	121788	CARBON DISULFIDE	LT	5.0000	UGL	WA
YSB	4A	121788	COPPER	LT	25.0000	UGL	WA
YSB	4A	121788	CHLOROETHENE	LT	10.0000	UGL	EW
YSB	4A	121788	CHLOROETHENE	LT	10.0000	UGL	WA
YSB	4A	121788	CHLOROETHENE	LT	10.0000	UGL	WA
YSB	4A	121788	CHLOROETHENE	LT	10.0000	UGL	WA
YSB	4A	121788	CHLOROETHENE	LT	10.0000	UGL	EE
YSB	4A	121788	CHLOROETHENE	LT	10.0000	UGL	EE
YSB	4A	121788	CHLOROETHANE	LT	10.0000	UGL	EW
YSB	4A	121788	CHLOROETHANE	LT	10.0000	UGL	WA
YSB	4A	121788	CHLOROETHANE	LT	10.0000	UGL	WA
YSB	4A	121788	CHLOROETHANE	LT	10.0000	UGL	WA
YSB	4A	121788	CHLOROETHANE	LT	10.0000	UGL	EE
YSB	4A	121788	CHLOROETHANE	LT	10.0000	UGL	EE
YSB	4A	121788	BENZENE	LT	10.0000	UGL	EW
YSB	4A	121788	BENZENE	LT	5.0000	UGL	WA
YSB	4A	121788	BENZENE		105.0000	PER	WA
YSB	4A	121788	BENZENE		104.0000	PER	WA
YSB	4A	121788	BENZENE	LT	5.0000	UGL	EE
YSB	4A	121788	BENZENE	LT	5.0000	UGL	EE
YSB	4A	121788	DIBROMOCHLOROMETHANE	LT	10.0000	UGL	EW
YSB	4A	121788	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	WA
YSB	4A	121788	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	WA
YSB	4A	121788	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	WA
YSB	4A	121788	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	EE
YSB	4A	121788	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	EE
YSB	4A	121788	ETHYLBENZENE	LT	10.0000	UGL	EW
YSB	4A	121788	ETHYLBENZENE	LT	5.0000	UGL	WA
YSB	4A	121788	ETHYLBENZENE	LT	5.0000	UGL	WA
YSB	4A	121788	ETHYLBENZENE	LT	5.0000	UGL	WA
YSB	4A	121788	ETHYLBENZENE	LT	5.0000	UGL	EE
YSB	4A	121788	ETHYLBENZENE	LT	5.0000	UGL	EE
YSB	4A	121788	FLUORIDE	LT	100.0000	UGL	EW
YSB	4A	121788	FLUORIDE	LT	100.0000	UGL	WA
YSB	4A	121788	FLUORIDE	LT	100.0000	UGL	EE
YSB	4A	121788	FLUORIDE	LT	100.0000	UGL	EE
YSB	4A	121788	IRON		70.0000	UGL	EW
YSB	4A	121788	IRON		130.0000	UGL	WA
YSB	4A	121788	IRON		96.0000	UGL	EE
YSB	4A	121788	IRON		96.0000	UGL	EE
YSB	4A	121788	IRON		246.0000	UGL	EE
YSB	4A	121788	MERCURY	LT	0.5000	UGL	EW
YSB	4A	121788	MERCURY	LT	0.2000	UGL	WA
YSB	4A	121788	MERCURY	LT	0.2000	UGL	EE
YSB	4A	121788	MERCURY		0.4000	UGL	EE
YSB	4A	121788	POTASSIUM		700.0000	UGL	EW
YSB	4A	121788	POTASSIUM	LT	5000.0000	UGL	WA
YSB	4A	121788	TOLUENE-D8		107.0000	PER	WA
YSB	4A	121788	TOLUENE-D8		108.0000	PER	WA
YSB	4A	121788	TOLUENE-D8		112.0000	PER	WA
YSB	4A	121788	TOLUENE-D8		100.0000	PER	EE
YSB	4A	121788	TOLUENE-D8		101.0000	PER	EE
YSB	4A	121788	TOLUENE	LT	10.0000	UGL	EW
YSB	4A	121788	TOLUENE	LT	5.0000	UGL	WA
YSB	4A	121788	TOLUENE		92.0000	PER	WA
YSB	4A	121788	TOLUENE		97.0000	PER	WA
YSB	4A	121788	TOLUENE	LT	5.0000	UGL	EE

YSB	4A	121788	TOLUENE	LT	5.0000	UGL	EE
YSB	4A	121788	METHYLETHYL KETONE	LT	10.0000	UGL	WA
YSB	4A	121788	METHYLETHYL KETONE	LT	10.0000	UGL	WA
YSB	4A	121788	METHYLETHYL KETONE	LT	10.0000	UGL	WA
YSB	4A	121788	MAGNESIUM		550.0000	UGL	EW
YSB	4A	121788	MAGNESIUM	LT	5000.0000	UGL	WA
YSB	4A	121788	MANGANESE	LT	20.0000	UGL	EW
YSB	4A	121788	MANGANESE	LT	15.0000	UGL	WA
YSB	4A	121788	MANGANESE		8.0000	UGL	EE
YSB	4A	121788	MANGANESE		9.0000	UGL	EE
YSB	4A	121788	MANGANESE		11.0000	UGL	EE
YSB	4A	121788	SODIUM		8700.0000	UGL	EW
YSB	4A	121788	SODIUM		7030.0000	UGL	WA
YSB	4A	121788	SODIUM		5470.0000	UGL	EE
YSB	4A	121788	SODIUM		5710.0000	UGL	EE
YSB	4A	121788	SODIUM		6560.0000	UGL	EE
YSB	4A	121788	NICKEL	LT	40.0000	UGL	WA
YSB	4A	121788	NITRATE AS NITROGEN		1600.0000	UGL	EW
YSB	4A	121788	NITRATE AS NITROGEN		2200.0000	UGL	WA
YSB	4A	121788	NITRATE AS NITROGEN		1510.0000	UGL	EE
YSB	4A	121788	NITRATE AS NITROGEN		1620.0000	UGL	EE
YSB	4A	121788	LEAD	LT	100.0000	UGL	EW
YSB	4A	121788	LEAD	LT	5.0000	UGL	WA
YSB	4A	121788	LEAD	LT	6.0000	UGL	EE
YSB	4A	121788	LEAD	LT	6.0000	UGL	EE
YSB	4A	121788	LEAD	LT	6.0000	UGL	EE
YSB	4A	121788	P-BROMOFLUOROBENZENE		109.0000	PER	WA
YSB	4A	121788	P-BROMOFLUOROBENZENE		109.0000	PER	WA
YSB	4A	121788	P-BROMOFLUOROBENZENE		119.0000	PER	WA
YSB	4A	121788	P-BROMOFLUOROBENZENE		104.0000	PER	EE
YSB	4A	121788	P-BROMOFLUOROBENZENE		104.0000	PER	EE
YSB	4A	121788	PH		5.5000	PH	FD
YSB	4A	121788	PH		5.5000	PH	FD
YSB	4A	121788	PH		5.1500	PH	EE
YSB	4A	121788	PH		5.1800	PH	EE
YSB	4A	121788	PHENOLS	LT	50.0000	UGL	EW
YSB	4A	121788	PHENOLS	LT	5.0000	UGL	WA
YSB	4A	121788	PHENOLS	LT	5.0000	UGL	EE
YSB	4A	121788	PHENOLS	LT	5.0000	UGL	EE
YSB	4A	121788	ANTIMONY	LT	60.0000	UGL	WA
YSB	4A	121788	SELENIUM	LT	10.0000	UGL	EW
YSB	4A	121788	SELENIUM	LT	5.0000	UGL	WA
YSB	4A	121788	SELENIUM	LT	2.0000	UGL	EE
YSB	4A	121788	SELENIUM	LT	2.0000	UGL	EE
YSB	4A	121788	TIN	LT	100.0000	UGL	WA
YSB	4A	121788	SULFATE	LT	5000.0000	UGL	EW
YSB	4A	121788	SULFATE	LT	5000.0000	UGL	WA
YSB	4A	121788	SULFATE	LT	5000.0000	UGL	EE
YSB	4A	121788	SULFATE	LT	5000.0000	UGL	EE
YSB	4A	121788	STYRENE	LT	5.0000	UGL	WA
YSB	4A	121788	STYRENE	LT	5.0000	UGL	WA
YSB	4A	121788	STYRENE	LT	5.0000	UGL	WA
YSB	4A	121788	1,1,2,2-TETRACHLOROETHANE	LT	10.0000	UGL	EW
YSB	4A	121788	1,1,2,2-TETRACHLOROETHANE	LT	5.0000	UGL	WA
YSB	4A	121788	1,1,2,2-TETRACHLOROETHANE	LT	5.0000	UGL	WA
YSB	4A	121788	1,1,2,2-TETRACHLOROETHANE	LT	5.0000	UGL	WA
YSB	4A	121788	1,1,2,2-TETRACHLOROETHANE	LT	10.0000	UGL	EE
YSB	4A	121788	1,1,2,2-TETRACHLOROETHANE	LT	10.0000	UGL	EE
YSB	4A	121788	TETRACHLOROETHYLENE	LT	10.0000	UGL	EW
YSB	4A	121788	TETRACHLOROETHYLENE	LT	5.0000	UGL	WA
YSB	4A	121788	TETRACHLOROETHYLENE	LT	5.0000	UGL	WA
YSB	4A	121788	TETRACHLOROETHYLENE	LT	5.0000	UGL	WA
YSB	4A	121788	TETRACHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	4A	121788	TETRACHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	4A	121788	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EW
YSB	4A	121788	TOTAL ORGANIC CARBON		510.0000	UGL	WA
YSB	4A	121788	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	4A	121788	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	4A	121788	TOTAL RADIUM		1.4000	PCL	EW
YSB	4A	121788	TOTAL RADIUM		0.9000	PCL	WA
YSB	4A	121788	TOTAL RADIUM		0.8600	PCL	RM
YSB	4A	121788	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	4A	121788	TOTAL ORGANIC HALOGENS	LT	10.0000	UGL	EW
YSB	4A	121788	TOTAL ORGANIC HALOGENS	LT	10.0000	UGL	WA
YSB	4A	121788	TOTAL ORGANIC HALOGENS	LT	10.0000	UGL	WA
YSB	4A	121788	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	4A	121788	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	4A	121788	TRICHLOROETHYLENE	LT	10.0000	UGL	EW
YSB	4A	121788	TRICHLOROETHYLENE	LT	5.0000	UGL	WA
YSB	4A	121788	TRICHLOROETHYLENE		79.0000	PER	WA

YSE	4A	121788	TRICHLOROETHYLENE			75.0000	PER	WA
YSB	4A	121788	TRICHLOROETHYLENE	LT		5.0000	UGL	EE
YSB	4A	121788	TRICHLOROETHYLENE	LT		5.0000	UGL	EE
YSB	4A	121788	TRANS-1,2-DICHLOROETHENE	LT		10.0000	UGL	EW
YSB	4A	121788	TRANS-1,2-DICHLOROETHENE	LT		5.0000	UGL	WA
YSB	4A	121788	TRANS-1,2-DICHLOROETHENE	LT		5.0000	UGL	WA
YSB	4A	121788	TRANS-1,2-DICHLOROETHENE	LT		5.0000	UGL	EE
YSB	4A	121788	TRANS-1,2-DICHLOROETHENE	LT		5.0000	UGL	EE
YSB	4A	121788	URANIUM	LT		1000.0000	UGL	WA
YSB	4A	121788	VINYL ACETATE	LT		10.0000	UGL	WA
YSB	4A	121788	VINYL ACETATE	LT		10.0000	UGL	WA
YSB	4A	121788	VINYL ACETATE	LT		10.0000	UGL	WA
YSB	4A	121788	XYLENES	LT		5.0000	UGL	WA
YSB	4A	121788	XYLENES	LT		5.0000	UGL	WA
YSB	4A	121788	XYLENES	LT		5.0000	UGL	WA
YSB	4A	121788	1,1-DICHLOROETHYLENE	LT		10.0000	UGL	EW
YSB	4A	121788	1,1-DICHLOROETHYLENE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1-DICHLOROETHYLENE			82.0000	PER	WA
YSB	4A	121788	1,1-DICHLOROETHYLENE			82.0000	PER	WA
YSB	4A	121788	1,1-DICHLOROETHYLENE	LT		5.0000	UGL	EE
YSB	4A	121788	1,1-DICHLOROETHYLENE	LT		5.0000	UGL	EE
YSB	4A	121788	1,1-DICHLOROETHANE	LT		10.0000	UGL	EW
YSB	4A	121788	1,1-DICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1-DICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1-DICHLOROETHANE	LT		5.0000	UGL	EE
YSB	4A	121788	1,1-DICHLOROETHANE	LT		5.0000	UGL	EE
YSB	4A	121788	1,1,1-TRICHLOROETHANE	LT		10.0000	UGL	EW
YSB	4A	121788	1,1,1-TRICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1,1-TRICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1,1-TRICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1,1-TRICHLOROETHANE	LT		5.0000	UGL	EE
YSB	4A	121788	1,1,1-TRICHLOROETHANE	LT		5.0000	UGL	EE
YSB	4A	121788	1,1,2-TRICHLOROETHANE	LT		10.0000	UGL	EW
YSB	4A	121788	1,1,2-TRICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1,2-TRICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1,2-TRICHLOROETHANE	LT		5.0000	UGL	WA
YSB	4A	121788	1,1,2-TRICHLOROETHANE	LT		5.0000	UGL	EE
YSB	4A	121788	1,1,2-TRICHLOROETHANE	LT		5.0000	UGL	EE
YSB	4A	121788	1,2-DICHLOROETHANE-D4			124.0000	PER	WA
YSB	4A	121788	1,2-DICHLOROETHANE-D4			125.0000	PER	WA
YSB	4A	121788	1,2-DICHLOROETHANE-D4			129.0000	PER	WA
YSB	4A	121788	1,2-DICHLOROETHANE-D4			95.0000	PER	EE
YSB	4A	121788	1,2-DICHLOROETHANE-D4			92.0000	PER	EE
YSB	4A	121788	1,2-DICHLOROETHANE	LT		10.0000	UGL	EW
YSB	4A	121788	1,2-DICHLOROETHANE	LT		10.0000	UGL	EW
YSB	4A	121788	1,2-DICHLOROETHANE	LT	</			

YSB 4A 121788 4-METHYL-2-PENTANONE
 YSB 4A 121788 ZINC
 YSB 4A 031689 SILVER
 YSB 4A 031689 GROSS ALPHA
 YSB 4A 031689 ARSENIC
 YSB 4A 031689 ARSENIC
 YSB 4A 031689 BARIUM
 YSB 4A 031689 NONVOLATILE BETA
 YSB 4A 031689 CARBON TETRACHLORIDE
 YSB 4A 031689 CADMIUM
 YSB 4A 031689 CHLOROFORM
 YSB 4A 031689 CHLORIDE
 YSB 4A 031689 SPECIFIC CONDUCTANCE
 YSB 4A 031689 CHROMIUM
 YSB 4A 031689 FLUORIDE
 YSB 4A 031689 IRON
 YSB 4A 031689 MERCURY
 YSB 4A 031689 SODIUM
 YSB 4A 031689 NITRATE AS NITROGEN
 YSB 4A 031689 LEAD
 YSB 4A 031689 PH
 YSB 4A 031689 SELENIUM
 YSB 4A 031689 SELENIUM
 YSB 4A 031689 SULFATE
 YSB 4A 031689 TETRACHLOROETHYLENE
 YSB 4A 031689 TOTAL RADIUM
 YSB 4A 031689 TOTAL ORGANIC HALOGENS
 YSB 4A 031689 TOTAL PHOSPHATES
 YSB 4A 031689 TRICHLOROETHYLENE
 YSB 4A 031689 1,1,1-TRICHLOROETHANE

LT 10.0000 UGL WA
 84.1000 UGL WA
 LT 2.0000 UGL EE
 LT 3.0000 PCL RM
 LT 2.0000 UGL EE
 LT 2.0000 UGL EE
 9.0000 UGL EE
 1.5600 PCL RM
 LT 1.0000 UGL EE
 LT 2.0000 UGL EE
 LT 1.0000 UGL EE
 6500.0000 UGL EE
 67.0000 UMBC FD
 LT 4.0000 UGL EE
 LT 100.0000 UGL EE
 163.0000 UGL EE
 LT 0.2000 UGL EE
 8140.0000 UGL EE
 1290.0000 UGL EE
 LT 6.0000 UGL EE
 5.5000 PH FD
 LT 2.0000 UGL EE
 LT 2.0000 UGL EE
 LT 5000.0000 UGL EE
 LT 1.0000 UGL EE
 LT 1.0000 PCL RM
 LT 5.0000 UGL EE
 37.0000 UGL EE
 LT 1.0000 UGL EE
 LT 1.0000 UGL EE

T-Test Data

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
1	YSB	2A	30585	BARIUM	10.00
2	YSB	2A	31487	BARIUM	14.00
3	YSB	2A	31689	BARIUM	11.00
4	YSB	2A	72684	BARIUM	6.00
5	YSB	2A	82088	BARIUM	8.00
6	YSB	2A	102984	BARIUM	10.00
7	YSB	2A	122688	BARIUM	11.00
8	YSB	4A	30585	BARIUM	14.00
9	YSB	4A	31487	BARIUM	26.00
10	YSB	4A	31689	BARIUM	9.00
11	YSB	4A	72684	BARIUM	12.00
12	YSB	4A	80288	BARIUM	15.00
13	YSB	4A	102984	BARIUM	7.50
14	YSB	4A	121788	BARIUM	11.00
15	YSB	2A	20888	CHLORIDE	3200.00
16	YSB	2A	30585	CHLORIDE	12630.00
17	YSB	2A	31487	CHLORIDE	3900.00
18	YSB	2A	31689	CHLORIDE	5000.00
19	YSB	2A	32886	CHLORIDE	4300.00
20	YSB	2A	72684	CHLORIDE	4840.00
21	YSB	2A	82088	CHLORIDE	4500.00
22	YSB	2A	102984	CHLORIDE	4250.00
23	YSB	2A	122688	CHLORIDE	4500.00
24	YSB	4A	20888	CHLORIDE	3700.00
25	YSB	4A	30585	CHLORIDE	8740.00
26	YSB	4A	31487	CHLORIDE	4300.00
27	YSB	4A	31689	CHLORIDE	6500.00
28	YSB	4A	32886	CHLORIDE	3800.00
29	YSB	4A	72684	CHLORIDE	4840.00
30	YSB	4A	80288	CHLORIDE	6000.00
31	YSB	4A	102984	CHLORIDE	4700.00
32	YSB	4A	121788	CHLORIDE	6400.00
33	YSB	4A	20888	GROSS ALPHA	1.50
34	YSB	4A	30585	GROSS ALPHA	14.00
35	YSB	4A	31487	GROSS ALPHA	6.00
36	YSB	4A	31689	GROSS ALPHA	1.50
37	YSB	4A	32886	GROSS ALPHA	9.00
38	YSB	4A	72684	GROSS ALPHA	5.00
39	YSB	4A	73087	GROSS ALPHA	3.00
40	YSB	4A	80288	GROSS ALPHA	1.50
41	YSB	4A	82088	GROSS ALPHA	1.50
42	YSB	4A	102984	GROSS ALPHA	1.00
43	YSB	4A	112286	GROSS ALPHA	1.50
44	YSB	4A	121788	GROSS ALPHA	1.12
45	YSB	2A	20888	IRON	48.00
46	YSB	2A	30585	IRON	184.00
47	YSB	2A	31487	IRON	90.00
48	YSB	2A	31689	IRON	62.00
49	YSB	2A	32886	IRON	71.00
50	YSB	2A	72684	IRON	136.00
51	YSB	2A	73087	IRON	90.00
52	YSB	2A	82088	IRON	106.33
53	YSB	2A	102984	IRON	26.00
54	YSB	2A	122688	IRON	68.00

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
55	YSB	4A	20888	IRON	58.00
56	YSB	4A	30585	IRON	661.00
57	YSB	4A	31487	IRON	40.00
58	YSB	4A	31689	IRON	183.00
59	YSB	4A	32886	IRON	93.00
60	YSB	4A	72684	IRON	169.00
61	YSB	4A	73087	IRON	68.00
62	YSB	4A	80288	IRON	32.50
63	YSB	4A	102984	IRON	59.00
64	YSB	4A	121788	IRON	146.00
65	YSB	2A	30585	MANGANESE	4.00
66	YSB	2A	31487	MANGANESE	3.00
67	YSB	2A	32886	MANGANESE	1.00
68	YSB	2A	72684	MANGANESE	3.00
69	YSB	2A	82088	MANGANESE	2.00
70	YSB	2A	102984	MANGANESE	2.00
71	YSB	2A	122688	MANGANESE	3.00
72	YSB	4A	30585	MANGANESE	8.00
73	YSB	4A	31487	MANGANESE	16.00
74	YSB	4A	32886	MANGANESE	16.00
75	YSB	4A	72684	MANGANESE	9.00
76	YSB	4A	80288	MANGANESE	11.00
77	YSB	4A	102984	MANGANESE	5.50
78	YSB	4A	121788	MANGANESE	9.33
79	YSB	4A	31487	NICKEL	5.00
80	YSB	4A	72684	NICKEL	2.00
81	YSB	4A	73087	NICKEL	6.00
82	YSB	4A	80288	NICKEL	8.00
83	YSB	4A	102984	NICKEL	2.00
84	YSB	4A	122688	NICKEL	6.50
85	YSB	2A	20888	NITRATE AS NITROGEN	820.00
86	YSB	2A	30585	NITRATE AS NITROGEN	850.00
87	YSB	2A	31487	NITRATE AS NITROGEN	950.00
88	YSB	2A	31689	NITRATE AS NITROGEN	881.00
89	YSB	2A	32886	NITRATE AS NITROGEN	870.00
90	YSB	2A	42485	NITRATE AS NITROGEN	850.00
91	YSB	2A	72285	NITRATE AS NITROGEN	735.00
92	YSB	2A	72684	NITRATE AS NITROGEN	730.00
93	YSB	2A	73087	NITRATE AS NITROGEN	1110.00
94	YSB	2A	82088	NITRATE AS NITROGEN	820.00
95	YSB	2A	92086	NITRATE AS NITROGEN	810.00
96	YSB	2A	102984	NITRATE AS NITROGEN	930.00
97	YSB	2A	110585	NITRATE AS NITROGEN	1700.00
98	YSB	2A	112286	NITRATE AS NITROGEN	875.00
99	YSB	2A	122688	NITRATE AS NITROGEN	950.00
100	YSB	4A	20888	NITRATE AS NITROGEN	25.00
101	YSB	4A	30585	NITRATE AS NITROGEN	3900.00
102	YSB	4A	31487	NITRATE AS NITROGEN	11700.00
103	YSB	4A	31689	NITRATE AS NITROGEN	1280.00
104	YSB	4A	32886	NITRATE AS NITROGEN	8700.00
105	YSB	4A	42485	NITRATE AS NITROGEN	3700.00
106	YSB	4A	72385	NITRATE AS NITROGEN	1200.00
107	YSB	4A	72684	NITRATE AS NITROGEN	4500.00
108	YSB	4A	73087	NITRATE AS NITROGEN	8720.00

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
109	YSB	4A	80288	NITRATE AS NITROGEN	2600.00
110	YSB	4A	92088	NITRATE AS NITROGEN	1500.00
111	YSB	4A	102984	NITRATE AS NITROGEN	3440.00
112	YSB	4A	110585	NITRATE AS NITROGEN	1800.00
113	YSB	4A	112286	NITRATE AS NITROGEN	1410.00
114	YSB	4A	121788	NITRATE AS NITROGEN	1565.00
115	YSB	4A	20888	NONVOLATILE BETA	2.00
116	YSB	4A	30585	NONVOLATILE BETA	17.00
117	YSB	4A	31487	NONVOLATILE BETA	9.00
118	YSB	4A	31889	NONVOLATILE BETA	2.00
119	YSB	4A	32886	NONVOLATILE BETA	4.00
120	YSB	4A	72684	NONVOLATILE BETA	5.00
121	YSB	4A	73087	NONVOLATILE BETA	1.00
122	YSB	4A	80288	NONVOLATILE BETA	1.50
123	YSB	4A	102984	NONVOLATILE BETA	1.50
124	YSB	4A	112286	NONVOLATILE BETA	1.00
125	YSB	4A	121788	NONVOLATILE BETA	2.25
126	YSB	2A	20888	PH	6.00
127	YSB	2A	30585	PH	5.00
128	YSB	2A	31084	PH	4.00
129	YSB	2A	31487	PH	5.00
130	YSB	2A	31889	PH	5.00
131	YSB	2A	32886	PH	5.00
132	YSB	2A	42485	PH	5.00
133	YSB	2A	42584	PH	5.00
134	YSB	2A	43088	PH	5.00
135	YSB	2A	50487	PH	5.00
136	YSB	2A	52188	PH	6.00
137	YSB	2A	72285	PH	5.00
138	YSB	2A	72684	PH	5.00
139	YSB	2A	73087	PH	6.00
140	YSB	2A	82088	PH	5.00
141	YSB	2A	82086	PH	5.00
142	YSB	2A	100987	PH	5.00
143	YSB	2A	102984	PH	4.00
144	YSB	2A	110585	PH	5.00
145	YSB	2A	112286	PH	5.00
146	YSB	2A	122888	PH	6.00
147	YSB	4A	20888	PH	6.00
148	YSB	4A	30585	PH	5.00
149	YSB	4A	31487	PH	5.00
150	YSB	4A	31884	PH	6.00
151	YSB	4A	31889	PH	6.00
152	YSB	4A	32886	PH	5.00
153	YSB	4A	42485	PH	5.00
154	YSB	4A	42584	PH	5.00
155	YSB	4A	43088	PH	5.00
156	YSB	4A	50487	PH	5.00
157	YSB	4A	52188	PH	6.00
158	YSB	4A	72385	PH	5.00
159	YSB	4A	72684	PH	5.00
160	YSB	4A	73087	PH	6.00
161	YSB	4A	80288	PH	5.00
162	YSB	4A	92086	PH	5.00

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
163	YSB	4A	100987	PH	8.00
164	YSB	4A	102984	PH	8.00
165	YSB	4A	110585	PH	5.00
166	YSB	4A	112286	PH	5.00
167	YSB	4A	121788	PH	6.00
168	YSB	2A	20888	SODIUM	4190.00
169	YSB	2A	30585	SODIUM	5580.00
170	YSB	2A	31487	SODIUM	7530.00
171	YSB	2A	31889	SODIUM	3530.00
172	YSB	2A	32886	SODIUM	4440.00
173	YSB	2A	42485	SODIUM	3430.00
174	YSB	2A	72285	SODIUM	4150.00
175	YSB	2A	72884	SODIUM	20800.00
176	YSB	2A	73087	SODIUM	5040.00
177	YSB	2A	82088	SODIUM	3750.00
178	YSB	2A	92086	SODIUM	3740.00
179	YSB	2A	102984	SODIUM	3890.00
180	YSB	2A	110585	SODIUM	4070.00
181	YSB	2A	112286	SODIUM	4340.00
182	YSB	2A	122888	SODIUM	4380.00
183	YSB	4A	20888	SODIUM	7890.00
184	YSB	4A	30585	SODIUM	13000.00
185	YSB	4A	31487	SODIUM	18100.00
186	YSB	4A	31889	SODIUM	8140.00
187	YSB	4A	32886	SODIUM	10900.00
188	YSB	4A	42485	SODIUM	9000.00
189	YSB	4A	72385	SODIUM	11100.00
190	YSB	4A	72884	SODIUM	11800.00
191	YSB	4A	73087	SODIUM	22000.00
192	YSB	4A	80288	SODIUM	7820.00
193	YSB	4A	92086	SODIUM	6700.00
194	YSB	4A	102984	SODIUM	14600.00
195	YSB	4A	110585	SODIUM	9110.00
196	YSB	4A	112286	SODIUM	7925.00
197	YSB	4A	121788	SODIUM	5913.33
198	YSB	2A	20888	SPECIFIC CONDUCTANCE	40.00
199	YSB	2A	30585	SPECIFIC CONDUCTANCE	67.00
200	YSB	2A	31084	SPECIFIC CONDUCTANCE	38.00
201	YSB	2A	31487	SPECIFIC CONDUCTANCE	51.00
202	YSB	2A	31889	SPECIFIC CONDUCTANCE	44.00
203	YSB	2A	32886	SPECIFIC CONDUCTANCE	31.00
204	YSB	2A	42485	SPECIFIC CONDUCTANCE	41.00
205	YSB	2A	42584	SPECIFIC CONDUCTANCE	45.00
206	YSB	2A	43088	SPECIFIC CONDUCTANCE	39.00
207	YSB	2A	50487	SPECIFIC CONDUCTANCE	51.00
208	YSB	2A	52188	SPECIFIC CONDUCTANCE	44.00
209	YSB	2A	72285	SPECIFIC CONDUCTANCE	38.00
210	YSB	2A	72884	SPECIFIC CONDUCTANCE	61.00
211	YSB	2A	73087	SPECIFIC CONDUCTANCE	44.00
212	YSB	2A	82088	SPECIFIC CONDUCTANCE	44.00
213	YSB	2A	92086	SPECIFIC CONDUCTANCE	38.00
214	YSB	2A	100987	SPECIFIC CONDUCTANCE	49.00
215	YSB	2A	102984	SPECIFIC CONDUCTANCE	62.00
216	YSB	2A	110585	SPECIFIC CONDUCTANCE	30.00

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
217	YSB	2A	112286	SPECIFIC CONDUCTANCE	47.0
218	YSB	2A	122688	SPECIFIC CONDUCTANCE	44.0
219	YSB	4A	20888	SPECIFIC CONDUCTANCE	52.0
220	YSB	4A	30585	SPECIFIC CONDUCTANCE	105.0
221	YSB	4A	31487	SPECIFIC CONDUCTANCE	150.0
222	YSB	4A	31684	SPECIFIC CONDUCTANCE	125.0
223	YSB	4A	31689	SPECIFIC CONDUCTANCE	67.0
224	YSB	4A	32886	SPECIFIC CONDUCTANCE	93.0
225	YSB	4A	42485	SPECIFIC CONDUCTANCE	85.0
226	YSB	4A	42584	SPECIFIC CONDUCTANCE	145.0
227	YSB	4A	43086	SPECIFIC CONDUCTANCE	105.0
228	YSB	4A	50487	SPECIFIC CONDUCTANCE	180.0
229	YSB	4A	52188	SPECIFIC CONDUCTANCE	74.0
230	YSB	4A	72385	SPECIFIC CONDUCTANCE	80.0
231	YSB	4A	72684	SPECIFIC CONDUCTANCE	138.0
232	YSB	4A	73087	SPECIFIC CONDUCTANCE	160.0
233	YSB	4A	80288	SPECIFIC CONDUCTANCE	69.0
234	YSB	4A	92086	SPECIFIC CONDUCTANCE	50.0
235	YSB	4A	100887	SPECIFIC CONDUCTANCE	85.0
236	YSB	4A	102884	SPECIFIC CONDUCTANCE	115.0
237	YSB	4A	110585	SPECIFIC CONDUCTANCE	33.0
238	YSB	4A	112286	SPECIFIC CONDUCTANCE	83.0
239	YSB	4A	121788	SPECIFIC CONDUCTANCE	64.0
240	YSB	4A	20888	TOTAL ORGANIC CARBON	500.0
241	YSB	4A	30585	TOTAL ORGANIC CARBON	12540.0
242	YSB	4A	31487	TOTAL ORGANIC CARBON	1400.0
243	YSB	4A	32886	TOTAL ORGANIC CARBON	5000.0
244	YSB	4A	42485	TOTAL ORGANIC CARBON	557.0
245	YSB	4A	72385	TOTAL ORGANIC CARBON	2120.0
246	YSB	4A	72684	TOTAL ORGANIC CARBON	2500.0
247	YSB	4A	73087	TOTAL ORGANIC CARBON	1800.0
248	YSB	4A	80288	TOTAL ORGANIC CARBON	500.0
249	YSB	4A	92086	TOTAL ORGANIC CARBON	500.0
250	YSB	4A	102884	TOTAL ORGANIC CARBON	2500.0
251	YSB	4A	110585	TOTAL ORGANIC CARBON	970.0
252	YSB	4A	121788	TOTAL ORGANIC CARBON	500.0
253	YSB	2A	20888	TOTAL PHOSPHATES	50.0
254	YSB	2A	31487	TOTAL PHOSPHATES	30.0
255	YSB	2A	31689	TOTAL PHOSPHATES	10.0
256	YSB	2A	50487	TOTAL PHOSPHATES	30.0
257	YSB	2A	73087	TOTAL PHOSPHATES	20.0
258	YSB	2A	80288	TOTAL PHOSPHATES	10.0
259	YSB	2A	112286	TOTAL PHOSPHATES	27.0
260	YSB	4A	20888	TOTAL PHOSPHATES	40.0
261	YSB	4A	31487	TOTAL PHOSPHATES	140.0
262	YSB	4A	31689	TOTAL PHOSPHATES	37.0
263	YSB	4A	50487	TOTAL PHOSPHATES	315.0
264	YSB	4A	73087	TOTAL PHOSPHATES	10.0
265	YSB	4A	80288	TOTAL PHOSPHATES	105.0
266	YSB	4A	112286	TOTAL PHOSPHATES	456.0
267	YSB	4A	30585	TOTAL RADIUM	14.0
268	YSB	4A	31487	TOTAL RADIUM	2.0
269	YSB	4A	31689	TOTAL RADIUM	0.5
270	YSB	4A	32886	TOTAL RADIUM	2.0

SAS

15:41 Thursday, August 3, 1989 55

OBS	SERIES	WELL	DATE	TESTNAME	VALUE
271	YSB	4A	72684	TOTAL RADIUM	2.000
272	YSB	4A	73087	TOTAL RADIUM	1.000
273	YSB	4A	80288	TOTAL RADIUM	1.000
274	YSB	4A	92088	TOTAL RADIUM	0.500
275	YSB	4A	102984	TOTAL RADIUM	2.000
276	YSB	4A	112286	TOTAL RADIUM	0.500
277	YSB	4A	121788	TOTAL RADIUM	0.875
278	YSB	2A	20888	ZINC	35.000
279	YSB	2A	31487	ZINC	23.000
280	YSB	2A	43086	ZINC	12.000
281	YSB	2A	72684	ZINC	38.000
282	YSB	2A	82088	ZINC	19.333
283	YSB	2A	102984	ZINC	28.000
284	YSB	4A	20888	ZINC	44.000
285	YSB	4A	31487	ZINC	28.000
286	YSB	4A	43086	ZINC	82.000
287	YSB	4A	72684	ZINC	325.000
288	YSB	4A	80288	ZINC	13.500
289	YSB	4A	102984	ZINC	109.000

Statistical Comparison

TTEST PROCEDURE

***** TESTNAME=BARIUM *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	7	10.00000000	2.51661148	0.95118973	6.00000000	14.00000000
4A	7	13.50000000	6.10327781	2.30682218	7.50000000	26.00000000

Variances	T	Method	DF	Prob> T
Unequal	-1.4027	Satterthwaite	8.0	0.1984
		Cochran	6.0	0.2103
Equal	-1.4027		12.0	0.1861

For H0: Variances are equal, F' = 5.86 DF = (6,6) Prob>F' = 0.0488

***** TESTNAME=CHLORIDE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	9	5235.555556	2822.800520	940.9335088	3200.000000	12630.00000
4A	9	5442.222222	1826.851082	542.2836941	3700.000000	8740.00000

Variances	T	Method	DF	Prob> T
Unequal	-0.1903	Satterthwaite	12.8	0.8521
		Cochran	8.0	0.8538
Equal	-0.1903		18.0	0.8515

For H0: Variances are equal, F' = 3.01 DF = (8,8) Prob>F' = 0.1399

***** TESTNAME=IRON *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	10	88.1333333	45.5498473	14.40406321	26.00000000	184.0000000
4A	10	148.7500000	188.9781999	59.12769844	32.50000000	661.0000000

Variances	T	Method	DF	Prob> T
Unequal	-0.9961	Satterthwaite	10.1	0.3426
		Cochran	9.0	0.3452
Equal	-0.9961		18.0	0.3324

For H0: Variances are equal, F' = 16.85 DF = (9,9) Prob>F' = 0.0003

***** TESTNAME=MANGANESE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	7	2.57142857	0.97590007	0.36885556	1.00000000	4.00000000
4A	7	10.89047619	3.98658465	1.50678736	5.50000000	18.00000000

Variances	T	Method	DF	Prob> T
Unequal	-5.2338	Satterthwaite	8.7	0.0014
		Cochran	6.0	0.0020
Equal	-5.2338		12.0	0.0002

For H0: Variances are equal, F' = 16.89 DF = (6,6) Prob>F' = 0.0033

***** TESTNAME=NITRATE AS NITROGEN *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	15	925.400000	233.640994	60.3258454	730.0000000	1700.00000
4A	15	3736.666667	3380.129788	872.7457584	25.0000000	11700.00000

Variances	T	Method	DF	Prob> T
Unequal	-3.2135	Satterthwaite	14.1	0.0062
		Cochran	14.0	0.0063
Equal	-3.2135		28.0	0.0033

For H0: Variances are equal, F' = 209.30 DF = (14,14) Prob>F' = 0.0000

***** TESTNAME=PH *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	21	5.09523810	0.53895843	0.11761037	4.00000000	6.00000000
4A	21	5.38095238	0.49761335	0.10858814	5.00000000	6.00000000

Variances	T	Method	DF	Prob> T
Unequal	-1.7849	Satterthwaite	39.7	0.0819
		Cochran	20.0	0.0895
Equal	-1.7849		40.0	0.0819

For H0: Variances are equal, F' = 1.17 DF = (20,20) Prob>F' = 0.7246

***** TESTNAME=SODIUM *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	15	5510.66667	4353.457520	1124.057898	3430.000000	20800.00000
4A	15	10913.22222	4461.686477	1152.002495	5913.333333	22000.00000

Variances	T	Method	DF	Prob> T
Unequal	-3.3566	Satterthwaite	28.0	0.0023
		Cochran	14.0	0.0047
Equal	-3.3566		28.0	0.0023

For H0: Variances are equal, F' = 1.05 DF = (14,14) Prob>F' = 0.9281

***** TESTNAME=SPECIFIC CONDUCTANCE *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	21	45.14265714	9.40886229	2.05320390	30.00000000	67.0000000
4A	21	97.04761905	40.16774351	8.76532025	33.00000000	180.0000000

Variances	T	Method	DF	Prob> T
Unequal	-5.7655	Satterthwaite	22.2	0.0001
		Cochran	20.0	0.0000
Equal	-5.7655		40.0	0.0000

For H0: Variances are equal, F' = 18.23 DF = (20,20) Prob>F' = 0.0000

***** TESTNAME-TOTAL PHOSPHATES *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	7	25.2857143	13.8649953	5.24047585	10.00000000	50.00000000
4A	7	157.5714286	166.8600783	63.06718154	10.00000000	456.00000000

Variances	T	Method	DF	Prob> T
Unequal	-2.0903	Satterthwaite	6.1	0.0810
		Cochran	6.0	0.0816
Equal	-2.0903		12.0	0.0585

For H0: Variances are equal, F' = 144.83 DF = (6,6) Prob>F' = 0.0000

***** TESTNAME-ZINC *****

Variable: VALUE

WELL	N	Mean	Std Dev	Std Error	Minimum	Maximum
2A	6	25.88888889	9.7813125	3.99320410	12.00000000	38.00000000
4A	6	97.08333333	116.9206640	47.73266119	13.50000000	326.00000000

Variances	T	Method	DF	Prob> T
Unequal	-1.4863	Satterthwaite	5.1	0.1967
		Cochran	5.0	0.1973
Equal	-1.4863		10.0	0.1680

For H0: Variances are equal, F' = 142.89 DF = (5,5) Prob>F' = 0.0000

GROUNDWATER MONITORING WELL

YSB2A

Raw Data

YSB	2A	031084	SPECIFIC CONDUCTANCE		38.0000	UMHC	FD
YSB	2A	031084	PH		4.0000	PH	FD
YSB	2A	042584	SPECIFIC CONDUCTANCE		45.0000	UMHC	FD
YSB	2A	042584	PH		5.3000	PH	FD
YSB	2A	072	SILVER	LT	10.0000	UGL	EE
YSB	2A	072684	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	2A	072684	ARSENIC	LT	1.0000	UGL	EE
YSB	2A	072684	BARIUM		6.0000	UGL	EE
YSB	2A	072684	BERYLLIUM	LT	2.0000	UGL	EE
YSB	2A	072684	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	2A	072684	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	072684	CHLORIDE		4840.0000	UGL	EE
YSB	2A	072684	COLOR		0.0000	APC	EE
YSB	2A	072684	SPECIFIC CONDUCTANCE		61.0000	UMHC	FD
YSB	2A	072684	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	072684	COPPER		6.0000	UGL	EE
YSB	2A	072684	CYANIDE	LT	5.0000	UGL	EE
YSB	2A	072684	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	2A	072684	ENDRIN	LT	0.0400	UGL	EE
YSB	2A	072684	FLUORIDE		130.0000	UGL	EE
YSB	2A	072684	IRON		136.0000	UGL	EE
YSB	2A	072684	GC SCAN	LT	40.0000	UGL	EE
YSB	2A	072684	MERCURY	LT	0.2000	UGL	EE
YSB	2A	072684	LINDANE	LT	1.0000	UGL	EE
YSB	2A	072684	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	2A	072684	MANGANESE		3.0000	UGL	EE
YSB	2A	072684	SODIUM		20800.0000	UGL	EE
YSB	2A	072684	NICKEL	LT	4.0000	UGL	EE
YSB	2A	072684	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	2A	072684	NITRATE AS NITROGEN		730.0000	UGL	EE
YSB	2A	072684	ODOR		0.0000	TBON	EE
YSB	2A	072684	LEAD	LT	4.0000	UGL	EE
YSB	2A	072684	PH		4.5000	PH	FD
YSB	2A	072684	SELENIUM	LT	1.0000	UGL	EE
YSB	2A	072684	SILVER	LT	2.0000	UGL	EE
YSB	2A	072684	SULFATE		45000.0000	UGL	EE
YSB	2A	072684	SULFIDE	LT	1000.0000	UGL	EE
YSB	2A	072684	SURFACTANTS	LT	10.0000	UGL	EE
YSB	2A	072684	TOTAL DISSOLVED SOLIDS		138000.0000	UGL	EE
YSB	2A	072684	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	2A	072684	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	2A	072684	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	MM
YSB	2A	072684	TURBIDITY		0.7000	TU	EE
YSB	2A	072684	TOXAPHENE	LT	1.0000	UGL	EE
YSB	2A	072684	2,4-DICHLOROPHENOXACETIC ACID	LT	20.0000	UGL	EE
YSB	2A	072684	ZINC		38.0000	UGL	EE
YSB	2A	102984	SILVER	LT	2.0000	UGL	EE
YSB	2A	102984	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	2A	102984	ARSENIC	LT	1.0000	UGL	EE
YSB	2A	102984	BARIUM		10.0000	UGL	EE
YSB	2A	102984	BERYLLIUM	LT	2.0000	UGL	EE
YSB	2A	102984	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	2A	102984	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	102984	CHLORIDE		4300.0000	UGL	EE
YSB	2A	102984	CHLORIDE		4200.0000	UGL	EE
YSB	2A	102984	COLOR		0.0000	APC	EE
YSB	2A	102984	SPECIFIC CONDUCTANCE		62.0000	UMHC	FD
YSB	2A	102984	CORROSIVITY		0.0028	MMY	EE
YSB	2A	102984	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	102984	COPPER	LT	4.0000	UGL	EE
YSB	2A	102984	CYANIDE	LT	5.0000	UGL	EE
YSB	2A	102984	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	2A	102984	ENDRIN	LT	0.0400	UGL	EE
YSB	2A	102984	FLUORIDE		350.0000	UGL	EE
YSB	2A	102984	IRON		26.0000	UGL	EE
YSB	2A	102984	GC SCAN	LT	40.0000	UGL	EE
YSB	2A	102984	MERCURY	LT	0.2000	UGL	EE
YSB	2A	102984	LINDANE	LT	1.0000	UGL	EE
YSB	2A	102984	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	2A	102984	MANGANESE		2.0000	UGL	EE
YSB	2A	102984	SODIUM		3890.0000	UGL	EE
YSB	2A	102984	NICKEL	LT	4.0000	UGL	EE
YSB	2A	102984	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	2A	102984	NITRATE AS NITROGEN		930.0000	UGL	EE
YSB	2A	102984	ODOR		0.0000	TBON	EE
YSB	2A	102984	LEAD	LT	4.0000	UGL	EE
YSB	2A	102984	PH		4.4000	PH	FD
YSB	2A	102984	PHENOLS	LT	2.0000	UGL	EE
YSB	2A	102984	SELENIUM	LT	1.0000	UGL	EE
YSB	2A	102984	SILVER	LT	2.0000	UGL	EE

YSB	2A	031084	SPECIFIC CONDUCTANCE		38.0000	UMBC	FD
YSB	2A	031084	PH		4.0000	PH	FD
YSB	2A	042584	SPECIFIC CONDUCTANCE		45.0000	UMBC	FD
YSB	2A	042584	PH		5.3000	PH	FD
YSB	2A	072684	SILVER	LT	10.0000	UGL	EE
YSB	2A	072684	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	2A	072684	ARSENIC	LT	1.0000	UGL	EE
YSB	2A	072684	BARIUM		6.0000	UGL	EE
YSB	2A	072684	BERYLLIUM	LT	2.0000	UGL	EE
YSB	2A	072684	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	2A	072684	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	072684	CHLORIDE		4840.0000	UGL	EE
YSB	2A	072684	COLOR		0.0000	APC	EE
YSB	2A	072684	SPECIFIC CONDUCTANCE		61.0000	UMBC	FD
YSB	2A	072684	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	072684	COPPER		6.0000	UGL	EE
YSB	2A	072684	CYANIDE	LT	5.0000	UGL	EE
YSB	2A	072684	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	2A	072684	ENDRIN	LT	0.0400	UGL	EE
YSB	2A	072684	FLUORIDE		130.0000	UGL	EE
YSB	2A	072684	IRON		136.0000	UGL	EE
YSB	2A	072684	GC SCAN	LT	40.0000	UGL	EE
YSB	2A	072684	MERCURY	LT	0.2000	UGL	EE
YSB	2A	072684	LINDANE	LT	1.0000	UGL	EE
YSB	2A	072684	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	2A	072684	MANGANESE		3.0000	UGL	EE
YSB	2A	072684	SODIUM		20800.0000	UGL	EE
YSB	2A	072684	NICKEL	LT	4.0000	UGL	EE
YSB	2A	072684	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	2A	072684	NITRATE AS NITROGEN		730.0000	UGL	EE
YSB	2A	072684	ODOR		0.0000	THON	EE
YSB	2A	072684	LEAD	LT	4.0000	UGL	EE
YSB	2A	072684	PH		4.5000	PH	FD
YSB	2A	072684	SELENIUM	LT	1.0000	UGL	EE
YSB	2A	072684	SILVER	LT	2.0000	UGL	EE
YSB	2A	072684	SULFATE		45000.0000	UGL	EE
YSB	2A	072684	SULFIDE	LT	1000.0000	UGL	EE
YSB	2A	072684	SURFACTANTS	LT	10.0000	UGL	EE
YSB	2A	072684	TOTAL DISSOLVED SOLIDS		138000.0000	UGL	EE
YSB	2A	072684	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	2A	072684	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	2A	072684	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	MM
YSB	2A	072684	TURBIDITY		0.7000	TU	EE
YSB	2A	072684	TOXAPHENE	LT	1.0000	UGL	EE
YSB	2A	072684	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	2A	072684	ZINC		38.0000	UGL	EE
YSB	2A	102984	SILVER	LT	2.0000	UGL	EE
YSB	2A	102984	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	2A	102984	ARSENIC	LT	1.0000	UGL	EE
YSB	2A	102984	BARIUM		10.0000	UGL	EE
YSB	2A	102984	BERYLLIUM	LT	2.0000	UGL	EE
YSB	2A	102984	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	2A	102984	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	102984	CHLORIDE		4300.0000	UGL	EE
YSB	2A	102984	CHLORIDE		4200.0000	UGL	EE
YSB	2A	102984	COLOR		0.0000	APC	EE
YSB	2A	102984	SPECIFIC CONDUCTANCE		62.0000	UMBC	FD
YSB	2A	102984	CORROSIVITY		0.0028	MMY	EE
YSB	2A	102984	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	102984	COPPER	LT	4.0000	UGL	EE
YSB	2A	102984	CYANIDE	LT	5.0000	UGL	EE
YSB	2A	102984	DISSOLVED ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	2A	102984	ENDRIN	LT	0.0400	UGL	EE
YSB	2A	102984	FLUORIDE		350.0000	UGL	EE
YSB	2A	102984	IRON		28.0000	UGL	EE
YSB	2A	102984	GC SCAN	LT	40.0000	UGL	EE
YSB	2A	102984	MERCURY	LT	0.2000	UGL	EE
YSB	2A	102984	LINDANE	LT	1.0000	UGL	EE
YSB	2A	102984	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	2A	102984	MANGANESE		2.0000	UGL	EE
YSB	2A	102984	SODIUM		3690.0000	UGL	EE
YSB	2A	102984	NICKEL	LT	4.0000	UGL	EE
YSB	2A	102984	NITRITE AS NITROGEN	LT	500.0000	UGL	EE
YSB	2A	102984	NITRATE AS NITROGEN		930.0000	UGL	EE
YSB	2A	102984	ODOR		0.0000	THON	EE
YSB	2A	102984	LEAD	LT	4.0000	UGL	EE
YSB	2A	102984	PH		4.4000	PH	FD
YSB	2A	102984	PHENOLS	LT	2.0000	UGL	EE
YSB	2A	102984	SELENIUM	LT	1.0000	UGL	EE
YSB	2A	102984	SILVER	LT	2.0000	UGL	EE

YSB	2A	102984	SULFATE	LT	5000.0000	UGL	EE
YSB	2A	102984	SULFIDE	LT	1000.0000	UGL	EE
YSB	2A	102984	SURFACTANTS	LT	10.0000	UGL	EE
YSB	2A	102984	TOTAL DISSOLVED SOLIDS		260000.0000	UGL	EE
YSB	2A	102984	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EE
YSB	2A	102984	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	2A	102984	TOTAL ORGANIC HALOGENS		34.0000	UGL	MM
YSB	2A	102984	TURBIDITY		0.0000	TU	EE
YSB	2A	102984	TOXAPHENE	LT	1.0000	UGL	EE
YSB	2A	102984	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	2A	102984	ZINC		28.0000	UGL	EE
YSB	2A	030585	SILVER		2.0000	UGL	EE
YSB	2A	030585	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	2A	030585	ARSENIC	LT	1.0000	UGL	EE
YSB	2A	030585	BARIUM		10.0000	UGL	EE
YSB	2A	030585	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	2A	030585	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	030585	CHLORIDE		12630.0000	UGL	EE
YSB	2A	030585	SPECIFIC CONDUCTANCE		67.0000	UMHC	FD
YSB	2A	030585	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	030585	ENDRIN	LT	0.0400	UGL	EE
YSB	2A	030585	ENDRIN	LT	0.0400	UGL	EE
YSB	2A	030585	FLUORIDE	LT	100.0000	UGL	EE
YSB	2A	030585	IRON		184.0000	UGL	EE
YSB	2A	030585	MERCURY		0.2800	UGL	EE
YSB	2A	030585	LINDANE	LT	1.0000	UGL	EE
YSB	2A	030585	LINDANE	LT	1.0000	UGL	EE
YSB	2A	030585	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	2A	030585	METHOXYCHLOR	LT	20.0000	UGL	EE
YSB	2A	030585	MANGANESE		4.0000	UGL	EE
YSB	2A	030585	SODIUM		5580.0000	UGL	EE
YSB	2A	030585	NITRATE AS NITROGEN		850.0000	UGL	EE
YSB	2A	030585	LEAD	LT	4.0000	UGL	EE
YSB	2A	030585	PH		4.8000	PH	FD
YSB	2A	030585	PHENOLS	LT	2.0000	UGL	EE
YSB	2A	030585	SELENIUM	LT	1.0000	UGL	EE
YSB	2A	030585	SILVER	LT	2.0000	UGL	EE
YSB	2A	030585	SULFATE		10000.0000	UGL	EE
YSB	2A	030585	TOTAL ORGANIC CARBON		11640.0000	UGL	EE
YSB	2A	030585	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	2A	030585	TOTAL ORGANIC HALOGENS		39.9000	UGL	EE
YSB	2A	030585	TURBIDITY		11.0000	TU	EE
YSB	2A	030585	TOXAPHENE	LT	1.0000	UGL	EE
YSB	2A	030585	TOXAPHENE	LT	1.0000	UGL	EE
YSB	2A	030585	2,4-DICHLOROPHENOXYACETIC ACID	LT	20.0000	UGL	EE
YSB	2A	042485	SPECIFIC CONDUCTANCE		41.0000	UMHC	FD
YSB	2A	042485	MERCURY	LT	0.2000	UGL	EE
YSB	2A	042485	SODIUM		3430.0000	UGL	EE
YSB	2A	042485	NITRATE AS NITROGEN		850.0000	UGL	EE
YSB	2A	042485	LEAD	LT	4.0000	UGL	EE
YSB	2A	042485	PH		5.0000	PH	FD
YSB	2A	042485	TOTAL ORGANIC CARBON		335.0000	UGL	EE
YSB	2A	042485	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	072285	SPECIFIC CONDUCTANCE		38.0000	UMHC	FD
YSB	2A	072285	MERCURY	LT	0.2000	UGL	EE
YSB	2A	072285	SODIUM		4150.0000	UGL	EE
YSB	2A	072285	NITRATE AS NITROGEN		750.0000	UGL	EE
YSB	2A	072285	NITRATE AS NITROGEN		720.0000	UGL	EE
YSB	2A	072285	LEAD		5.0000	UGL	EE
YSB	2A	072285	PH		4.7000	PH	FD
YSB	2A	072285	TOTAL ORGANIC CARBON		490.0000	UGL	EE
YSB	2A	072285	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	072285	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	110585	SPECIFIC CONDUCTANCE		30.0000	UMHC	FD
YSB	2A	110585	MERCURY	LT	0.2000	UGL	EE
YSB	2A	110585	SODIUM		4070.0000	UGL	EE
YSB	2A	110585	NITRATE AS NITROGEN		1700.0000	UGL	EE
YSB	2A	110585	LEAD	LT	5.0000	UGL	EE
YSB	2A	110585	PH		4.8000	PH	FD
YSB	2A	110585	TOTAL ORGANIC CARBON		1700.0000	UGL	EE
YSB	2A	110585	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	032886	GROSS ALPHA	LT	2.0000	PCL	CP
YSB	2A	032886	NONVOLATILE BETA	LT	3.0000	PCL	CP
YSB	2A	032886	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	032886	CHLORIDE		4300.0000	UGL	EE
YSB	2A	032886	SPECIFIC CONDUCTANCE		31.0000	UMHC	FD
YSB	2A	032886	FLUORIDE	LT	100.0000	UGL	EE
YSB	2A	032886	IRON		71.0000	UGL	EE
YSB	2A	032886	MERCURY	LT	0.2000	UGL	EE
YSB	2A	032886	MANGANESE	LT	2.0000	UGL	EE

YSB	2A	032886	SODIUM		4440.0000	UGL	EE
YSB	2A	032886	NITRATE AS NITROGEN		870.0000	UGL	EE
YSB	2A	032886	PH		5.1000	PH	FD
YSB	2A	032886	PHENOLS	LT	2.0000	UGL	EE
YSB	2A	032886	SULFATE	LT	5000.0000	UGL	EE
YSB	2A	032886	TOTAL ORGANIC CARBON		2000.0000	UGL	EE
YSB	2A	032886	TOTAL RADIUM	LT	1.0000	PCL	CP
YSB	2A	032886	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	032886	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	043086	SPECIFIC CONDUCTANCE		39.0000	UMHC	FD
YSB	2A	043086	PH		5.3000	PH	FD
YSB	2A	043086	ZINC		12.0000	UGL	EE
YSB	2A	092086	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	2A	092086	SPECIFIC CONDUCTANCE		38.0000	UMHC	FD
YSB	2A	092086	MERCURY	LT	0.2000	UGL	EE
YSB	2A	092086	SODIUM		3740.0000	UGL	EE
YSB	2A	092086	NITRATE AS NITROGEN		810.0000	UGL	EE
YSB	2A	092086	PH		5.3000	PH	FD
YSB	2A	092086	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	2A	092086	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	2A	092086	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	092086	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	112286	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	2A	112286	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	2A	112286	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	2A	112286	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	2A	112286	SPECIFIC CONDUCTANCE		47.0000	UMHC	FD
YSB	2A	112286	SODIUM		4340.0000	UGL	EE
YSB	2A	112286	NICKEL	LT	4.0000	UGL	EE
YSB	2A	112286	NITRATE AS NITROGEN		870.0000	UGL	EE
YSB	2A	112286	NITRATE AS NITROGEN		880.0000	UGL	EE
YSB	2A	112286	PH		5.2000	PH	FD
YSB	2A	112286	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	2A	112286	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	2A	112286	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	112286	TOTAL PHOSPHATES		27.0000	UGL	EE
YSB	2A	031487	SILVER	LT	2.0000	UGL	EE
YSB	2A	031487	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	2A	031487	ARSENIC	LT	2.0000	UGL	EE
YSB	2A	031487	BARIUM		14.0000	UGL	EE
YSB	2A	031487	NONVOLATILE BETA		4.1000	PCL	RM
YSB	2A	031487	CALCIUM		2470.0000	UGL	EE
YSB	2A	031487	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	031487	CHLORIDE		3900.0000	UGL	EE
YSB	2A	031487	SPECIFIC CONDUCTANCE		51.0000	UMHC	FD
YSB	2A	031487	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	031487	FLUORIDE	LT	100.0000	UGL	EE
YSB	1A	031487	IRON		90.0000	UGL	EE
YSB	2A	031487	MERCURY	LT	0.2000	UGL	EE
YSB	2A	031487	POTASSIUM		1330.0000	UGL	EE
YSB	2A	031487	MAGNESIUM		508.0000	UGL	EE
YSB	2A	031487	MANGANESE		3.0000	UGL	EE
YSB	2A	031487	SODIUM		7530.0000	UGL	EE
YSB	2A	031487	NICKEL	LT	4.0000	UGL	EE
YSB	2A	031487	NITRATE AS NITROGEN		950.0000	UGL	EE
YSB	2A	031487	LEAD	LT	8.0000	UGL	EE
YSB	2A	031487	PH		5.4000	PH	FD
YSB	2A	031487	PHENOLS	LT	2.0000	UGL	EE
YSB	2A	031487	SELENIUM	LT	2.0000	UGL	EE
YSB	2A	031487	SILICA		3980.0000	UGL	EE
YSB	2A	031487	SULFATE	LT	3000.0000	UGL	EE
YSB	2A	031487	TOTAL DISSOLVED SOLIDS		26000.0000	UGL	EE
YSB	2A	031487	TOTAL ORGANIC CARBON		2400.0000	UGL	EE
YSB	2A	031487	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	2A	031487	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	031487	TOTAL PHOSPHATES		30.0000	UGL	EE
YSB	2A	031487	TRITIUM		4.8900	PCML	RM
YSB	2A	031487	ZINC		23.0000	UGL	EE
YSB	2A	050487	SPECIFIC CONDUCTANCE		51.0000	UMHC	FD
YSB	2A	050487	PH		5.4000	PH	FD
YSB	2A	050487	TOTAL PHOSPHATES		30.0000	UGL	EE
YSB	2A	073087	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	2A	073087	NONVOLATILE BETA	LT	2.0000	PCL	RM
YSB	2A	073087	SPECIFIC CONDUCTANCE		44.0000	UMHC	FD
YSB	2A	073087	IRON		90.0000	UGL	EE
YSB	2A	073087	MERCURY	LT	0.2000	UGL	EE
YSB	2A	073087	SODIUM		5040.0000	UGL	EE
YSB	2A	073087	NICKEL		5.0000	UGL	EE
YSB	2A	073087	NITRATE AS NITROGEN		1110.0000	UGL	EE
YSB	2A	073087	PH		6.1000	PH	FD

YSB	2A	073087	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	2A	073087	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	2A	073087	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EI
YSB	2A	073087	TOTAL PHOSPHATES		20.0000	UGL	EE
YSB	2A	100987	SPECIFIC CONDUCTANCE		49.0000	UMHC	FD
YSB	2A	100987	PH		5.4000	PH	FD
YSB	2A	020888	GROSS ALPHA		1.5000	PCL	EE
YSB	2A	020888	NONVOLATILE BETA	LT	2.0000	PCL	EE
YSB	2A	020888	CHLORIDE		3200.0000	UGL	EE
YSB	2A	020888	SPECIFIC CONDUCTANCE		40.0000	UMHC	FD
YSB	2A	020888	IRON		48.0000	UGL	EE
YSB	2A	020888	SODIUM		4190.0000	UGL	EE
YSB	2A	020888	NITRATE AS NITROGEN		820.0000	UGL	EE
YSB	2A	020888	PH		5.8000	PH	FD
YSB	2A	020888	SULFATE	LT	5000.0000	UGL	EE
YSB	2A	020888	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	2A	020888	TOTAL PHOSPHATES		50.0000	UGL	EE
YSB	2A	020888	ZINC		35.0000	UGL	EE
YSB	2A	052188	SPECIFIC CONDUCTANCE		44.0000	UMHC	FD
YSB	2A	052188	PH		5.9000	PH	FD
YSB	2A	082088	SILVER	LT	2.0000	UGL	EE
YSB	2A	082088	SILVER	LT	2.0000	UGL	EE
YSB	2A	082088	SILVER	LT	10.0000	UGL	EW
YSB	2A	082088	SILVER	LT	10.0000	UGL	WA
YSB	2A	082088	GROSS ALPHA	LT	3.0000	PCL	EE
YSB	2A	082088	GROSS ALPHA	LT	3.0000	PCL	EE
YSB	2A	082088	GROSS ALPHA	LT	0.4800	PCL	EW
YSB	2A	082088	GROSS ALPHA		0.0000	PCL	WA
YSB	2A	082088	ARSENIC	LT	2.0000	UGL	EE
YSB	2A	082088	ARSENIC	LT	2.0000	UGL	EE
YSB	2A	082088	ARSENIC	LT	10.0000	UGL	EW
YSB	2A	082088	ARSENIC	LT	10.0000	UGL	WA
YSB	2A	082088	BARIUM		10.0000	UGL	EE
YSB	2A	082088	BARIUM		7.0000	UGL	EE
YSB	2A	082088	BARIUM		7.0000	UGL	EE
YSB	2A	082088	BARIUM	LT	100.0000	UGL	EW
YSB	2A	082088	BARIUM	LT	200.0000	UGL	WA
YSB	2A	082088	BERYLLIUM	LT	5.0000	UGL	EE
YSB	2A	082088	BERYLLIUM	LT	5.0000	UGL	EE
YSB	2A	082088	BERYLLIUM	LT	5.0000	UGL	EE
YSB	2A	082088	NONVOLATILE BETA		0.9700	PCL	EE
YSB	2A	082088	NONVOLATILE BETA	LT	2.0000	PCL	EE
YSB	2A	082088	NONVOLATILE BETA	LT	1.1200	PCL	EW
YSB	2A	082088	NONVOLATILE BETA		4.0000	PCL	WA
YSB	2A	082088	BROMOCHLOROMETHANE		82.0000	PER	WA
YSB	2A	082088	CALCIUM		2030.0000	UGL	EE
YSB	2A	082088	CALCIUM		1980.0000	UGL	EE
YSB	2A	082088	CALCIUM		2240.0000	UGL	EE
YSB	2A	082088	CALCIUM		2020.0000	UGL	EW
YSB	2A	082088	CALCIUM	LT	5000.0000	UGL	WA
YSB	2A	082088	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	2A	082088	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	2A	082088	CARBON TETRACHLORIDE	LT	2.0000	UGL	EW
YSB	2A	082088	CARBON TETRACHLORIDE	LT	1.0000	UGL	WA
YSB	2A	082088	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	082088	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	082088	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	082088	CADMIUM	LT	10.0000	UGL	EW
YSB	2A	082088	CADMIUM	LT	5.0000	UGL	WA
YSB	2A	082088	CHLOROFORM	LT	1.0000	UGL	EE
YSB	2A	082088	CHLOROFORM	LT	1.0000	UGL	EE
YSB	2A	082088	CHLOROFORM	LT	2.0000	UGL	EW
YSB	2A	082088	CHLOROFORM	LT	1.0000	UGL	WA
YSB	2A	082088	CHLORIDE		4500.0000	UGL	EE
YSB	2A	082088	CHLORIDE		4500.0000	UGL	EE
YSB	2A	082088	CHLORIDE		5000.0000	UGL	EW
YSB	2A	082088	CHLORIDE	LT	2500.0000	UGL	WA
YSB	2A	082088	SPECIFIC CONDUCTANCE		44.0000	UMHC	FD
YSB	2A	082088	SPECIFIC CONDUCTANCE		44.0000	UMHC	FD
YSB	2A	082088	SPECIFIC CONDUCTANCE		40.0000	UMHC	EW
YSB	2A	082088	SPECIFIC CONDUCTANCE		43.0000	UMHC	WA
YSB	2A	082088	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	082088	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	082088	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	082088	CHROMIUM	LT	50.0000	UGL	EW
YSB	2A	082088	CHROMIUM	LT	10.0000	UGL	WA
YSB	2A	082088	COPPER	LT	4.0000	UGL	EE
YSB	2A	082088	COPPER	LT	4.0000	UGL	EE
YSB	2A	082088	COPPER	LT	4.0000	UGL	EE
YSB	2A	082088	FLUORIDE	LT	100.0000	UGL	EE

YSB	2A	082088	FLUORIDE						
YSB	2A	082088	FLUORIDE	LT	100.0000	UGL	EE		
YSB	2A	082088	FLUORIDE	LT	100.0000	UGL	EE		
YSB	2A	082088	FLUORIDE		600.0000	UGL	EW		
YSB	2A	082088	FLUORIDE	LT	100.0000	UGL	WA		
YSB	2A	082088	IRON		113.0000	UGL	EE		
YSB	2A	082088	IRON		132.0000	UGL	EE		
YSB	2A	082088	IRON		74.0000	UGL	EE		
YSB	2A	082088	IRON		70.0000	UGL	EW		
YSB	2A	082088	IRON	LT	100.0000	UGL	WA		
YSB	2A	082088	MERCURY	LT	0.2000	UGL	EE		
YSB	2A	082088	MERCURY	LT	0.2000	UGL	EE		
YSB	2A	082088	MERCURY	LT	0.5000	UGL	EW		
YSB	2A	082088	MERCURY	LT	0.2000	UGL	WA		
YSB	2A	082088	POTASSIUM		1080.0000	UGL	EE		
YSB	2A	082088	POTASSIUM		874.0000	UGL	EE		
YSB	2A	082088	POTASSIUM		750.0000	UGL	EE		
YSB	2A	082088	POTASSIUM		877.0000	UGL	EW		
YSB	2A	082088	POTASSIUM	LT	5000.0000	UGL	WA		
YSB	2A	082088	MAGNESIUM		413.0000	UGL	EE		
YSB	2A	082088	MAGNESIUM		362.0000	UGL	EE		
YSB	2A	082088	MAGNESIUM		370.0000	UGL	EE		
YSB	2A	082088	MAGNESIUM		466.0000	UGL	EW		
YSB	2A	082088	MAGNESIUM	LT	5000.0000	UGL	WA		
YSB	2A	082088	MANGANESE		2.0000	UGL	EE		
YSB	2A	082088	MANGANESE		2.0000	UGL	EE		
YSB	2A	082088	MANGANESE		2.0000	UGL	EE		
YSB	2A	082088	MANGANESE	LT	20.0000	UGL	EW		
YSB	2A	082088	MANGANESE	LT	15.0000	UGL	WA		
YSB	2A	082088	SODIUM		3780.0000	UGL	EE		
YSB	2A	082088	SODIUM		3780.0000	UGL	EE		
YSB	2A	082088	SODIUM		3880.0000	UGL	EE		
YSB	2A	082088	SODIUM		4290.0000	UGL	EW		
YSB	2A	082088	SODIUM		6770.0000	UGL	WA		
YSB	2A	082088	NICKEL	LT	4.0000	UGL	EE		
YSB	2A	082088	NICKEL	LT	4.0000	UGL	EE		
YSB	2A	082088	NICKEL	LT	4.0000	UGL	EE		
YSB	2A	082088	NITRATE AS NITROGEN		900.0000	UGL	EE		
YSB	2A	082088	NITRATE AS NITROGEN		740.0000	UGL	EE		
YSB	2A	082088	NITRATE AS NITROGEN		900.0000	UGL	EW		
YSB	2A	082088	NITRATE AS NITROGEN		780.0000	UGL	WA		
YSB	2A	082088	LEAD	LT	8.0000	UGL	EE		
YSB	2A	082088	LEAD	LT	8.0000	UGL	EE		
YSB	2A	082088	LEAD	LT	8.0000	UGL	EE		
YSB	2A	082088	LEAD	LT	10.0000	UGL	EW		
YSB	2A	082088	LEAD	LT	5.0000	UGL	WA		
YSB	2A	082088	PH		5.2000	PH	FO		
YSB	2A	082088	PH		5.2000	PH	PD		
YSB	2A	082088	PH		5.2000	PH	EW		
YSB	2A	082088	PH		5.8000	PH	WA		
YSB	2A	082088	PHENOLS	LT	5.0000	UGL	EE		
YSB	2A	082088	PHENOLS	LT	5.0000	UGL	EE		
YSB	2A	082088	PHENOLS	LT	5.0000	UGL	EE		
YSB	2A	082088	PHENOLS	LT	5.0000	UGL	EW		
YSB	2A	082088	PHENOLS		7.2000	UGL	WA		
YSB	2A	082088	SELENIUM	LT	2.0000	UGL	EE		
YSB	2A	082088	SELENIUM	LT	2.0000	UGL	EE		
YSB	2A	082088	SELENIUM	LT	10.0000	UGL	EW		
YSB	2A	082088	SELENIUM	LT	5.0000	UGL	WA		
YSB	2A	082088	SILICA		8100.0000	UGL	EW		
YSB	2A	082088	SILICA		3690.0000	UGL	EE		
YSB	2A	082088	SILICA		3690.0000	UGL	EE		
YSB	2A	082088	SULFATE	LT	5000.0000	UGL	EE		
YSB	2A	082088	SULFATE	LT	5000.0000	UGL	EE		
YSB	2A	082088	SULFATE	LT	4000.0000	UGL	EW		
YSB	2A	082088	SULFATE	LT	5000.0000	UGL	WA		
YSB	2A	082088	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE		
YSB	2A	082088	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE		
YSB	2A	082088	TETRACHLOROETHYLENE	LT	2.0000	UGL	EW		
YSB	2A	082088	TETRACHLOROETHYLENE	LT	1.0000	UGL	WA		
YSB	2A	082088	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE		
YSB	2A	082088	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE		
YSB	2A	082088	TOTAL ORGANIC CARBON	LT	5000.0000	UGL	EW		
YSB	2A	082088	TOTAL ORGANIC CARBON	LT	500.0000	UGL	WA		
YSB	2A	082088	TOTAL RADIUM		0.4500	PCL	EE		
YSB	2A	082088	TOTAL RADIUM	LT	1.0000	PCL	EE		
YSB	2A	082088	TOTAL RADIUM	LT	0.5000	PCL	EW		
YSB	2A	082088	TOTAL ORGANIC HALOGENS		0.4000	PCL	WA		
YSB	2A	082088	TOTAL ORGANIC HALOGENS		13.0000	UGL	EE		
YSB	2A	082088	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE		
YSB	2A	082088	TOTAL ORGANIC HALOGENS		50.0000	UGL	EW		

YSB	2A	082088	TOTAL ORGANIC HALOGENS	LT	10.0000	UGL	WA
YSB	2A	082088	TOTAL ORGANIC HALOGENS	LT	10.0000	UGL	WA
YSB	2A	081088	TOTAL ORGANIC HALOGENS		117.0000	PER	WA
YSB	2A	082088	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	2A	082088	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	2A	082088	TOTAL PHOSPHATES	LT	10.0000	UGL	EW
YSB	2A	082088	TOTAL PHOSPHATES	LT	20.0000	UGL	WA
YSB	2A	082088	TOTAL PHOSPHATES		110.0000	PER	WA
YSB	2A	082088	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	2A	082088	TRICHLOROETHYLENE	LT	1.0000	UGL	FE
YSB	2A	082088	TRICHLOROETHYLENE	LT	2.0000	UGL	LW
YSB	2A	082088	TRICHLOROETHYLENE	LT	1.0000	UGL	WA
YSB	2A	082088	TRITIUM		2.8100	PCML	EE
YSB	2A	082088	TRITIUM		3.0600	PCML	EE
YSB	2A	082088	TRITIUM		2.6000	PCML	EW
YSB	2A	082088	TRITIUM		5.3000	PCML	WA
YSB	2A	082088	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE
YSB	2A	082088	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE
YSB	2A	082088	1,1,1-TRICHLOROETHANE	LT	2.0000	UGL	EW
YSB	2A	082088	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	WA
YSB	2A	082088	ZINC		18.0000	UGL	EE
YSB	2A	082088	ZINC		19.0000	UGL	EE
YSB	2A	082088	ZINC		21.0000	UGL	EE
YSB	2A	122688	SILVER	LT	2.0000	UGL	EE
YSB	2A	122688	GROSS ALPHA	LT	3.0000	PCL	RM
YSB	2A	122688	ARSENIC	LT	2.0000	UGL	EE
YSB	2A	122688	BARIUM		11.0000	UGL	EE
YSB	2A	122688	NONVOLATILE BETA		2.1800	PCL	RM
YSB	2A	122688	BROMODICHLOROMETHANE	LT	5.0000	UGL	EE
YSB	2A	122688	TRICHLOROFLUOROMETHANE	LT	5.0000	UGL	EE
YSB	2A	122688	CARBON TETRACHLORIDE	LT	5.0000	UGL	EE
YSB	2A	122688	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	122688	BROMOFORM	LT	10.0000	UGL	EE
YSB	2A	122688	CHLOROFORM	LT	5.0000	UGL	EE
YSB	2A	122688	METHYLENE CHLORIDE	LT	5.0000	UGL	EE
YSB	2A	122688	BROMOMETHANE	LT	10.0000	UGL	EE
YSB	2A	122688	CHLOROMETHANE	LT	10.0000	UGL	EE
YSB	2A	122688	CHLORIDE		4500.0000	UGL	EE
YSB	2A	122688	CHLOROBENZENE	LT	5.0000	UGL	EE
YSB	2A	122688	SPECIFIC CONDUCTANCE		44.0000	UMEC	FD
YSB	2A	122688	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	122688	CHLOROETHENE	LT	10.0000	UGL	EE
YSB	2A	122688	CHLOROETHANE	LT	10.0000	UGL	EE
YSB	2A	122688	BENZENE	LT	5.0000	UGL	EE
YSB	2A	122688	DIBROMOCHLOROMETHANE	LT	5.0000	UGL	EE
YSB	2A	122688	ETHYLBENZENE	LT	5.0000	UGL	EE
YSB	2A	122688	FLUORIDE	LT	100.0000	UGL	EE
YSB	2A	122688	IRON		68.0000	UGL	EE
YSB	2A	122688	MERCURY	LT	0.2000	UGL	EE
YSB	2A	122688	TOLUENE-D8		108.0000	PER	EE
YSB	2A	122688	TOLUENE	LT	5.0000	UGL	EE
YSB	2A	122688	MANGANESE		3.0000	UGL	EE
YSB	2A	122688	SODIUM		4380.0000	UGL	EE
YSB	2A	122688	NITRATE AS NITROGEN		950.0000	UGL	EE
YSB	2A	122688	LEAD	LT	6.0000	UGL	EE
YSB	2A	122688	P-BROMOFLUOROBENZENE		103.0000	PER	EE
YSB	2A	122688	PH		5.6000	PH	FD
YSB	2A	122688	PHENOLS	LT	5.0000	UGL	EE
YSB	2A	122688	SELENIUM	LT	2.0000	UGL	EE
YSB	2A	122688	SULFATE	LT	5000.0000	UGL	EE
YSB	2A	122688	1,1,2,2-TETRACHLOROETHANE	LT	10.0000	UGL	EE
YSB	2A	122688	TETRACHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	2A	122688	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	2A	122688	TOTAL ORGANIC CARBON	LT	1000.0000	UGL	EE
YSB	2A	122688	TOTAL RADIUM	LT	1.0000	PCL	RM
YSB	2A	122688	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	122688	TRICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	2A	122688	TRANS-1,2-DICHLOROETHENE	LT	5.0000	UGL	EE
YSB	2A	122688	1,1-DICHLOROETHYLENE	LT	5.0000	UGL	EE
YSB	2A	122688	1,1-DICHLOROETHANE	LT	5.0000	UGL	EE
YSB	2A	122688	1,1,1-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	2A	122688	1,1,2-TRICHLOROETHANE	LT	5.0000	UGL	EE
YSB	2A	122688	1,2-DICHLOROETHANE-DA		108.0000	PER	EE
YSB	2A	122688	1,2-DICHLOROETHANE	LT	1.0000	UGL	EE
YSB	2A	122688	1,2-DICHLOROPROPANE	LT	10.0000	UGL	EE
YSB	2A	122688	CIS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	2A	122688	TRANS-1,3-DICHLOROPROPENE	LT	5.0000	UGL	EE
YSB	2A	122688	2-CHLOROETHYL VINYL ETHER	LT	10.0000	UGL	EE
YSB	2A	031689	SILVER	LT	2.0000	UGL	EE
YSB	2A	031689	GROSS ALPHA	LT	3.0000	PCL	RM

YSB	2A	031889	ARSENIC	LT	2.0000	UGL	EE
YSB	2A	031889	BARIUM		11.0000	UGL	EE
YSB	2A	031889	NONVOLATILE BETA		1.2900	PCL	RM
YSB	2A	031889	CARBON TETRACHLORIDE	LT	1.0000	UGL	EE
YSB	2A	031889	CADMIUM	LT	2.0000	UGL	EE
YSB	2A	031889	CHLOROFORM	LT	1.0000	UGL	EE
YSB	2A	031889	CHLORIDE		5000.0000	UGL	EE
YSB	2A	031889	SPECIFIC CONDUCTANCE		44.0000	UMEC	FD
YSB	2A	031889	CHROMIUM	LT	4.0000	UGL	EE
YSB	2A	031889	FLUORIDE	LT	100.0000	UGL	EE
YSB	2A	031889	IRON		62.0000	UGL	EE
YSB	2A	031889	MERCURY	LT	0.2000	UGL	EE
YSB	2A	031889	SODIUM		3530.0000	UGL	EE
YSB	2A	031889	NITRATE AS NITROGEN		881.0000	UGL	EE
YSB	2A	031889	LEAD	LT	6.0000	UGL	EE
YSB	2A	031889	PH		5.3000	PH	FD
YSB	2A	031889	SELENIUM	LT	2.0000	UGL	EE
YSB	2A	031889	SULFATE	LT	5000.0000	UGL	EE
YSB	2A	031889	TETRACHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	2A	031889	TOTAL RADIUM		0.8300	PCL	RM
YSB	2A	031889	TOTAL ORGANIC HALOGENS	LT	5.0000	UGL	EE
YSB	2A	031889	TOTAL PHOSPHATES	LT	20.0000	UGL	EE
YSB	2A	031889	TRICHLOROETHYLENE	LT	1.0000	UGL	EE
YSB	2A	031889	1,1,1-TRICHLOROETHANE	LT	1.0000	UGL	EE

END

**DATE
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6 / 11 / 92