NOTICE

All drawings located at the end of the document.

1991 ANNUAL RCRA
GROUNDWATER MONITORING REPORT
FOR REGULATED UNITS
AT THE ROCKY FLATS PLANT
-ADDENDUM-

August 1992

EG&G ROCKY FLATS, INC.

ENVIRONMENTAL MANAGEMENT DEPARTMENT

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EXECUTIVE SUMMARY

This addendum to the 1991 Annual RCRA Groundwater Monitoring Report for Regulated Units at Rocky Flats Plant completes the information required under the Colorado Hazardous Waste Act regulations 6 CCR 1007-3, Subpart F, 265.94. Data presented in this addendum, which were unavailable during preparation of the 1991 Annual RCRA Groundwater Monitoring Report dated March 1, 1992, consist of groundwater geochemical data for the three RCRA regulated units at Rocky Flats Plant (Solar Evaporation Ponds, West Spray Field, and Present Landfill).

Newly acquired groundwater quality data provided in this addendum support the findings and conclusions presented in the 1991 Annual RCRA Groundwater Monitoring Report. No new interpretations or conclusions are made in this addendum concerning groundwater flow and contamination at the three RCRA regulated units.

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LIST OF ACRONYMS AND ABBREVIATIONS

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
ANOVA	Analysis of Variance
mg/l	Milligrams Per Liter
pCi/l	Picocuries Per Liter
RCRA	Resource Conservation and Recovery Act
RFP	Rocky Flats Plant
TCE	Trichloroethene
t-1,2-DCE	Total-1,2-Dichloroethene
TDS	Total Dissolved Solids
VOCs	Volatile Organic Compounds
µg/l	Micrograms Per Liter
DL	Detection Limit

1.0 INTRODUCTION

This addendum to the 1991 Annual RCRA Ground Water Monitoring Report for Regulated Units at the Rocky Flats Plant (hereafter referred to as the 1991 Report) completes the information required under the Colorado Hazardous Waste Act regulations 6 CCR 1007-3, Subpart F, 265.94. Data presented in this addendum, which were unavailable during preparation of the 1991 Report, include groundwater quality for the three regulated units (Solar Evaporation Ponds, West Spray Field, Present Landfill) at the Rocky Flats Plant (RFP).

Additional data received to supplement the 1991 Report have been listed by Resource Conservation and Recovery Act (RCRA) unit, well number, analyte group, and sampling quarter in a data accountability table (Appendix A). Additional 1991 data available in this addendum are designated in the table with an "X." Because the unconfined water table at RFP is dynamic, there were times when there was insufficient water in wells to sample for the entire parameter list. As a result, not all wells have data for every parameter. For low production wells, sample collection was prioritized as follows: volatile organic compounds (VOCs), inorganics, nitrate/nitrite, gross alpha/gross beta/uranium, dissolved metals, plutonium/americium, tritium, cesium/radium/strontium, cyanide, and phosphate. For those wells, a qualifier such as "NR" (Analysis Not Requested), or "RS" (Rad Screen Only Requested) is used in the table to signify an incomplete data set. Appendix B includes all additional groundwater quality data for 1991.

Groundwater quality data presented in the addendum consist of data from the third and fourth quarters of 1991 for dissolved metals and VOCs; first, third, and fourth quarters for inorganics (including water quality parameters); and first and fourth quarters for radionuclides. Data obtained during 1991 and presented in this addendum are in the process of being validated in accordance with Environmental Management Program Quality Assurance procedures. At the time this addendum was prepared, only 59 percent of the data had been validated. Therefore, conclusions made in this addendum are based on, as yet, much unvalidated data and may change as all the data are validated. Table A-1 lists the chemical constituents monitored in groundwater during 1991.

Additional 1991 groundwater quality data from monitoring wells located within each RCRA unit were assessed by comparing the additional data to background groundwater quality obtained from sitewide background wells at RFP and to historical water quality data (from previous and subsequent sampling periods) for each well. The sitewide background wells are predominantly located upgradient of the plant's industrial facilities and are unaffected by plant activities, providing samples that are representative of background groundwater quality for the entire site. Comparison to sitewide background values is presented for general purposes only, as appropriate. Table A-2 presents background groundwater quality exceedance values at RFP.

Additional data obtained from downgradient wells for each regulated unit discussed in the 1991 Report were evaluated by comparing upgradient to downgradient data populations using the statistical methods outlined in Section 1.2.3 of the 1991 Report (summarized in Figure A-1), where such additional data were sufficient to allow statistical comparison. For each RCRA unit, downgradient groundwater contamination may be indicated when either the proportion of detections downgradient is significantly greater than upgradient, or there is a statistically significant increase in the mean analyte concentration downgradient with respect to the upgradient concentration as determined by analysis of variance (ANOVA) testing. Data presented in this addendum for the Solar Evaporation Ponds and the Present Landfill were not subjected to statistical analysis due to the small size of the data set relative to the original data set; the additional data would therefore not affect the statistical conclusions reached in the 1991 Report. Sufficient data were available, however, to allow statistical analysis and comparison between upgradient and downgradient data for the West Spray Field due to the greater number of data points for this RCRA unit. Any changes in the interpretations and conclusions reached in the 1991 Report as a result of additional data in the addendum are noted.

The 1991 Report included an analysis of groundwater elevations for the four quarters of 1991. No new data were added to the data set and there are no changes in interpretation of the groundwater flow system at the individual RCRA units.

2.0 SOLAR EVAPORATION PONDS

Table A-3 is a list of groundwater monitoring wells at the Solar Evaporation Ponds. Figures A-2 and A-3 show the location of wells screened in surficial and weathered bedrock materials, respectively, that have additional data and list the analyte groups for which additional data were received. Appendix B presents the complete analytical results. Additional groundwater quality data from 14 wells at the Solar Evaporation Ponds for 1991 are included in this addendum. Eight of 14 wells at the Solar Evaporation Ponds are screened in surficial materials; six wells are screened in weathered bedrock.

For surficial wells, additional data are presented from the first and fourth quarter for radionuclides (six wells), the third quarter for inorganics (including water quality parameters) (three wells), the third quarter for metals (two wells), and the third quarter for VOCs (three wells). For weathered bedrock wells, additional data are presented from the fourth quarter for radionuclides (five wells), and from the third quarter for inorganics, metals, and VOCs (one well).

2.1 GROUNDWATER QUALITY IN THE SOLAR EVAPORATION PONDS AREA

Figures A-4 and A-5 show the concentrations of Uranium-233, 234 (U-233, 234) in wells screened in surficial materials and weathered bedrock, respectively. These figures include additional 1991 data. Concentrations of U-233, 234 for the six surficial wells supplying additional fourth quarter data range from 2.17 (P207489) to 33.7 picocuries/liter (pCi/l) (2187). Reported concentrations of U-234 in the six wells are all above sitewide background values, but are within the range of values (2.13 to 105.2 pCi/l) reported for the Solar Evaporation Ponds. (EG&G 1991).

Additional fourth quarter data for U-233, 234 for the five weathered bedrock wells range from 2.3 (P210189) to 37.49 pCi/l (P209889). Levels of U-233, 234 for weathered bedrock are also above sitewide background values, but are also within the range of values reported for weathered bedrock wells at the Solar Evaporation Ponds (EG&G 1991). Concentrations of additional

U-233, 234 data for surficial materials and weathered bedrock are highest in wells located northeast, southeast, and immediately north and south of the Solar Evaporation Ponds, which is consistent with distributions reported in the 1991 Report (EG&G 1991).

Figure A-4 also shows the detected concentrations of Uranium-238 (U-238) in surficial wells for 1991, including additional fourth quarter data. Concentrations of additional data in surficial materials range from 1.89 (P207489) to 22.2 pCi/l (2187). These levels are consistent with levels for previous quarters where the range was reported as 1.61 to 74.7 pCi/l (EG&G 1991). Detected concentrations in weathered bedrock wells (Figure A-5) range from 1.10 (P210189) to 28.56 pCi/l (P209489). The range presented in the 1991 Report was 0.23 to 67.79 pCi/l. These levels are also consistent with previous quarters (EG&G 1991). The highest concentration of U-238 in the additional data for surficial materials was in well 2187, located southeast and downgradient of the Solar Evaporation Ponds. The highest level of U-238 in the additional data for a bedrock well was in well P209489, located immediately north and downgradient of Pond 207-C.

Concentrations of Americium-241 (total) (Am-241 (total)) and Plutonium-239, 240 (total) (Pu-239, 240 (total)) for surficial and weathered bedrock wells for additional fourth quarter data were all below the detection limit (DL = 0.01 pCi/l). Consequently, no additional figures depicting the new data were prepared for this addendum. Decreases in Am-241 (total) concentrations from 0.136 pCi/l in the second quarter to nondetect levels in the fourth quarter were observed in surficial well 1586, located northeast and downgradient of the french drain and the Solar Evaporation Ponds. Levels of Am-241 (total) and Pu-239, 240 (total) in the additional data are consistent with concentrations in the 1991 Report (EG&G 1991).

Additional data for nitrate/nitrite (NO_3/NO_2) was reported for three surficial material wells and one weathered bedrock well for third quarter 1991. Additional data for surficial wells range from 37.0 to 160 milligrams per liter (mg/l). Well 2686 reported 37 mg/l, well 2886 reported 150 mg/l, and well 5687 reported 160 mg/l. These wells are located immediately south and east of the Solar Evaporation Ponds. There was no change in concentrations for well 2686 from

previous or subsequent quarters. Well 2886 exhibited a range in concentrations for nitrate/nitrite from 62 to 170 mg/l in the second quarter, to a high of 240 mg/l in fourth quarter. Third quarter data for well 2886 is consistent with this range. Third quarter concentrations in well 5687 (160 mg/l) are greater by almost a factor of two than either previous or subsequent quarters, but does not substantially alter the interpretation presented in the 1991 Report. Nitrate/nitrite levels of 10 mg/l for the third quarter in weathered bedrock well P209389 are consistent with previous and subsequent quarters for this well and within the range of values established in the 1991 Report.

VOCs were detected in one of three surficial wells (5687) and one additional weathered bedrock well (P209389) for third quarter 1991 (Figures A-6 and A-7, respectively). VOCs detected in groundwater in surficial well 5687 include trichloroethene (TCE), 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), and total-1,2-dichloroethene (t-1,2-DCE) at concentrations ranging from 6 micrograms per liter (µg/l) to 74 µg/l (TCE). VOC detections in weathered bedrock well P209389 include 1,1-DCE, chloroform, carbon tetrachloride, and acetone at concentrations ranging from 8 µg/l to 84 µg/l (1,1-DCE). Concentrations of VOCs in these two wells are unchanged from values presented in the 1991 Report and, therefore, do not alter established conclusions regarding VOC occurrence in the Solar Evaporation Ponds area. The presence of acetone in well P209389 is probably due to contamination during laboratory analysis. Acetone has been recognized by the U.S. Environmental Protection Agency as a common laboratory contaminant (EG&G 1991).

2.2 CONCLUSIONS

Conclusions regarding groundwater quality in the area of the Solar Evaporation Ponds in the 1991 Report (EG&G 1991) indicate that groundwater in downgradient surficial and weathered bedrock wells to the north, east, and southeast of the Solar Evaporation Ponds are impacted with radionuclides, VOCs, inorganics (primarily nitrate/nitrite), and total dissolved solids (TDS). Additional data received for 1991 support these conclusions. VOCs were also detected upgradient and south of the Solar Evaporation Ponds in the vicinity of Pond 207-C in third

quarter 1991. The occurrence of radionuclides in wells within and downgradient of the Solar Evaporation Ponds for fourth quarter 1991 is consistent with the distribution identified in the 1991 Report. Levels of nitrate/nitrite are also consistent with those reported previously (EG&G 1991).

3.0 WEST SPRAY FIELD

Appendix B presents additional data from nine wells from third and fourth quarters of 1991 at the West Spray Field. Additional data included inorganics for the third (five wells) and fourth quarter (three wells), metals for the third (five wells) and fourth quarters (three wells), radionuclides for the fourth quarter (seven wells), and VOCs for the third (five wells) and fourth quarters (three wells). Table A-4 lists the West Spray Field groundwater monitoring wells. Figure A-8 depicts the location and analyte groups for which additional data are presented for surficial wells. There were no outstanding data for weathered bedrock wells. Due to the large amount of additional 1991 data for the West Spray Field relative to the original 1991 data set, statistical analysis of the data was performed.

3.1 STATISTICAL EVALUATION OF DOWNGRADIENT GROUNDWATER QUALITY WITH RESPECT TO UPGRADIENT GROUNDWATER QUALITY

Groundwater quality data from a monitoring well located upgradient of the West Spray Field were statistically compared with groundwater quality data from monitoring wells located downgradient of the unit to assess potential contaminant releases into the uppermost aquifer by the regulated unit. One upgradient well (5186) provides upgradient groundwater quality data for the West Spray Field. Five wells (B110989, B111189, B410589, B410689, and B410789) monitor downgradient groundwater quality. Comparisons between downgradient and upgradient groundwater data were made following the statistical methods discussed in Section 1.2.3 of the 1991 Report (EG&G 1991). Figure A-1 presents a flowchart describing the process used to select the appropriate statistical procedure for each analyte at the regulated unit. For the West Spray Field, sufficient additional 1991 data were available to allow statistical analysis to be made using the flowchart as guidance.

Tables A-5, A-6, and A-7 summarize the statistical comparisons between upgradient and downgradient groundwater. Mercury was the only analyte having less than 10 percent quantified results that exceeded the detection limit in a downgradient well (Table A-5). For analytes with 10 to 50 percent quantified results (Table A-6), a test of proportions indicates that magnesium

has a statistically higher proportion of detects in downgradient wells when compared to the upgradient well. The proportion of detections in the upgradient well is less than the proportion of detections in the downgradient wells, indicating potential contamination with respect to this analyte in the downgradient wells. Phosphate was found to occur at higher concentrations in the upgradient well than downgradient, indicating an upgradient and off-site source of phosphate at the West Spray Field. Acetone occurs with some frequency (10 to 50 percent quantified results); however, the statistical analysis indicates that there is no significant difference between the upgradient and downgradient occurrence of this analyte based on the test of proportions. The presence of acetone in West Spray Field groundwater samples is thought to be due to laboratory contamination during sample analysis (EG&G 1991).

Table A-7 summarizes the results of ANOVA tests on groundwater data for analytes with more than 50 percent quantified results. Analytes and parameters showing statistically significant differences between upgradient and downgradient wells include uranium-233, 234, fluoride, chloride, sodium, sulfate, nitrate/nitrite, and specific conductance. The occurrence of uranium-233, 234, fluoride, sodium, and chloride, in downgradient wells at concentrations statistically greater than upgradient wells and an increase in specific conductance values, may indicate downgradient contamination. Analytes detected in upgradient wells at concentrations exceeding downgradient wells include nitrate/nitrite and sulfate.

3.2 GROUNDWATER QUALITY IN THE WEST SPRAY FIELD AREA

Radionuclides detected in West Spray Field monitoring wells during 1991 include Am-241 (total), Pu-239, 240 (total), U-233, 234, and U-238. Additional 1991 data for radionuclides (fourth quarter results) report concentrations that are below the detection limit for these analytes. Statistical analysis of all 1991 West Spray Field data (Table A-7) indicate that one radionuclide (U-233, 234) occurs at concentrations in downgradient wells at statistically greater levels than upgradient concentrations. U-233, 234 was detected in two of four quarters in three downgradient wells (B110789, B410589, and B410789), indicating an impact on groundwater quality by the West Spray Field. Detections of Am-241 (total), Pu-239, 240 (total), and U-238

showed no significant statistical difference between upgradient and downgradient wells. As a result, additional data for radionuclides presented in this addendum do not alter conclusions made in the 1991 Report regarding radionuclide occurrence at the West Spray Field.

Metals were detected infrequently in monitoring wells at the West Spray Field. Statistical analysis (Tables A-6 and A-7) indicate that only magnesium and sodium occur at concentrations in downgradient wells at statistically greater concentrations than upgradient wells. However, neither of these analytes exceeds sitewide background values. Strontium approaches the critical Z value for downgradient wells (Table A-6), but was frequently detected in sample blanks and may not be representative of groundwater concentrations at the West Spray Field (EG&G 1991). Of the additional 1991 data for metals, only aluminum, chromium, and iron occur at levels above sitewide background (Well 5686), but not at levels that would indicate an impact on the surficial materials flow system. The additional metals data for the West Spray Field do not alter the conclusions regarding metal occurrences reached in the 1991 Report.

Inorganic analytes frequently detected include bicarbonate, chloride, fluoride, nitrate/nitrite, orthophosphate, sulfate, and total suspended solids. Of these, only chloride, fluoride, and sodium occur at significantly greater concentrations in the downgradient wells (Table A-7). Nitrate/nitrite, phosphate, and sulfate occur at significantly greater concentrations in upgradient wells, suggesting an upgradient source for these analytes (Tables A-6 and A-7). Levels of sulfate did not exceed sitewide background values in any well. Figure A-9 illustrates nitrate/nitrate data for third quarter 1991, including additional data from seven wells not included in the 1991 Report. A comparison of second quarter data (Figure 3-8 in the 1991 Report) and third quarter data (Figure A-9) show little change in nitrate/nitrite values between the two quarters. Therefore, the additional third quarter data does not alter previous conclusions regarding nitrate/nitrite occurrence in the West Spray Field area (EG&G 1991). Nitrate/nitrite concentrations exceeded sitewide background values in one well (B410789) for additional third quarter data.

3.3 CONCLUSIONS

Groundwater quality data for 1991, including additional data not included in the 1991 Report, indicate that the West Spray Field may be contributing uranium-233, 234, magnesium, chloride, fluoride, sodium, and nitrate/nitrite to the alluvial groundwater. Nitrate/nitrite values in upgradient, as well as downgradient wells, suggest that an upgradient source of this analyte exists. The presence of VOCs in sample blanks suggests laboratory contamination and is not considered indicative of VOC-contaminated groundwater. Additional data for the West Spray Field for 1991 and the statistical treatment of all 1991 West Spray Field data are consistent with conclusions made in the 1991 Report regarding analyte occurrence and distribution. In summary, neither statistical treatment nor analysis of the additional data altered conclusions made in the 1991 Report regarding analyte occurrence and distribution.

4.0 PRESENT LANDFILL

Appendix B presents additional data from 24 wells at the Present Landfill for third and fourth quarters, including data for radionuclides (19 wells), inorganics (eight wells), VOCs (five wells), and metals (four wells). Seventeen of the 24 wells are screened in surficial materials and seven are screened in weathered bedrock. Table A-8 lists the groundwater monitoring wells at the Present Landfill. Figures A-10 and A-11 show the location of surficial and weathered bedrock wells, respectively, that have additional data.

4.1 GROUNDWATER QUALITY IN THE PRESENT LANDFILL AREA

Additional 1991 data indicate that radionuclides were infrequently detected in surficial wells at the Present Landfill (Figure A-12). Only one surficial well (6387) reported detections of Am-241 (total) and Pu-239, 240 (total) above sitewide background for additional fourth quarter data. Concentrations were reported for Am-241 (total) at 0.05 pCi/l, and for Pu-239, 240 (total) at 0.24 pCi/l in this well. These concentrations are approximately double the concentrations reported in previous quarters for this well. Well 6387 is located within Individual Hazardous Substance Site (IHSS) 114.

U-234 was detected in three of 11 surficial wells and two weathered bedrock wells from the additional data. Surficial wells 6387, 6487, and 7087 reported detections above sitewide background. Weathered bedrock wells B206189 and B207089 had levels of U-234 (19.49 pCi/l and 2.348 pCi/l, respectively) above sitewide background values. Well B207089 is a downgradient well. No significant changes were noted since the previous sampling period, and levels of U-234 in these wells are consistent with levels reported in the 1991 Report.

One detection of U-235 was reported for weathered bedrock well B206189 at 0.71 pCi/l for the additional data for the third and fourth quarters. No detections of U-235 in surficial wells were reported. U-238 was detected in only two of the 11 surficial wells and two of the weathered bedrock wells that had additional data for third and fourth quarters. All detections of U-238 for surficial and weathered bedrock wells were below sitewide background values.

Additional data for inorganics were reported for three surficial wells and two weathered bedrock wells for third quarter and one surficial well and two weathered bedrock wells for first quarter 1991. Inorganics of concern in the 1991 Report include bicarbonate, calcium, chloride, magnesium, sodium, and TDS (EG&G 1991).

Bicarbonate was detected above sitewide background in one surficial well (7087) at 260 mg/l, and one weathered bedrock well (B206289) at 280 mg/l. Calcium was detected in two surficial wells and one weathered bedrock well at levels slightly above sitewide background. The highest concentration above background in a surficial well was 82.7 mg/l in Well 7087. Calcium at 73.0 mg/l was reported at weathered bedrock well B206289. Chloride levels above sitewide background were reported only in surficial well 7087 at 48.0 mg/l. Magnesium was reported slightly above background levels in two surficial and one weathered bedrock well. Sodium was detected above background level in only one surficial well (7087). Levels of TDS above sitewide background were detected only in surficial well 7087 at 500 mg/l. Overall, levels of inorganics in the additional data for wells at the Present Landfill are consistent with levels reported in the 1991 Report and do not change the conclusions regarding contaminant distributions at this unit.

VOCs were not detected in any of the wells reporting additional data for the Present Landfill area. Surficial wells 6087, 7087, 7187, and weathered bedrock wells B206289 and B206889 all report nondetects for VOCs for the third quarter, which is consistent with levels reported in previous and subsequent quarters for these wells. VOCs were reported to have been detected infrequently in alluvial monitoring wells and not at all in weathered bedrock wells for 1991 (EG&G 1991).

Three surficial wells (6087, 7087, and 7187) and one weathered bedrock well (B206289) supplied additional data for third quarter metals. Metals of concern identified in the 1991 Report include chromium, lithium, potassium, and strontium. Chromium was detected in three surficial wells at concentrations ranging from 0.0216 to 0.0845 mg/l. Duplicate samples from these same wells were nondetects. Lithium was not detected in additional data for surficial or weathered bedrock

wells. Potassium was detected below background levels in one surficial well, but was not detected in any additional weathered bedrock wells. Strontium was detected in three surficial wells and one bedrock well at levels below sitewide background. There were no changes in concentrations of these metals compared to the 1991 Report.

4.2 CONCLUSIONS

With the exception of fourth quarter Am-241 (total) and Pu-239, 240 (total) data reported for well 6387, levels of radionuclides, inorganics, VOCs, and metals reported for wells that have additional data for 1991 are consistent with levels reported for these wells in the 1991 Report and do not alter the conclusions regarding contaminant distributions reached in that previous report. The significance of radionuclide levels in well 6387 will be assessed by carefully evaluating data from subsequent quarters in 1992.

5.0 REFERENCES

EG&G. 1991. Annual RCRA Groundwater Monitoring Report for Regulated Units at Rocky Flats Plant, Golden, Colorado, March 1992.

EPA (U.S. Environmental Protection Agency). 1989. Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities. Office of Solid Waste, Waste Management Division, U.S. Environmental Protection Agency, EPA/530-SW-89-026.

TABLES

Table A-1 Chemical Constituents Monitored in Groundwater During 1991

FIELD PARAMETERS
pH
Specific Conductance
Temperature
Dissolved Oxygen
Alkalinity

INDICATORS
Total Dissolved Solids (TDS)
Total Suspended Solids (TSS)
pH [1]

METALS
Target Analyte List
Aluminum (Al)
Antimony (Sb)
Arsenic (As)
Barium (Ba)
Beryllium (Be)
Cadmium (Cd)
Calcium (Ca)
Chromium (Cr) [2]
Cobalt (Co)
Copper (Cu)
Iron (Fe)
Lead (Pb)
Magnesium (Mg)
Manganese (Mn)
Mercury (Hg)
Nickel (Ni)
Potassium (K)
Selenium (Se)
Silver (Ag)
Sodium (Na)
Thallium (Tl)
Vanadium (V)
Zinc (Zn)
Cesium (Cs)
Lithium (Li) [3]

METALS (continued)
Molybdenum (Mo)
Strontium (Sr)
Tin (Sn) [1]

ANIONS
Carbonate (CO_3)
Bicarbonate (HCO_3)
Chloride (Cl)
Fluoride (F)
Sulfate (SO_4)
Nitrate/Nitrite (NO_2/NO_3)
Cyanide (as N) [4]

ORGANICS [5]
Target Compound List - Volatiles:
- Chloromethane (CH_3CL)
- Bromomethane (CH_3Br)
- Vinyl Chloride (C_2H_3CL)
- Chloroethane (C_2H_5Cl)
- Methylene Chloride (CH_2CL_2)
- Acetone
- Carbon Disulfide
- 1,1-Dichloroethane (1,1-DCA)
- 1,1,-Dichloroethene (1,1-DCE)
- trans-1,2-Dichloroethene
- 1,2-Dichloroethene (total) (total 1,2-DCE)
- Chloroform ($CHCl_3$)
- 1,2-Dichloroethane (1,2-DCA)
- 2-Butanone (MEK)
- 1,1,1-Trichloroethane (1,1,1-TCA)
- Carbon Tetrachloride (CCL_4)
- Vinyl Acetate
- Bromodichloromethane
- 1,1,2,2-Tetrachloroethane
- 1,2-Dichloropropane (1,2-DCP)
- trans-1,3-Dichloropropene
- Trichloroethylene (TCE)
- Dibromochloromethane
- 1,1,2-Trichloroethane
- Benzene

Table A-1 Chemical Constituents Monitored in Groundwater During 1991

ORGANICS [5] (continued)
- cis-1,3-Dichloropropene
- Bromoform(CBr_4)
- 2-Hexanone
- 4-Methyl-2-pentanone
- Tetrachloroethene (PCE)
- Toluene (C_7H_8)
- Chlorobenzene (C_6H_5CL)
- Ethyl Benzene
- Styrene
- Xylenes (Total)

RADIONUCLIDES [6,7,8]
Gross Alpha
Gross Beta
Uranium 233+234; 234; 235; and 238 (U-233,234, 235, and 238) - dissolved
Americium 241 (Am-241) - total
Plutonium 239+240 (Pu-239,240) - total
Strontium 89+90 (Sr-89,90) - dissolved
Cesium 137 (Cs-137) - total
Tritium
Radium 226; 228 (Ra-226,228) - dissolved

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(1) Not analyzed prior to 1989.
(2) Analyses in 1990 are for total chromium. Chromium (IV) was analyzed during fourth quarter 1987 only.
(3) Prior to 1989, lithium was only analyzed during fourth quarter 1987 and first quarter 1988.
(4) Cyanide was not analyzed during fourth quarter 1987.
(5) Not analyzed in background samples in 1989.
(6) Dissolved radionuclides replaced total radionuclides (except tritium) beginning with the third quarter 1987. During 1991, only total concentrations of Am-241, Pu-239,240, and Cs-137 were analyzed.
(7) Strontium 89+90 was not analyzed during first quarter 1988.
(8) Not analyzed prior to 1989, and only analyzed when gross alpha exceeds 5 pCi/l.

Table A-2 Background Groundwater Quality Exceedance Values in the Uppermost Aquifer

Analyte	Background Groundwater Quality Exceedance Value	Concentration Unit
Al	0.327*	mg/l
Sb	0.5*	mg/l
As	0.01*	mg/l
Ba	0.2*	mg/l
Be	0.005*	mg/l
Cd	0.0111*	mg/l
Ca	62.5908#	mg/l
Cs	2.5*	mg/l
Cr	0.02*	mg/l
Co	0.05*	mg/l
Cu	0.0477*	mg/l
Fe	0.944*	mg/l
Pb	0.0396*	mg/l
Li	1.79*	mg/l
Mg	16.0851#	mg/l
Mn	0.2133#	mg/l
Hg	0.0008*	mg/l
Mo	0.5*	mg/l
Ni	0.0432*	mg/l
K	11.3*	mg/l
Se	0.221*	mg/l
Ag	0.004*	mg/l
Na	46.7359#	mg/l
Sr	7.12*	mg/l
Tl	1*	mg/l
Sn	1*	mg/l
V	0.05*	mg/l
Zn	0.141*	mg/l
TDS	388.7575#	mg/l
Cl (north)	10.6716#	mg/l
Cl (south)	21.9777#	mg/l
NO^2+NO^3	3.4338#	mg/l
SO4	67.0794#	mg/l
HCO3	249.3524#	mg/l
CO3	5*	mg/l
pH	8.219#	pH unit
CN	0.01*	mg/l
Gross alpha	55.0708#	pCi/l
Gross Beta	59.6331#	pCi/l
U-233,-234	0.1*	pCi/l
U-235	2.0862#	pCi/l
U-238	25.5702#	pCi/l
Sr-89,90	0.9004 [1]#	pCi/l
Pu-239	0.0105#	pCi/l
Am-241	0.0167#	pCi/l
Cs-137	0.5061#	pCi/l
Ra-226	DL	pCi/l
Ra-228	359.0676#	pCi/l
Tritium	DL	pCi/l
Organics	DL	µg/l
Fluoride	DL	mg/l
Oil and Gas	DL	mg/l
Phosphate	DL	mg/l
Silica, dissolved	DL	mg/l
Silicon	DL	µg/l

Table A-2 Background Groundwater Quality Exceedance Values in the Uppermost Aquifer

Analyte	Background Groundwater Quality Exceedance Value	Concentration Unit
Total Suspended Solids	DL	mg/l
Sulfide	DL	mg/l

Background Groundwater Quality Exceedance Value is equal to the upper limit of the tolerance interval reported in the 1990 Background Geochemical Characterization Report

* Background Groundwater Quality Exceedance Value is equal to the maximum concentration detected in background wells from the 1990 Background Geochemical Characterization Report

1 Tolerance interval was calculated for strontium -90 only

DL Organic and inorganic compounds above detection limit are considered as exceeding background groundwater levels if they were included in the 1990 Background Geochemical Characterization Report.

Note: Chloride may have both a north and south value the uppermost aquifer.
Use north chloride values for the Present Landfill and Solar Evaporation Ponds only
Use south chloride values for the West Spray Field.

Table A-3 Solar Evaporation Ponds Groundwater Monitoring Wells

A. Solar Evaporation Ponds

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	0260	Kacl(w)
	0460	Qrf
	1386	Qvf
	1586	Qvf
	1786	Qvf
	1886	Qc
	2086	Qc
	2187	Qc
	2286	Qrf
	2486	Qrf
	2686	Qrf
	2886	Qrf
	2986	Qrf
	3086	Kacl(w)
	3186	Kacl(w)
	3386	Qc
	3586	Qvf
	3686	Qvf
	3787	Qrf
	3887	Qrf
	5687	Qrf
	P207389	Kass(w)
	P207489	Qvf
	P207589	Kacl(w)
	P207689	Qrf
	P207789	Kacl(w)
	P207889	Qrf
	P207989	Kacl(w)
	B208089	Qc
	B208189	Kacl(w)
	B208289	Kacl(w)

Qrf: Rocky Flats Alluvium
Qc: Colluvium
Qvf: Valley Fill Alluvium
Kacl(w): Weathered Arapahoe Formation Claystone
Kass(w): Weathered Arapahoe Formation Sandstone
Kass(u): Unweathered Arapahoe Formation Sandstone

Table A-3 Solar Evaporation Ponds Groundwater Monitoring Wells

A. Solar Evaporation Ponds

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	B208389	Qc
	B208489	Kacl(w)
	B208589	Qvf
	B208689	Kacl(w)
	B208789	Qc
	P208989	Kacl(w)
	P209089	Kacl(w)
	P209189	Kass(w)
	P209289	Qrf
	P209389	Kass(w)
	P209489	Kacl(w)
	P209589	Kacl(w)
	P209689	Kacl(w)
	P209789	Qrf
	P209889	Kacl(w)
	P209989	Qc
	P210089	Kacl(w)
	P210189	Kass(w)
	P210289	Kass(w)
	B210389	Kacl(w)
	B210489	Qc
Lowermost Aquifer (Unweathered Bedrock) [These wells not included in geochemical data tabulations and manipulations]	1486	Kass(u)
	1686	Kass(u)
	2287BR	Kass(u)
	2386	Kass(u)
	2586	Kass(u)
	2786	Kass(u)
	3286	Kass(u)
	3486	Kass(u)
	3987	Kass(u)
	P208889	Kass(u)

Qrf:	Rocky Flats Alluvium
Qc:	Colluvium
Qvf:	Valley Fill Alluvium
Kacl(w):	Weathered Arapahoe Formation Claystone
Kass(w):	Weathered Arapahoe Formation Sandstone
Kass(u):	Unweathered Arapahoe Formation Sandstone

Table A-4 West Spray Field Groundwater Monitoring Wells

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	4586	Qrf
	4786	Qrf
	4986	Qrf
	5086	Qrf
	5186	Qrf
	5686	Qrf
	B410589	Qrf
	B410689	Qrf
	B410789	Qrf
	B110889	Qrf
	B110989	Qrf
	B111189	Qrf
	B411289	Qrf
	B411389	Qrf
Lowermost Aquifer (Unweathered Bedrock)	4686	Kl(u)
	4886	Kl(u)
	5286	Kl(u)

Qrf: Rocky Flats Alluvium

Kl(u): Unweathered Laramie Formation Sandstone

Note: Weathered bedrock wells 0582, 0682, 0782, 0881, 0981, and 1081 lack sufficient well construction documentation and will, therefore, not be used in this report.

Table A-5 Statistics for West Spray Field - Analytes with Less than 10% Quantified Results, 1991 Addendum

Well Location	Analyte Group	Analyte	Analyte Detection Limit	Unit	Analyte Concentration	Unit	Qualifier	Sample Date
B111189	DMET	Mercury	0.0	µg/l	0.24	µg/l	N*	11/13/91

N - Spiked sample recovery not within control limits.
* - Duplicate analysis not within control limits.
DMET - Dissolved metals

Table A-6 Comparative Statistics for West Spray Field - Analytes with 10% to 50% Quantified Results, 1991 Addendum

Analyte	Calculated Z Statistic	Critical Values (two tail) at the 95th Percentile for the Standard Normal Distribution	Calculated Z Statistic Outside of the Critical Value Range of -1.96 to +1.96
Acetone	-0.17	±1.96	
Magnesium	-2.01	±1.96	*
Strontium	-1.87	±1.96	
Phosphate	2.13	± 1.96	**

* Indicates that the proportion of detections in the downgradient well(s) exceeds the proportion of detections in the upgradient well(s).

** Indicates that the proportion of detections in the upgradient well(s) exceeds the proportion of detections in the downgradient well(s).

Table A-7 Comparative Statistics for West Spray Field - Analytes with Greater than 50% Quantified Results, 1991 Addendum

Analyte	ANOVA Method Used[1]	Probability Value	<0.05
Gross Beta	LN	0.917	
Uranium-233, 234	LN	0.0036	*
Uranium-238	LN	0.0068	
Fluoride	NP	0.0007	*
Specific Conductance	LN	0.0001	*
Sulfate	NP	0.0064	**
Calcium	N	0.0034	
pH	N	0.1297	
Sodium	NP	0.0251	*
Gross Alpha	N	0.0382	
Uranium-235	NP	0.3068	
Americium-241, Total	LN	0.8457	
Cesium-137, Total	N	0.1312	
Plutonium-239,240, Total	NP	0.1975	
Bicarbonate	N	0.1082	
Chloride	NP	0.0098	*
Nitrate/Nitrite	NP	0.0044	**
Tritium	N	0.2024	
Silica, Dissolved	NP	0.0112	
Total Dissolved Solids	NP	0.0208	
Total Suspended Solids	NP	0.6252	

[1] LN = ANOVA method for log-normally distributed data.
N = ANOVA method for normally distributed data.
NP = ANOVA method for nonparametric (nondistributed) data.

* Indicates that the analyte concentrations in the downgradient wells are statistically greater than the analyte concentrations in the upgradient well. This may indicate downgradient contamination.

** Indicates that the analyte concentrations in the upgradient well are statistically greater than at least one downgradient well. This may indicate a possible upgradient source.

Table A-8 Present Landfill Groundwater Monitoring Wells

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	0586	Qvf
	0686	Qvf
	0786	Qvf
	1086	Qrf
	4087	Qvf
	4287	Qvf
	5887	Qrf
	6087	Qrf
	6187	Qrf
	6287	Qrf
	6387	Qrf
	6487	Qrf/Kass(w)
	6587	Qrf/Kass(w)
	6687	Qrf
	6787	Qrf
	6887	Qrf
	7087	Qrf
	7187	Qrf
	7287	Qrf
	B106089	Qaf/Qrf
	B206189	Kacl(w)
	B206289	Kacl(w)
	B206389	Qrf/Qaf
	B206489	Qrf/Kass(w)
	B206589	Kass(w)
	B206689	Kacl(w)
	B206789	Kacl(w)
	B206889	Kacl(w)
	B206989	Kacl(w)
	B207089	Kass(w)
	B207289	Kacl(w)
Lowermost Aquifer (Unweathered Bedrock)	0886	Kass(u)
	0986	Kass(u)
	4187	Kacl(w)/Kass(u)
	B207189	Kass(u)

Qaf:	Artificial Fill
Qvf:	Valley Fill Alluvium
Qrf:	Rocky Flats Alluvium
Kacl(w):	Weathered Arapahoe Formation Claystone
Kass(w):	Weathered Arapahoe Formation Sandstone
Kass(u):	Unweathered Arapahoe Formation Sandstone

FIGURES

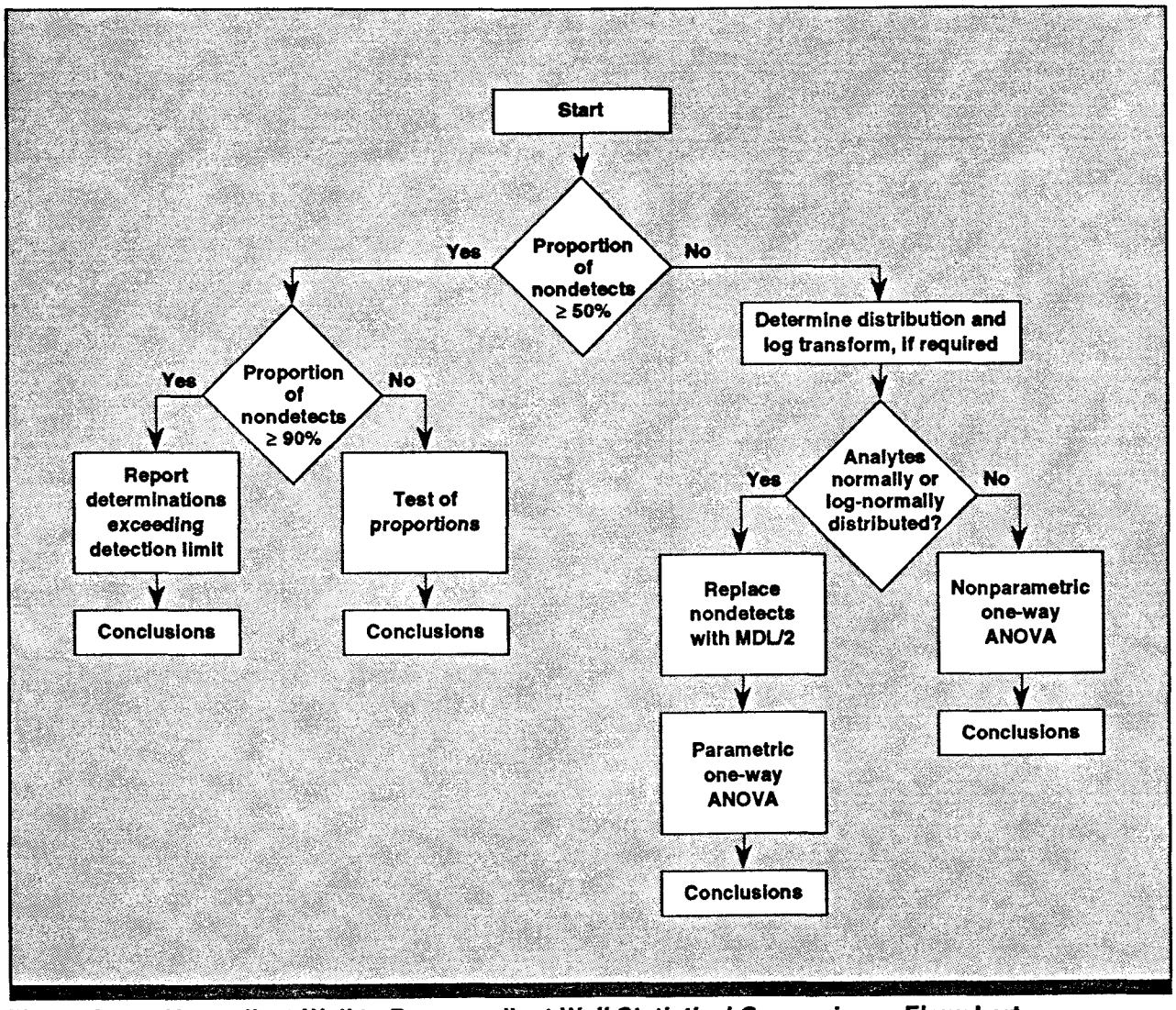

Figure A-1 • Upgradient Well to Downgradient Well Statistical Comparisons Flowchart

APPENDIX A

DATA ACCOUNTABILITY TABLE

DATA ACCOUNTABILITY TABLE
for Data Received Subsequent to the 1991 RCRA Groundwater Monitoring Report
(EG&G, March 1991)

Solar Evaporation Ponds

1991

	Metals				VOA				Inorganics/WQHP				RADS			
Well	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1386													X			X
1586																X
2187		NR	NR	NR												X
2686			X				X				X					X
2886			X	NR			X				X					
2986		NR														
3386		NR														
3686	NR		NR	NR												
3787			NR													
3887		NR	NR													
5687	NR	NR	NR	NR			X				X					
B208089	NR	NR								NR			RS	RS		
B208189	NR		NR	NR												
B208289	NR	NR	NR	NR					NR				RS			
B208689	NR	NR														
B210389		NR		NR												X
B210489																X
P207389																X
P207489			NR	NR												X
P207589	NR			NR	M			NR	NR			NR				RS
P207789		NR				NR								RS		
P207989		NR	NR													
P209089	NR	NR	NR	NR				NR				NR		RS		RS
P209289		NR								NR				RS		
P209389			X				X				X					
P209489																X
P209589	NR	NR	NR	NR										RS		
P209889																X
P210189																X
P210289	NR	NR	NR													
P209989			NR				NR				NR				RS	
2086				WD				WD				WD				WD

DATA ACCOUNTABILITY TABLE
for Data Received Subsequent to the 1991 RCRA Groundwater Monitoring Report (EG&G, March 1991)

Present Landfill

1991

Well	Metals				VOA				Inorganics/WQHP				RADS			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
0586		NR	NR	NR								NR				X
0786			NR	NR							NR					X
4087			NR													
5887																X
6087			X				X				X					
6187																X
6287																X
6387																X
6487																X
6587																X
6687																X
6787																X
6887																X
7087		NR	X				X			NR	X				M	
7187			X				X				X					
7287				NR												X
B106089	NR	NR	NR	NR				NR								RS
B206189																X
B206289			X				X				X					
B206389				NR												RS
B206489				NR					X							
B206689	NR	NR				NR			X				RS			
B206789			NR						M							X
B206889	NR	NR	NR	NR			X				X		RS			X
B206989	NR			NR					NR				RS			X
B207089																X

DATA ACCOUNTABILITY TABLE
for Data Received Subsequent to the 1991 RCRA Groundwater Monitoring Report (EG&G, March 1991)

West Spray Field

1991

Well	Metals				VOA				Inorganics/WQHP				RADS			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
4586																X
4786			X				X				X					
5686			X				X				X					X
B110889			X				X				X					X
B110989			X				X				X					X
B111189				X				X				X				X
B410589			X	X			X	X			X	X				X
B410689																X
B410789				X				X				X				

Abbreviation	Explanation
X	Data Available in Addendum Report for 1991
NR	Analysis Not Requested
RS	Rad Screen Only Requested
WD	Well Damaged - No Sampling Possible
M	Data Missing
	Blank indicates no additional data received

APPENDIX B

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY

1991 ADDENDUM

DATA QUALIFIERS

U - Indicates a compound was analyzed for, but not detected.

J - Indicates an estimated value for either a tentatively identified compound or an analyte that meets the identification criteria, but the result is less than the specified detection limit.

B - Indicates the compound was found in the blank and the sample.

E - Concentration exceeds calibration range of the instrument.

I - Indicates interference.

BS - Indicates matrix analyses were conducted on reagent grade water.

TB - Trip Blank.

BSD - Blank Spike Duplicate.

FB - Field Blank.

BDL - Below Detection Limit.

RNS - Rinse Blank.

MS - Matrix Spike.

REA - Field Sample, not a blank or duplicate.

MSD - Matrix Spike Duplicate.

DUP - Duplicate.

D - Indicates that surrogate/matrix spike recoveries were not obtained because the extract had to be diluted for analysis.

DL - Indicates a secondary dilution.

NA - Not Applicable.

DF - Dilution Factor.

X - Result is by calculation.

VALIDATION QUALIFIERS

V - Valid.

R - Rejected.

A - Acceptable with qualifications.

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Solar Evaportion Ponds - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
1386	RADS	DRADS	ALPHA	GW01880IT	10/22/91	4	4.3410	PCI/L			2.0000
1386	RADS	DRADS	BETA	GW01880IT	10/22/91	4	8.1570	PCI/L			4.0000
1386	RADS	DRADS	RA-226DA	GW00972IT	03/15/91	1	0.5665	PCI/L		A	0.0700
1386	RADS	DRADS	TRITIUM	GW00972IT	03/15/91	1	115.8000	PCI/L	J	V	400.0000
1386	RADS	DRADS	TRITIUM	GW01880IT	10/22/91	4	-61.8000	PCI/L	J		400.0000
1386	RADS	DRADS	U-234	GW01880IT	10/22/91	4	9.9130	PCI/L			0.6000
1386	RADS	DRADS	U-235	GW01880IT	10/22/91	4	0.2566	PCI/L	J		0.6000
1386	RADS	DRADS	U-238DA	GW01880IT	10/22/91	4	9.8880	PCI/L			0.6000
1586	RADS	DRADS	ALPHA	GW01882IT	10/22/91	4	12.9400	PCI/L			2.0000
1586	RADS	DRADS	AM-241	GW01882IT	10/22/91	4	0.0013	PCI/L	J		0.0100
1586	RADS	DRADS	BETA	GW01882IT	10/22/91	4	9.9720	PCI/L			4.0000
1586	RADS	DRADS	CS-137DA	GW01882IT	10/22/91	4	0.1231	PCI/L	J		1.0000
1586	RADS	DRADS	PU239/40	GW01882IT	10/22/91	4	-0.0005	PCI/L	J		0.0100
1586	RADS	DRADS	TOTAL-SR	GW01882IT	10/22/91	4	0.5379	PCI/L	J		1.0000
1586	RADS	DRADS	TRITIUM	GW01882IT	10/22/91	4	181.5000	PCI/L	J		400.0000
1586	RADS	DRADS	U-234	GW01882IT	10/22/91	4	16.7600	PCI/L			0.6000
1586	RADS	DRADS	U-235	GW01882IT	10/22/91	4	0.6300	PCI/L			0.6000
1586	RADS	DRADS	U-238DA	GW01882IT	10/22/91	4	13.9000	PCI/L			0.6000
2187	RADS	DRADS	ALPHA	GW01929IT	10/17/91	4	37.9800	PCI/L			2.0000
2187	RADS	DRADS	BETA	GW01929IT	10/17/91	4	40.9300	PCI/L			4.0000
2187	RADS	DRADS	TRITIUM	GW01929IT	10/17/91	4	54.1100	PCI/L	J		400.0000
2187	RADS	DRADS	U-234	GW01929IT	10/17/91	4	33.7000	PCI/L			0.6000
2187	RADS	DRADS	U-235	GW01929IT	10/17/91	4	0.7325	PCI/L			0.6000
2187	RADS	DRADS	U-238DA	GW01929IT	10/17/91	4	22.2000	PCI/L			0.6000
2686	INORG	WQPL	BICARBONATE	GW01601IT	07/23/91	3	680.0000	MG/L		V	1.0000
2686	INORG	WQPL	SILICA	GW01601IT	07/23/91	3	8.9000	MG/L		V	0.4000
2686	METALS	DMETCLPTAL	ALUMINUM	GW01601IT	07/23/91	3	63.0000	UG/L	B	V	200.0000
2686	METALS	DMETCLPTAL	ANTIMONY	GW01601IT	07/23/91	3	83.0000	UG/L		V	60.0000
2686	METALS	DMETCLPTAL	ARSENIC	GW01601IT	07/23/91	3	2.0000	UG/L	U	V	10.0000
2686	METALS	DMETCLPTAL	BARIUM	GW01601IT	07/23/91	3	41.0000	UG/L	B	V	200.0000
2686	METALS	DMETCLPTAL	BERYLLIUM	GW01601IT	07/23/91	3	1.0000	UG/L	U	V	5.0000
2686	METALS	DMETCLPTAL	CADMIUM	GW01601IT	07/23/91	3	1.0000	UG/L	B	V	5.0000
2686	METALS	DMETCLPTAL	CALCIUM	GW01601IT	07/23/91	3	88800.0000	UG/L		V	5000.0000
2686	METALS	DMETNOCLP	CESIUM	GW01601IT	07/23/91	3	50.0000	UG/L	B	JA	1000.0000
2686	METALS	DMETCLPTAL	CHROMIUM	GW01601IT	07/23/91	3	11.0000	UG/L		JA	10.0000
2686	METALS	DMETCLPTAL	COBALT	GW01601IT	07/23/91	3	2.0000	UG/L	U	V	50.0000
2686	METALS	DMETCLPTAL	COPPER	GW01601IT	07/23/91	3	3.0000	UG/L	U	V	25.0000
2686	METALS	DMETCLPTAL	IRON	GW01601IT	07/23/91	3	19.0000	UG/L	B*	JA	100.0000
2686	METALS	DMETCLPTAL	LEAD	GW01601IT	07/23/91	3	1.0000	UG/L	U	V	3.0000
2686	METALS	DMETNOCLP	LITHIUM	GW01601IT	07/23/91	3	80.0000	UG/L	B	V	100.0000
2686	METALS	DMETCLPTAL	MAGNESIUM	GW01601IT	07/23/91	3	104000.0000	UG/L		V	5000.0000
2686	METALS	DMETCLPTAL	MANGANESE	GW01601IT	07/23/91	3	1.0000	UG/L	U	V	15.0000
2686	METALS	DMETCLPTAL	MERCURY	GW01601IT	07/23/91	3	0.0000	UG/L	U	V	0.0000
2686	METALS	DMETNOCLP	MOLYBDENUM	GW01601IT	07/23/91	3	14.0000	UG/L	B	V	200.0000
2686	METALS	DMETCLPTAL	NICKEL	GW01601IT	07/23/91	3	3.0000	UG/L	U	V	40.0000
2686	METALS	DMETCLPTAL	POTASSIUM	GW01601IT	07/23/91	3	318.0000	UG/L	B	V	5000.0000
2686	METALS	DMETCLPTAL	SELENIUM	GW01601IT	07/23/91	3	14.0000	UG/L	S	V	5.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Solar Evaportion Ponds - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
2686	METALS	DMETCLPTAL	SILVER	GW01601IT	07/23/91	3	2.0000	UG/L	U	V	10.0000
2686	METALS	DMETCLPTAL	SODIUM	GW01601IT	07/23/91	3	201000.0000	UG/L		V	5000.0000
2686	METALS	DMETNOCLP	STRONTIUM	GW01601IT	07/23/91	3	2230.0000	UG/L		V	200.0000
2686	METALS	DMETCLPTAL	THALLIUM	GW01601IT	07/23/91	3	2.0000	UG/L	UW	JA	10.0000
2686	METALS	DMETNOCLP	TIN	GW01601IT	07/23/91	3	80.0000	UG/L	B	V	200.0000
2686	METALS	DMETCLPTAL	VANADIUM	GW01601IT	07/23/91	3	7.0000	UG/L	B	V	50.0000
2686	METALS	DMETCLPTAL	ZINC	GW01601IT	07/23/91	3	20.0000	UG/L		JA	20.0000
2686	RADS	DRADS	ALPHA	GW01910IT	10/15/91	4	32.2800	PCI/L			2.0000
2686	RADS	DRADS	AM-241	GW01910IT	10/15/91	4	0.0099	PCI/L	J		0.0100
2686	RADS	DRADS	BETA	GW01910IT	10/15/91	4	29.6300	PCI/L			4.0000
2686	RADS	DRADS	PU239/40	GW01910IT	10/15/91	4	0.0017	PCI/L	J		0.0100
2686	RADS	DRADS	U-234	GW01910IT	10/15/91	4	24.5000	PCI/L			0.6000
2686	RADS	DRADS	U-235	GW01910IT	10/15/91	4	0.5984	PCI/L	J		0.6000
2686	RADS	DRADS	U-238DA	GW01910IT	10/15/91	4	19.7100	PCI/L			0.6000
2686	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	2-BUTANONE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	2-HEXANONE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	ACETONE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	BENZENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	BROMOFORM	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	BROMOMETHANE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	CHLOROBENZENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	CHLOROETHANE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	CHLOROFORM	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	CHLOROMETHANE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	ETHYLBENZENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	STYRENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	TOLUENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01601IT	07/23/91	3	3.0000	UG/L	J		5.0000
2686	VOC	VOCCLPTCL	VINYL ACETATE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01601IT	07/23/91	3	10.0000	UG/L	U		10.0000
2686	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01601IT	07/23/91	3	7.0000	UG/L	U		5.0000
2686	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01601IT	07/23/91	3	5.0000	UG/L	U		5.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Solar Evaportion Ponds - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
2686	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01601IT	07/23/91	3	-6.0000	UG/L	U		5.0000
2686	WQHP	WQPL	CARBONATE	GW01601IT	07/23/91	3	1.0000	MG/L	U	V	1.0000
2686	WQHP	WQPL	CHLORIDE	GW01601IT	07/23/91	3	27.0000	MG/L		V	0.2000
2686	WQHP	WQPL	FLUORIDE	GW01601IT	07/23/91	3	4.7000	MG/L		V	0.1000
2686	WQHP	WQPL	NITRATE/NITRITE	GW01601IT	07/23/91	3	37.0000	MG/L		V	0.0200
2686	WQHP	WQPL	ORTHOPHOSPHATE	GW01601IT	07/23/91	3	0.0200	MG/L		JA	0.0100
2686	WQHP	WQPL	SULFATE	GW01601IT	07/23/91	3	350.0000	MG/L		V	2.0000
2686	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01601IT	07/23/91	3	1200.0000	MG/L		V	10.0000
2686	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01601IT	07/23/91	3	7.0000	MG/L		V	4.0000
2886	INORG	WQPL	BICARBONATE	GW01563IT	07/23/91	3	400.0000	MG/L		V	1.0000
2886	INORG	WQPL	SILICA	GW01563IT	07/23/91	3	5.9000	MG/L		V	0.4000
2886	METALS	DMETCLPTAL	ALUMINUM	GW01563IT	07/23/91	3	40.0000	UG/L	B	V	200.0000
2886	METALS	DMETCLPTAL	ANTIMONY	GW01563IT	07/23/91	3	25.0000	UG/L	B	V	60.0000
2886	METALS	DMETCLPTAL	ARSENIC	GW01563IT	07/23/91	3	2.0000	UG/L	U	V	10.0000
2886	METALS	DMETCLPTAL	BARIUM	GW01563IT	07/23/91	3	132.0000	UG/L	B	V	200.0000
2886	METALS	DMETCLPTAL	BERYLLIUM	GW01563IT	07/23/91	3	1.0000	UG/L	U	V	5.0000
2886	METALS	DMETCLPTAL	CADMIUM	GW01563IT	07/23/91	3	1.0000	UG/L	U	V	5.0000
2886	METALS	DMETCLPTAL	CALCIUM	GW01563IT	07/23/91	3	83700.0000	UG/L		V	5000.0000
2886	METALS	DMETNOCLP	CESIUM	GW01563IT	07/23/91	3	60.0000	UG/L	B	JA	1000.0000
2886	METALS	DMETCLPTAL	CHROMIUM	GW01563IT	07/23/91	3	8.0000	UG/L	B	JA	10.0000
2886	METALS	DMETCLPTAL	COBALT	GW01563IT	07/23/91	3	2.0000	UG/L	U	V	50.0000
2886	METALS	DMETCLPTAL	COPPER	GW01563IT	07/23/91	3	3.0000	UG/L	U	V	25.0000
2886	METALS	DMETCLPTAL	IRON	GW01563IT	07/23/91	3	9.0000	UG/L	B*	JA	100.0000
2886	METALS	DMETCLPTAL	LEAD	GW01563IT	07/23/91	3	1.0000	UG/L	U	V	3.0000
2886	METALS	DMETNOCLP	LITHIUM	GW01563IT	07/23/91	3	185.0000	UG/L		V	100.0000
2886	METALS	DMETCLPTAL	MAGNESIUM	GW01563IT	07/23/91	3	25700.0000	UG/L		V	5000.0000
2886	METALS	DMETCLPTAL	MANGANESE	GW01563IT	07/23/91	3	117.0000	UG/L		V	15.0000
2886	METALS	DMETCLPTAL	MERCURY	GW01563IT	07/23/91	3	0.0000	UG/L	U	V	0.0000
2886	METALS	DMETNOCLP	MOLYBDENUM	GW01563IT	07/23/91	3	43.0000	UG/L	B	V	200.0000
2886	METALS	DMETCLPTAL	NICKEL	GW01563IT	07/23/91	3	9.0000	UG/L	B	V	40.0000
2886	METALS	DMETCLPTAL	POTASSIUM	GW01563IT	07/23/91	3	106000.0000	UG/L		V	5000.0000
2886	METALS	DMETCLPTAL	SELENIUM	GW01563IT	07/23/91	3	2.0000	UG/L	U	V	5.0000
2886	METALS	DMETCLPTAL	SILVER	GW01563IT	07/23/91	3	2.0000	UG/L	U	V	10.0000
2886	METALS	DMETCLPTAL	SODIUM	GW01563IT	07/23/91	3	275000.0000	UG/L		V	5000.0000
2886	METALS	DMETNOCLP	STRONTIUM	GW01563IT	07/23/91	3	663.0000	UG/L		V	200.0000
2886	METALS	DMETCLPTAL	THALLIUM	GW01563IT	07/23/91	3	2.0000	UG/L	UW	JA	10.0000
2886	METALS	DMETNOCLP	TIN	GW01563IT	07/23/91	3	27.0000	UG/L	B	V	200.0000
2886	METALS	DMETCLPTAL	VANADIUM	GW01563IT	07/23/91	3	2.0000	UG/L	B	V	50.0000
2886	METALS	DMETCLPTAL	ZINC	GW01563IT	07/23/91	3	5.0000	UG/L	B	JA	20.0000
2886	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000

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ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Solar Evaportion Ponds - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
2886	VOC	VOCCLPTCL	2-BUTANONE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	2-HEXANONE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	ACETONE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	BENZENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	BROMOFORM	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	BROMOMETHANE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	CHLOROBENZENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	CHLOROETHANE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	CHLOROFORM	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	CHLOROMETHANE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	ETHYLBENZENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	STYRENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	TOLUENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01563IT	07/23/91	3	5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	VINYL ACETATE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01563IT	07/23/91	3	10.0000	UG/L	U		10.0000
2886	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01563IT	07/23/91	3	7.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01563IT	07/23/91	3	-5.0000	UG/L	U		5.0000
2886	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01563IT	07/23/91	3	-6.0000	UG/L	U		5.0000
2886	WQHP	WQPL	CARBONATE	GW01563IT	07/23/91	3	1.0000	MG/L	U	V	1.0000
2886	WQHP	WQPL	CHLORIDE	GW01563IT	07/23/91	3	29.0000	MG/L		V	0.2000
2886	WQHP	WQPL	FLUORIDE	GW01563IT	07/23/91	3	1.7000	MG/L		V	0.1000
2886	WQHP	WQPL	NITRATE/NITRITE	GW01563IT	07/23/91	3	150.0000	MG/L		V	0.0200
2886	WQHP	WQPL	ORTHOPHOSPHATE	GW01563IT	07/23/91	3	0.0200	MG/L		V	0.0100
2886	WQHP	WQPL	SULFATE	GW01563IT	07/23/91	3	120.0000	MG/L		V	2.0000
2886	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01563IT	07/23/91	3	1600.0000	MG/L		V	10.0000
2886	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01563IT	07/23/91	3	14.0000	MG/L		V	4.0000
5687	INORG	WQPL	BICARBONATE	GW01578IT	07/24/91	3	480.0000	MG/L		V	1.0000
5687	INORG	WQPL	SILICA	GW01578IT	07/24/91	3	8.9000	MG/L		V	0.4000
5687	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01578IT	07/24/91	3	5.0000	UG/L			5.0000
5687	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01578IT	07/24/91	3	11.0000	UG/L			5.0000
5687	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01578IT	07/24/91	3	6.0000	UG/L			5.0000
5687	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01578IT	07/24/91	3	14.0000	UG/L			5.0000
5687	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	2-BUTANONE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	2-HEXANONE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000

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Solar Evaportion Ponds - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
5687	VOC	VOCCLPTCL	ACETONE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	BENZENE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	BROMOFORM	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	BROMOMETHANE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	CHLOROBENZENE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	CHLOROETHANE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	CHLOROFORM	GW01578IT	07/24/91	3	5.0000	UG/L			5.0000
5687	VOC	VOCCLPTCL	CHLOROMETHANE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	ETHYLBENZENE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	STYRENE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01578IT	07/24/91	3	4.0000	UG/L	J		5.0000
5687	VOC	VOCCLPTCL	TOLUENE	GW01578IT	07/24/91	3	5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01578IT	07/24/91	3	74.0000	UG/L			5.0000
5687	VOC	VOCCLPTCL	VINYL ACETATE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01578IT	07/24/91	3	10.0000	UG/L	U		10.0000
5687	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01578IT	07/24/91	3	7.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01578IT	07/24/91	3	-5.0000	UG/L	U		5.0000
5687	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01578IT	07/24/91	3	-6.0000	UG/L	U		5.0000
5687	WQHP	WQPL	CARBONATE	GW01578IT	07/24/91	3	1.0000	MG/L	U	V	1.0000
5687	WQHP	WQPL	CHLORIDE	GW01578IT	07/24/91	3	32.0000	MG/L		V	0.2000
5687	WQHP	WQPL	FLUORIDE	GW01578IT	07/24/91	3	0.7000	MG/L		V	0.1000
5687	WQHP	WQPL	NITRATE/NITRITE	GW01578IT	07/24/91	3	160.0000	MG/L		JA	0.0200
5687	WQHP	WQPL	SULFATE	GW01578IT	07/24/91	3	260.0000	MG/L		V	2.0000
5687	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01578IT	07/24/91	3	1500.0000	MG/L		V	10.0000
5687	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01578IT	07/24/91	3	160.0000	MG/L		V	4.0000
B210489	RADS	DRADS	ALPHA	GW01883IT	10/21/91	4	26.2900	PCI/L			2.0000
B210489	RADS	DRADS	AM-241	GW01883IT	10/21/91	4	0.0014	PCI/L	J		0.0100
B210489	RADS	DRADS	BETA	GW01883IT	10/21/91	4	28.8600	PCI/L			4.0000
B210489	RADS	DRADS	CS-137DA	GW01883IT	10/21/91	4	0.3014	PCI/L	J		1.0000
B210489	RADS	DRADS	PU239/40	GW01883IT	10/21/91	4	0.0008	PCI/L	J		0.0100
B210489	RADS	DRADS	RA-226DA	GW01883IT	10/21/91	4	0.2769	PCI/L	J		0.5000
B210489	RADS	DRADS	TOTAL-SR	GW01883IT	10/21/91	4	0.7285	PCI/L	J		1.0000
B210489	RADS	DRADS	TRITIUM	GW01883IT	10/21/91	4	707.7000	PCI/L			400.0000
B210489	RADS	DRADS	U-234	GW01883IT	10/21/91	4	27.3300	PCI/L			0.6000
B210489	RADS	DRADS	U-235	GW01883IT	10/21/91	4	0.5078	PCI/L	J		0.6000
B210489	RADS	DRADS	U-238DA	GW01883IT	10/21/91	4	19.6900	PCI/L			0.6000
P207489	RADS	DRADS	ALPHA	GW01896IT	10/24/91	4	2.3280	PCI/L			2.0000
P207489	RADS	DRADS	BETA	GW01896IT	10/24/91	4	2.5870	PCI/L	J		4.0000
P207489	RADS	DRADS	U-234	GW01896IT	10/24/91	4	2.1730	PCI/L			0.6000
P207489	RADS	DRADS	U-235	GW01896IT	10/24/91	4	0.0000	PCI/L	J		0.6000
P207489	RADS	DRADS	U-238DA	GW01896IT	10/24/91	4	1.8890	PCI/L			0.6000

♦———— End of Report ————♦

ANALYTE GROUP KEY

Analyte Group Abbreviation	Explanation
DMETN	Dissolved Metals
DMETC	Dissolved Metals
DRADS	Dissolved Radionuclides
RFIN	Inorganics
RFME	Total Metals
RFMS	Dissloved Metals
RFRA	Total Radionuclides
RFRS	Dissolved Radionuclides
RFVO	Volatile Organics
SMETC	Total Metals
SMETN	Total Metals
TRADS	Total Radionuclides
VOCCL	Volatile Organics - Chorinated
WQPL	Water Quality Parameters - Inorganic

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Solar Evaportion Ponds - Weathered Bedrock

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B210389	RADS	DRADS	TRITIUM	GW01877IT	10/22/91	4	-85.9000	PCI/L	J		400.0000
P207389	RADS	DRADS	ALPHA	GW01895IT	10/24/91	4	5.5710	PCI/L			2.0000
P207389	RADS	DRADS	AM-241	GW01895IT	10/24/91	4	0.0036	PCI/L	J		0.0100
P207389	RADS	DRADS	BETA	GW01895IT	10/24/91	4	5.6340	PCI/L			4.0000
P207389	RADS	DRADS	CS-137DA	GW01895IT	10/24/91	4	-0.0802	PCI/L	J		1.0000
P207389	RADS	DRADS	PU239/40	GW01895IT	10/24/91	4	0.0007	PCI/L	J		0.0100
P207389	RADS	DRADS	RA-226DA	GW01895IT	10/24/91	4	0.8664	PCI/L			0.5000
P207389	RADS	DRADS	TOTAL-SR	GW01895IT	10/24/91	4	0.0680	PCI/L	J		1.0000
P207389	RADS	DRADS	TRITIUM	GW01895IT	10/24/91	4	294.3000	PCI/L	J		400.0000
P207389	RADS	DRADS	U-234	GW01895IT	10/24/91	4	4.2750	PCI/L			0.6000
P207389	RADS	DRADS	U-235	GW01895IT	10/24/91	4	-0.0174	PCI/L	J		0.6000
P207389	RADS	DRADS	U-238DA	GW01895IT	10/24/91	4	2.3550	PCI/L			0.6000
P209389	INORG	WQPL	BICARBONATE	GW01580IT	07/24/91	3	130.0000	MG/L		V	1.0000
P209389	INORG	WQPL	SILICA	GW01580IT	07/24/91	3	7.9000	MG/L		V	0.4000
P209389	METALS	DMETCLPTAL	ALUMINUM	GW01580IT	07/24/91	3	46.0000	UG/L	B	V	200.0000
P209389	METALS	DMETCLPTAL	ANTIMONY	GW01580IT	07/24/91	3	16.0000	UG/L	B	V	60.0000
P209389	METALS	DMETCLPTAL	ARSENIC	GW01580IT	07/24/91	3	2.0000	UG/L	U	V	10.0000
P209389	METALS	DMETCLPTAL	BARIUM	GW01580IT	07/24/91	3	99.0000	UG/L	B	V	200.0000
P209389	METALS	DMETCLPTAL	BERYLLIUM	GW01580IT	07/24/91	3	1.0000	UG/L	U	V	5.0000
P209389	METALS	DMETCLPTAL	CADMIUM	GW01580IT	07/24/91	3	1.0000	UG/L	U	V	5.0000
P209389	METALS	DMETCLPTAL	CALCIUM	GW01580IT	07/24/91	3	84900.0000	UG/L		V	5000.0000
P209389	METALS	DMETNOCLP	CESIUM	GW01580IT	07/24/91	3	70.0000	UG/L	B	JA	1000.0000
P209389	METALS	DMETCLPTAL	CHROMIUM	GW01580IT	07/24/91	3	10.0000	UG/L		JA	10.0000
P209389	METALS	DMETCLPTAL	COBALT	GW01580IT	07/24/91	3	2.0000	UG/L	U	V	50.0000
P209389	METALS	DMETCLPTAL	COPPER	GW01580IT	07/24/91	3	3.0000	UG/L	U	V	25.0000
P209389	METALS	DMETCLPTAL	IRON	GW01580IT	07/24/91	3	8.0000	UG/L	B*	JA	100.0000
P209389	METALS	DMETCLPTAL	LEAD	GW01580IT	07/24/91	3	1.0000	UG/L	U	V	3.0000
P209389	METALS	DMETNOCLP	LITHIUM	GW01580IT	07/24/91	3	15.0000	UG/L	B	V	100.0000
P209389	METALS	DMETCLPTAL	MAGNESIUM	GW01580IT	07/24/91	3	12700.0000	UG/L		V	5000.0000
P209389	METALS	DMETCLPTAL	MANGANESE	GW01580IT	07/24/91	3	2.0000	UG/L	B	V	15.0000
P209389	METALS	DMETCLPTAL	MERCURY	GW01580IT	07/24/91	3	0.0000	UG/L	U	V	0.0000
P209389	METALS	DMETNOCLP	MOLYBDENUM	GW01580IT	07/24/91	3	3.0000	UG/L	U	V	200.0000
P209389	METALS	DMETCLPTAL	NICKEL	GW01580IT	07/24/91	3	3.0000	UG/L	U	V	40.0000
P209389	METALS	DMETCLPTAL	POTASSIUM	GW01580IT	07/24/91	3	1230.0000	UG/L	B	V	5000.0000
P209389	METALS	DMETCLPTAL	SELENIUM	GW01580IT	07/24/91	3	2.0000	UG/L	U	V	5.0000
P209389	METALS	DMETCLPTAL	SILVER	GW01580IT	07/24/91	3	2.0000	UG/L	U	V	10.0000
P209389	METALS	DMETCLPTAL	SODIUM	GW01580IT	07/24/91	3	37700.0000	UG/L		V	5000.0000
P209389	METALS	DMETNOCLP	STRONTIUM	GW01580IT	07/24/91	3	370.0000	UG/L		V	200.0000
P209389	METALS	DMETCLPTAL	THALLIUM	GW01580IT	07/24/91	3	2.0000	UG/L	UW	JA	10.0000
P209389	METALS	DMETNOCLP	TIN	GW01580IT	07/24/91	3	22.0000	UG/L	B	V	200.0000
P209389	METALS	DMETCLPTAL	VANADIUM	GW01580IT	07/24/91	3	2.0000	UG/L	B	V	50.0000
P209389	METALS	DMETCLPTAL	ZINC	GW01580IT	07/24/91	3	13.0000	UG/L	B	JA	20.0000
P209389	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01580IT	07/24/91	3	4.0000	UG/L	J		5.0000
P209389	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01580IT	07/24/91	3	3.0000	UG/L	J		5.0000
P209389	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01580IT	07/24/91	3	84.0000	UG/L			5.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Solar Evaportion Ponds - Weathered Bedrock

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
P209389	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	2-BUTANONE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	2-HEXANONE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	ACETONE	GW01580IT	07/24/91	3	13.0000	UG/L	B		10.0000
P209389	VOC	VOCCLPTCL	BENZENE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	BROMOFORM	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	BROMOMETHANE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01580IT	07/24/91	3	36.0000	UG/L			5.0000
P209389	VOC	VOCCLPTCL	CHLOROBENZENE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	CHLOROETHANE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	CHLOROFORM	GW01580IT	07/24/91	3	8.0000	UG/L			5.0000
P209389	VOC	VOCCLPTCL	CHLOROMETHANE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	ETHYLBENZENE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	STYRENE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01580IT	07/24/91	3	3.0000	UG/L	J		5.0000
P209389	VOC	VOCCLPTCL	TOLUENE	GW01580IT	07/24/91	3	5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01580IT	07/24/91	3	3.0000	UG/L	J		5.0000
P209389	VOC	VOCCLPTCL	VINYL ACETATE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01580IT	07/24/91	3	10.0000	UG/L	U		10.0000
P209389	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01580IT	07/24/91	3	7.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01580IT	07/24/91	3	-5.0000	UG/L	U		5.0000
P209389	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01580IT	07/24/91	3	-6.0000	UG/L	U		5.0000
P209389	WQHP	WQPL	CARBONATE	GW01580IT	07/24/91	3	1.0000	MG/L	U	V	1.0000
P209389	WQHP	WQPL	CHLORIDE	GW01580IT	07/24/91	3	38.0000	MG/L		V	0.2000
P209389	WQHP	WQPL	FLUORIDE	GW01580IT	07/24/91	3	0.3000	MG/L		V	0.1000
P209389	WQHP	WQPL	NITRATE/NITRITE	GW01580IT	07/24/91	3	10.0000	MG/L		V	0.0200
P209389	WQHP	WQPL	ORTHOPHOSPHATE	GW01580IT	07/24/91	3	0.0100	MG/L	U	V	0.0100
P209389	WQHP	WQPL	SULFATE	GW01580IT	07/24/91	3	170.0000	MG/L		JA	2.0000
P209389	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01580IT	07/24/91	3	460.0000	MG/L		V	10.0000
P209389	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01580IT	07/24/91	3	4.0000	MG/L	U	V	4.0000
P209489	RADS	DRADS	ALPHA	GW01891IT	10/16/91	4	60.9900	PCI/L			2.0000
P209489	RADS	DRADS	AM-241	GW01891IT	10/16/91	4	0.0029	PCI/L	J		0.0100
P209489	RADS	DRADS	BETA	GW01891IT	10/16/91	4	109.7000	PCI/L			4.0000
P209489	RADS	DRADS	CS-137DA	GW01891IT	10/16/91	4	0.1203	PCI/L	J		1.0000
P209489	RADS	DRADS	PU239/40	GW01891IT	10/16/91	4	-0.0003	PCI/L	J		0.0100
P209489	RADS	DRADS	RA-226DA	GW01891IT	10/16/91	4	0.4032	PCI/L	J		0.5000
P209489	RADS	DRADS	TOTAL-SR	GW01891IT	10/16/91	4	0.0879	PCI/L	J		1.0000
P209489	RADS	DRADS	TRITIUM	GW01891IT	10/16/91	4	1030.0000	PCI/L			400.0000
P209489	RADS	DRADS	U-234	GW01891IT	10/16/91	4	31.2800	PCI/L			0.6000
P209489	RADS	DRADS	U-235	GW01891IT	10/16/91	4	1.3740	PCI/L			0.6000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Solar Evaportion Ponds - Weathered Bedrock

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
P209489	RADS	DRADS	U-238DA	GW01891IT	10/16/91	4	28.5600	PCI/L			0.6000
P209889	RADS	DRADS	ALPHA	GW01907IT	10/15/91	4	75.0500	PCI/L			2.0000
P209889	RADS	DRADS	AM-241	GW01907IT	10/15/91	4	0.0082	PCI/L	J		0.0100
P209889	RADS	DRADS	BETA	GW01907IT	10/15/91	4	85.0200	PCI/L			4.0000
P209889	RADS	DRADS	CS-137DA	GW01907IT	10/15/91	4	0.1048	PCI/L	J		1.0000
P209889	RADS	DRADS	PU239/40	GW01907IT	10/15/91	4	0.0027	PCI/L	J		0.0100
P209889	RADS	DRADS	RA-226DA	GW01907IT	10/15/91	4	4.0580	PCI/L			0.5000
P209889	RADS	DRADS	RA-228	GW01907IT	10/15/91	4	8.5080	PCI/L			1.0000
P209889	RADS	DRADS	TOTAL-SR	GW01907IT	10/15/91	4	0.4468	PCI/L	J		1.0000
P209889	RADS	DRADS	TRITIUM	GW01907IT	10/15/91	4	6492.0000	PCI/L			400.0000
P209889	RADS	DRADS	U-234	GW01907IT	10/15/91	4	37.4900	PCI/L			0.6000
P209889	RADS	DRADS	U-235	GW01907IT	10/15/91	4	0.8506	PCI/L			0.6000
P209889	RADS	DRADS	U-238DA	GW01907IT	10/15/91	4	27.5000	PCI/L			0.6000
P210189	RADS	DRADS	ALPHA	GW01908IT	10/14/91	4	5.8870	PCI/L			2.0000
P210189	RADS	DRADS	AM-241	GW01908IT	10/14/91	4	0.0071	PCI/L	J		0.0100
P210189	RADS	DRADS	BETA	GW01908IT	10/14/91	4	5.5590	PCI/L			4.0000
P210189	RADS	DRADS	CS-137DA	GW01908IT	10/14/91	4	0.3913	PCI/L	J		1.0000
P210189	RADS	DRADS	PU239/40	GW01908IT	10/14/91	4	0.0038	PCI/L	J		0.0100
P210189	RADS	DRADS	RA-226DA	GW01908IT	10/14/91	4	0.4216	PCI/L	J		0.5000
P210189	RADS	DRADS	TOTAL-SR	GW01908IT	10/14/91	4	0.1264	PCI/L	J		1.0000
P210189	RADS	DRADS	TRITIUM	GW01908IT	10/14/91	4	1138.0000	PCI/L			400.0000
P210189	RADS	DRADS	U-234	GW01908IT	10/14/91	4	2.2950	PCI/L			0.6000
P210189	RADS	DRADS	U-235	GW01908IT	10/14/91	4	0.0000	PCI/L	J		0.6000
P210189	RADS	DRADS	U-238DA	GW01908IT	10/14/91	4	1.1030	PCI/L			0.6000

End of Report

ANALYTE GROUP KEY

Analyte Group Abbreviation	Explanation
DMETN	Dissolved Metals
DMETC	Dissolved Metals
DRADS	Dissolved Radionuclides
RFIN	Inorganics
RFME	Total Metals
RFMS	Dissloved Metals
RFRA	Total Radionuclides
RFRS	Dissolved Radionuclides
RFVO	Volatile Organics
SMETC	Total Metals
SMETN	Total Metals
TRADS	Total Radionuclides
VOCCL	Volatile Organics - Chorinated
WQPL	Water Quality Parameters - Inorganic

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
4586	RADS	DRADS	ALPHA	GW01967IT	11/18/91	4	0.6698	PCI/L	J		2.0000
4586	RADS	DRADS	AM-241	GW01967IT	11/18/91	4	0.0026	PCI/L	J		0.0100
4586	RADS	DRADS	BETA	GW01967IT	11/18/91	4	2.2570	PCI/L	J		4.0000
4586	RADS	DRADS	CS-137DA	GW01967IT	11/18/91	4	0.4216	PCI/L	J		1.0000
4586	RADS	DRADS	PU239/40	GW01967IT	11/18/91	4	-0.0004	PCI/L	J		0.0100
4586	RADS	DRADS	TOTAL-SR	GW01967IT	11/18/91	4	0.4354	PCI/L	J		1.0000
4586	RADS	DRADS	TRITIUM	GW01967IT	11/18/91	4	311.6000	PCI/L	J		400.0000
4586	RADS	DRADS	U-234	GW01967IT	11/18/91	4	0.3115	PCI/L	J		0.6000
4586	RADS	DRADS	U-235	GW01967IT	11/18/91	4	0.0458	PCI/L	J		0.6000
4586	RADS	DRADS	U-238DA	GW01967IT	11/18/91	4	-0.0092	PCI/L	J		0.6000
4786	INORG	WQPL	BICARBONATE	GW01546IT	07/18/91	3	81.0000	MG/L		V	1.0000
4786	INORG	WQPL	SILICA	GW01546IT	07/18/91	3	12.0000	MG/L		V	0.4000
4786	METALS	DMETCLPTAL	ALUMINUM	GW01546IT	07/18/91	3	45.0000	UG/L	B	V	200.0000
4786	METALS	DMETCLPTAL	ANTIMONY	GW01546IT	07/18/91	3	9.0000	UG/L	B	V	60.0000
4786	METALS	DMETCLPTAL	ARSENIC	GW01546IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
4786	METALS	DMETCLPTAL	BARIUM	GW01546IT	07/18/91	3	38.0000	UG/L	B	V	200.0000
4786	METALS	DMETCLPTAL	BERYLLIUM	GW01546IT	07/18/91	3	1.0000	UG/L	U	V	5.0000
4786	METALS	DMETCLPTAL	CADMIUM	GW01546IT	07/18/91	3	1.0000	UG/L	U	V	5.0000
4786	METALS	DMETCLPTAL	CALCIUM	GW01546IT	07/18/91	3	17600.0000	UG/L		V	5000.0000
4786	METALS	DMETNOCLP	CESIUM	GW01546IT	07/18/91	3	32.0000	UG/L	U	JA	1000.0000
4786	METALS	DMETCLPTAL	CHROMIUM	GW01546IT	07/18/91	3	4.0000	UG/L	U	V	10.0000
4786	METALS	DMETCLPTAL	COBALT	GW01546IT	07/18/91	3	2.0000	UG/L	U	V	50.0000
4786	METALS	DMETCLPTAL	COPPER	GW01546IT	07/18/91	3	3.0000	UG/L	U	V	25.0000
4786	METALS	DMETCLPTAL	IRON	GW01546IT	07/18/91	3	23.0000	UG/L	B*	JA	100.0000
4786	METALS	DMETCLPTAL	LEAD	GW01546IT	07/18/91	3	1.0000	UG/L	U	V	3.0000
4786	METALS	DMETNOCLP	LITHIUM	GW01546IT	07/18/91	3	2.0000	UG/L	B	V	100.0000
4786	METALS	DMETCLPTAL	MAGNESIUM	GW01546IT	07/18/91	3	3220.0000	UG/L	B	V	5000.0000
4786	METALS	DMETCLPTAL	MANGANESE	GW01546IT	07/18/91	3	1.0000	UG/L	U	V	15.0000
4786	METALS	DMETCLPTAL	MERCURY	GW01546IT	07/18/91	3	0.0000	UG/L	U	V	0.0000
4786	METALS	DMETNOCLP	MOLYBDENUM	GW01546IT	07/18/91	3	3.0000	UG/L	U	V	200.0000
4786	METALS	DMETCLPTAL	NICKEL	GW01546IT	07/18/91	3	3.0000	UG/L	U	V	40.0000
4786	METALS	DMETCLPTAL	POTASSIUM	GW01546IT	07/18/91	3	562.0000	UG/L	B	V	5000.0000
4786	METALS	DMETCLPTAL	SELENIUM	GW01546IT	07/18/91	3	2.0000	UG/L	UW	V	5.0000
4786	METALS	DMETCLPTAL	SILVER	GW01546IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
4786	METALS	DMETCLPTAL	SODIUM	GW01546IT	07/18/91	3	13900.0000	UG/L		V	5000.0000
4786	METALS	DMETNOCLP	STRONTIUM	GW01546IT	07/18/91	3	90.0000	UG/L	B	V	200.0000
4786	METALS	DMETCLPTAL	THALLIUM	GW01546IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
4786	METALS	DMETNOCLP	TIN	GW01546IT	07/18/91	3	14.0000	UG/L	U	V	200.0000
4786	METALS	DMETCLPTAL	VANADIUM	GW01546IT	07/18/91	3	2.0000	UG/L	U	V	50.0000
4786	METALS	DMETCLPTAL	ZINC	GW01546IT	07/18/91	3	3.0000	UG/L	B	JA	20.0000
4786	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
4786	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	2-BUTANONE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	2-HEXANONE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	ACETONE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	BENZENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	BROMOFORM	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	BROMOMETHANE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	CHLOROBENZENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	CHLOROETHANE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	CHLOROFORM	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	CHLOROMETHANE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	ETHYLBENZENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	STYRENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	TOLUENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01546IT	07/18/91	3	5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	VINYL ACETATE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01546IT	07/18/91	3	10.0000	UG/L	U		10.0000
4786	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01546IT	07/18/91	3	7.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01546IT	07/18/91	3	-5.0000	UG/L	U		5.0000
4786	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01546IT	07/18/91	3	-6.0000	UG/L	U		5.0000
4786	WQHP	WQPL	CARBONATE	GW01546IT	07/18/91	3	1.0000	MG/L	U	V	1.0000
4786	WQHP	WQPL	CHLORIDE	GW01546IT	07/18/91	3	2.9000	MG/L		V	0.2000
4786	WQHP	WQPL	FLUORIDE	GW01546IT	07/18/91	3	0.6000	MG/L		JA	0.1000
4786	WQHP	WQPL	NITRATE/NITRITE	GW01546IT	07/18/91	3	0.9000	MG/L		V	0.0200
4786	WQHP	WQPL	ORTHOPHOSPHATE	GW01546IT	07/18/91	3	0.0200	MG/L		JA	0.0100
4786	WQHP	WQPL	SULFATE	GW01546IT	07/18/91	3	6.0000	MG/L		V	2.0000
4786	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01546IT	07/18/91	3	130.0000	MG/L		V	10.0000
4786	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01546IT	07/18/91	3	320.0000	MG/L		V	4.0000
5686	INORG	WQPL	BICARBONATE	GW01733IT	08/27/91	3	130.0000	MG/L			1.0000
5686	INORG	WQPL	SILICA	GW01733IT	08/27/91	3	9.7000	MG/L			0.4000
5686	METALS	DMETCLPTAL	ALUMINUM	GW01733IT	08/27/91	3	23.0000	UG/L	B		200.0000
5686	METALS	DMETCLPTAL	ALUMINUM	GW01733IT	08/27/91	3	1050.0000	UG/L	*		200.0000
5686	METALS	DMETCLPTAL	ANTIMONY	GW01733IT	08/27/91	3	8.0000	UG/L	U		60.0000
5686	METALS	DMETCLPTAL	ARSENIC	GW01733IT	08/27/91	3	2.0000	UG/L	U		10.0000
5686	METALS	DMETCLPTAL	ARSENIC	GW01733IT	08/27/91	3	2.0000	UG/L	UW		10.0000
5686	METALS	DMETCLPTAL	BARIUM	GW01733IT	08/27/91	3	83.0000	UG/L	BE		200.0000
5686	METALS	DMETCLPTAL	BARIUM	GW01733IT	08/27/91	3	98.0000	UG/L	B		200.0000
5686	METALS	DMETCLPTAL	BERYLLIUM	GW01733IT	08/27/91	3	1.0000	UG/L	U		5.0000
5686	METALS	DMETCLPTAL	CADMIUM	GW01733IT	08/27/91	3	1.0000	UG/L	U		5.0000
5686	METALS	DMETCLPTAL	CALCIUM	GW01733IT	08/27/91	3	30400.0000	UG/L			5000.0000

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ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
5686	METALS	DMETCLPTAL	CALCIUM	GW01733IT	08/27/91	3	30700.0000	UG/L			5000.0000
5686	METALS	DMETNOCLP	CESIUM	GW01733IT	08/27/91	3	80.0000	UG/L	B		1000.0000
5686	METALS	DMETCLPTAL	CHROMIUM	GW01733IT	08/27/91	3	4.0000	UG/L	U		10.0000
5686	METALS	DMETCLPTAL	CHROMIUM	GW01733IT	08/27/91	3	49.0000	UG/L			10.0000
5686	METALS	DMETCLPTAL	COBALT	GW01733IT	08/27/91	3	2.0000	UG/L	U		50.0000
5686	METALS	DMETCLPTAL	COPPER	GW01733IT	08/27/91	3	3.0000	UG/L	U		25.0000
5686	METALS	DMETCLPTAL	COPPER	GW01733IT	08/27/91	3	7.0000	UG/L	B		25.0000
5686	METALS	DMETCLPTAL	CYANIDE	GW01733IT	08/27/91	3	2.0000	UG/L	U		10.0000
5686	METALS	DMETCLPTAL	IRON	GW01733IT	08/27/91	3	22.0000	UG/L	B		100.0000
5686	METALS	DMETCLPTAL	IRON	GW01733IT	08/27/91	3	1530.0000	UG/L			100.0000
5686	METALS	DMETCLPTAL	LEAD	GW01733IT	08/27/91	3	1.0000	UG/L	U		3.0000
5686	METALS	DMETCLPTAL	LEAD	GW01733IT	08/27/91	3	1.0000	UG/L	B		3.0000
5686	METALS	DMETNOCLP	LITHIUM	GW01733IT	08/27/91	3	3.0000	UG/L	B		100.0000
5686	METALS	DMETNOCLP	LITHIUM	GW01733IT	08/27/91	3	4.0000	UG/L	B		100.0000
5686	METALS	DMETCLPTAL	MAGNESIUM	GW01733IT	08/27/91	3	7540.0000	UG/L			5000.0000
5686	METALS	DMETCLPTAL	MAGNESIUM	GW01733IT	08/27/91	3	7630.0000	UG/L			5000.0000
5686	METALS	DMETCLPTAL	MANGANESE	GW01733IT	08/27/91	3	85.0000	UG/L			15.0000
5686	METALS	DMETCLPTAL	MANGANESE	GW01733IT	08/27/91	3	86.0000	UG/L			15.0000
5686	METALS	DMETCLPTAL	MERCURY	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	METALS	DMETNOCLP	MOLYBDENUM	GW01733IT	08/27/91	3	3.0000	UG/L	U		200.0000
5686	METALS	DMETCLPTAL	NICKEL	GW01733IT	08/27/91	3	30.0000	UG/L	B		40.0000
5686	METALS	DMETCLPTAL	NICKEL	GW01733IT	08/27/91	3	17.0000	UG/L	B		40.0000
5686	METALS	DMETCLPTAL	POTASSIUM	GW01733IT	08/27/91	3	1610.0000	UG/L	BE		5000.0000
5686	METALS	DMETCLPTAL	POTASSIUM	GW01733IT	08/27/91	3	1870.0000	UG/L	B		5000.0000
5686	METALS	DMETCLPTAL	SELENIUM	GW01733IT	08/27/91	3	1.0000	UG/L	U		5.0000
5686	METALS	DMETCLPTAL	SILVER	GW01733IT	08/27/91	3	2.0000	UG/L	U		10.0000
5686	METALS	DMETCLPTAL	SODIUM	GW01733IT	08/27/91	3	22400.0000	UG/L			5000.0000
5686	METALS	DMETCLPTAL	SODIUM	GW01733IT	08/27/91	3	22100.0000	UG/L	E		5000.0000
5686	METALS	DMETNOCLP	STRONTIUM	GW01733IT	08/27/91	3	194.0000	UG/L	B		200.0000
5686	METALS	DMETCLPTAL	THALLIUM	GW01733IT	08/27/91	3	2.0000	UG/L	U		10.0000
5686	METALS	DMETCLPTAL	THALLIUM	GW01733IT	08/27/91	3	2.0000	UG/L	UWN		10.0000
5686	METALS	DMETNOCLP	TIN	GW01733IT	08/27/91	3	14.0000	UG/L	U		200.0000
5686	METALS	DMETNOCLP	TIN	GW01733IT	08/27/91	3	15.0000	UG/L	B		200.0000
5686	METALS	DMETCLPTAL	VANADIUM	GW01733IT	08/27/91	3	2.0000	UG/L	U		50.0000
5686	METALS	DMETCLPTAL	VANADIUM	GW01733IT	08/27/91	3	5.0000	UG/L	B		50.0000
5686	METALS	DMETCLPTAL	ZINC	GW01733IT	08/27/91	3	8.0000	UG/L	B		20.0000
5686	METALS	DMETCLPTAL	ZINC	GW01733IT	08/27/91	3	27.0000	UG/L			20.0000
5686	RADS	DRADS	ALPHA	GW02094IT	12/07/91	4	1.2660	PCI/L	J		2.0000
5686	RADS	DRADS	AM-241	GW02094IT	12/07/91	4	0.0040	PCI/L	J		0.0100
5686	RADS	DRADS	BETA	GW02094IT	12/07/91	4	3.1760	PCI/L	J		4.0000
5686	RADS	DRADS	CS-137DA	GW02094IT	12/07/91	4	0.0696	PCI/L	J		1.0000
5686	RADS	DRADS	PU239/40	GW02094IT	12/07/91	4	0.0020	PCI/L	J		0.0100
5686	RADS	DRADS	TOTAL-SR	GW02094IT	12/07/91	4	0.8285	PCI/L	J		1.0000
5686	RADS	DRADS	TRITIUM	GW02094IT	12/07/91	4	36.6200	PCI/L	J		400.0000
5686	RADS	DRADS	U-234	GW02094IT	12/07/91	4	0.0923	PCI/L	J		0.6000
5686	RADS	DRADS	U-235	GW02094IT	12/07/91	4	0.0000	PCI/L	J		0.6000
5686	RADS	DRADS	U-238DA	GW02094IT	12/07/91	4	0.1026	PCI/L	J		0.6000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
5686	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	2-BUTANONE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	2-HEXANONE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	ACETONE	GW01733IT	08/27/91	3	0.0000	UG/L	BJ		0.0000
5686	VOC	VOCCLPTCL	BENZENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	BROMOFORM	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	BROMOMETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	CHLOROBENZENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	CHLOROETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	CHLOROFORM	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	CHLOROMETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	ETHYLBENZENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01733IT	08/27/91	3	0.0000	UG/L	J		0.0000
5686	VOC	VOCCLPTCL	STYRENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	TOLUENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	VINYL ACETATE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01733IT	08/27/91	3	0.0000	UG/L	U		0.0000
5686	WQHP	WQPL	CARBONATE	GW01733IT	08/27/91	3	1.0000	MG/L	U		1.0000
5686	WQHP	WQPL	CHLORIDE	GW01733IT	08/27/91	3	21.0000	MG/L			0.2000
5686	WQHP	WQPL	FLUORIDE	GW01733IT	08/27/91	3	0.3000	MG/L			0.1000
5686	WQHP	WQPL	NITRATE/NITRITE	GW01733IT	08/27/91	3	0.0200	MG/L	U		0.0200
5686	WQHP	WQPL	ORTHOPHOSPHATE	GW01733IT	08/27/91	3	0.0100	MG/L	U		0.0100
5686	WQHP	WQPL	SULFATE	GW01733IT	08/27/91	3	9.0000	MG/L			2.0000
5686	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01733IT	08/27/91	3	210.0000	MG/L			10.0000
5686	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01733IT	08/27/91	3	190.0000	MG/L			4.0000
B110889	INORG	WQPL	BICARBONATE	GW01594IT	07/24/91	3	100.0000	MG/L		V	1.0000
B110889	INORG	WQPL	SILICA	GW01594IT	07/24/91	3	11.0000	MG/L		V	0.4000
B110889	METALS	DMETCLPTAL	ALUMINUM	GW01594IT	07/24/91	3	27.0000	UG/L	B	V	200.0000
B110889	METALS	DMETCLPTAL	ANTIMONY	GW01594IT	07/24/91	3	10.0000	UG/L	B	V	60.0000
B110889	METALS	DMETCLPTAL	ARSENIC	GW01594IT	07/24/91	3	2.0000	UG/L	U	V	10.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B110889	METALS	DMETCLPTAL	BARIUM	GW01594IT	07/24/91	3	49.0000	UG/L	B	V	200.0000
B110889	METALS	DMETCLPTAL	BERYLLIUM	GW01594IT	07/24/91	3	1.0000	UG/L	U	V	5.0000
B110889	METALS	DMETCLPTAL	CADMIUM	GW01594IT	07/24/91	3	1.0000	UG/L	U	V	5.0000
B110889	METALS	DMETCLPTAL	CALCIUM	GW01594IT	07/24/91	3	30100.0000	UG/L		V	5000.0000
B110889	METALS	DMETNOCLP	CESIUM	GW01594IT	07/24/91	3	80.0000	UG/L	B	JA	1000.0000
B110889	METALS	DMETCLPTAL	CHROMIUM	GW01594IT	07/24/91	3	4.0000	UG/L	B	JA	10.0000
B110889	METALS	DMETCLPTAL	COBALT	GW01594IT	07/24/91	3	2.0000	UG/L	U	V	50.0000
B110889	METALS	DMETCLPTAL	COPPER	GW01594IT	07/24/91	3	3.0000	UG/L	U	V	25.0000
B110889	METALS	DMETCLPTAL	IRON	GW01594IT	07/24/91	3	15.0000	UG/L	B*	JA	100.0000
B110889	METALS	DMETCLPTAL	LEAD	GW01594IT	07/24/91	3	1.0000	UG/L	U	V	3.0000
B110889	METALS	DMETNOCLP	LITHIUM	GW01594IT	07/24/91	3	4.0000	UG/L	B	V	100.0000
B110889	METALS	DMETCLPTAL	MAGNESIUM	GW01594IT	07/24/91	3	6410.0000	UG/L		V	5000.0000
B110889	METALS	DMETCLPTAL	MANGANESE	GW01594IT	07/24/91	3	2.0000	UG/L	B	V	15.0000
B110889	METALS	DMETCLPTAL	MERCURY	GW01594IT	07/24/91	3	0.0000	UG/L	U	V	0.0000
B110889	METALS	DMETNOCLP	MOLYBDENUM	GW01594IT	07/24/91	3	3.0000	UG/L	U	V	200.0000
B110889	METALS	DMETCLPTAL	NICKEL	GW01594IT	07/24/91	3	3.0000	UG/L	U	V	40.0000
B110889	METALS	DMETCLPTAL	POTASSIUM	GW01594IT	07/24/91	3	762.0000	UG/L	B	V	5000.0000
B110889	METALS	DMETCLPTAL	SELENIUM	GW01594IT	07/24/91	3	2.0000	UG/L	U	V	5.0000
B110889	METALS	DMETCLPTAL	SILVER	GW01594IT	07/24/91	3	2.0000	UG/L	U	V	10.0000
B110889	METALS	DMETCLPTAL	SODIUM	GW01594IT	07/24/91	3	13100.0000	UG/L		V	5000.0000
B110889	METALS	DMETNOCLP	STRONTIUM	GW01594IT	07/24/91	3	173.0000	UG/L	B	V	200.0000
B110889	METALS	DMETCLPTAL	THALLIUM	GW01594IT	07/24/91	3	2.0000	UG/L	U	V	10.0000
B110889	METALS	DMETNOCLP	TIN	GW01594IT	07/24/91	3	14.0000	UG/L	B	V	200.0000
B110889	METALS	DMETCLPTAL	VANADIUM	GW01594IT	07/24/91	3	2.0000	UG/L	B	V	50.0000
B110889	METALS	DMETCLPTAL	ZINC	GW01594IT	07/24/91	3	6.0000	UG/L	B	JA	20.0000
B110889	RADS	DRADS	ALPHA	GW01976IT	11/12/91	4	1.3780	PCI/L	J		2.0000
B110889	RADS	DRADS	AM-241	GW01976IT	11/12/91	4	0.0019	PCI/L	J		0.0100
B110889	RADS	DRADS	BETA	GW01976IT	11/12/91	4	2.4430	PCI/L	J		4.0000
B110889	RADS	DRADS	CS-137DA	GW01976IT	11/12/91	4	0.4390	PCI/L	J		1.0000
B110889	RADS	DRADS	PU239/40	GW01976IT	11/12/91	4	0.0021	PCI/L	J		0.0100
B110889	RADS	DRADS	TOTAL-SR	GW01976IT	11/12/91	4	0.2748	PCI/L	J		1.0000
B110889	RADS	DRADS	TRITIUM	GW01976IT	11/12/91	4	153.5000	PCI/L	J		400.0000
B110889	RADS	DRADS	U-234	GW01976IT	11/12/91	4	0.3764	PCI/L	J		0.6000
B110889	RADS	DRADS	U-235	GW01976IT	11/12/91	4	-0.0064	PCI/L	J		0.6000
B110889	RADS	DRADS	U-238DA	GW01976IT	11/12/91	4	0.1255	PCI/L	J		0.6000
B110889	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	2-BUTANONE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	2-HEXANONE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	ACETONE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000

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ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B110889	VOC	VOCCLPTCL	BENZENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	BROMOFORM	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	BROMOMETHANE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	CHLOROBENZENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	CHLOROETHANE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	CHLOROFORM	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	CHLOROMETHANE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	ETHYLBENZENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	STYRENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	TOLUENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01594IT	07/24/91	3	5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	VINYL ACETATE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01594IT	07/24/91	3	10.0000	UG/L	U		10.0000
B110889	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01594IT	07/24/91	3	7.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01594IT	07/24/91	3	-5.0000	UG/L	U		5.0000
B110889	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01594IT	07/24/91	3	-6.0000	UG/L	U		5.0000
B110889	WQHP	WQPL	CARBONATE	GW01594IT	07/24/91	3	1.0000	MG/L	U	V	1.0000
B110889	WQHP	WQPL	CHLORIDE	GW01594IT	07/24/91	3	7.4000	MG/L		V	0.2000
B110889	WQHP	WQPL	FLUORIDE	GW01594IT	07/24/91	3	0.6000	MG/L		V	0.1000
B110889	WQHP	WQPL	NITRATE/NITRITE	GW01594IT	07/24/91	3	1.3000	MG/L		V	0.0200
B110889	WQHP	WQPL	ORTHOPHOSPHATE	GW01594IT	07/24/91	3	0.0100	MG/L	U	V	0.0100
B110889	WQHP	WQPL	SULFATE	GW01594IT	07/24/91	3	11.0000	MG/L		V	2.0000
B110889	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01594IT	07/24/91	3	170.0000	MG/L		V	10.0000
B110889	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01594IT	07/24/91	3	4.0000	MG/L	U	V	4.0000
B110989	INORG	WQPL	BICARBONATE	GW01549IT	07/19/91	3	85.0000	MG/L		V	1.0000
B110989	INORG	WQPL	SILICA	GW01549IT	07/19/91	3	12.0000	MG/L		V	0.4000
B110989	METALS	DMETCLPTAL	ALUMINUM	GW01549IT	07/19/91	3	24.0000	UG/L	B	V	200.0000
B110989	METALS	DMETCLPTAL	ANTIMONY	GW01549IT	07/19/91	3	8.0000	UG/L	U	V	60.0000
B110989	METALS	DMETCLPTAL	ARSENIC	GW01549IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
B110989	METALS	DMETCLPTAL	BARIUM	GW01549IT	07/19/91	3	43.0000	UG/L	B	V	200.0000
B110989	METALS	DMETCLPTAL	BERYLLIUM	GW01549IT	07/19/91	3	1.0000	UG/L	U	V	5.0000
B110989	METALS	DMETCLPTAL	CADMIUM	GW01549IT	07/19/91	3	1.0000	UG/L	U	V	5.0000
B110989	METALS	DMETCLPTAL	CALCIUM	GW01549IT	07/19/91	3	18600.0000	UG/L		V	5000.0000
B110989	METALS	DMETNOCLP	CESIUM	GW01549IT	07/19/91	3	32.0000	UG/L	U	V	1000.0000
B110989	METALS	DMETCLPTAL	CHROMIUM	GW01549IT	07/19/91	3	4.0000	UG/L	U	V	10.0000
B110989	METALS	DMETCLPTAL	COBALT	GW01549IT	07/19/91	3	2.0000	UG/L	U	V	50.0000
B110989	METALS	DMETCLPTAL	COPPER	GW01549IT	07/19/91	3	3.0000	UG/L	U	V	25.0000
B110989	METALS	DMETCLPTAL	IRON	GW01549IT	07/19/91	3	8.0000	UG/L	B*	JA	100.0000
B110989	METALS	DMETCLPTAL	LEAD	GW01549IT	07/19/91	3	1.0000	UG/L	U	V	3.0000
B110989	METALS	DMETNOCLP	LITHIUM	GW01549IT	07/19/91	3	3.0000	UG/L	B	V	100.0000
B110989	METALS	DMETCLPTAL	MAGNESIUM	GW01549IT	07/19/91	3	3750.0000	UG/L	B	V	5000.0000

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ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B110989	METALS	DMETCLPTAL	MANGANESE	GW01549IT	07/19/91	3	2.0000	UG/L	B	V	15.0000
B110989	METALS	DMETCLPTAL	MERCURY	GW01549IT	07/19/91	3	0.0000	UG/L	U	V	0.0000
B110989	METALS	DMETNOCLP	MOLYBDENUM	GW01549IT	07/19/91	3	3.0000	UG/L	U	V	200.0000
B110989	METALS	DMETCLPTAL	NICKEL	GW01549IT	07/19/91	3	3.0000	UG/L	U	V	40.0000
B110989	METALS	DMETCLPTAL	POTASSIUM	GW01549IT	07/19/91	3	559.0000	UG/L	B	V	5000.0000
B110989	METALS	DMETCLPTAL	SELENIUM	GW01549IT	07/19/91	3	2.0000	UG/L	U	V	5.0000
B110989	METALS	DMETCLPTAL	SILVER	GW01549IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
B110989	METALS	DMETCLPTAL	SODIUM	GW01549IT	07/19/91	3	15800.0000	UG/L		V	5000.0000
B110989	METALS	DMETNOCLP	STRONTIUM	GW01549IT	07/19/91	3	103.0000	UG/L	B	V	200.0000
B110989	METALS	DMETCLPTAL	THALLIUM	GW01549IT	07/19/91	3	2.0000	UG/L	UW	JA	10.0000
B110989	METALS	DMETNOCLP	TIN	GW01549IT	07/19/91	3	14.0000	UG/L	U	V	200.0000
B110989	METALS	DMETCLPTAL	VANADIUM	GW01549IT	07/19/91	3	2.0000	UG/L	U	V	50.0000
B110989	METALS	DMETCLPTAL	ZINC	GW01549IT	07/19/91	3	5.0000	UG/L	B	JA	20.0000
B110989	RADS	DRADS	ALPHA	GW01963IT	10/25/91	4	0.5411	PCI/L	J		2.0000
B110989	RADS	DRADS	AM-241	GW01963IT	10/25/91	4	0.0000	PCI/L	J		0.0100
B110989	RADS	DRADS	BETA	GW01963IT	10/25/91	4	1.9590	PCI/L	J		4.0000
B110989	RADS	DRADS	CS-137DA	GW01963IT	10/25/91	4	-0.4780	PCI/L	J		1.0000
B110989	RADS	DRADS	PU239/40	GW01963IT	10/25/91	4	-0.0003	PCI/L	J		0.0100
B110989	RADS	DRADS	TOTAL-SR	GW01963IT	10/25/91	4	0.0169	PCI/L	J		1.0000
B110989	RADS	DRADS	TRITIUM	GW01963IT	10/25/91	4	-2.7800	PCI/L	J		400.0000
B110989	RADS	DRADS	U-234	GW01963IT	10/25/91	4	0.1984	PCI/L	J		0.6000
B110989	RADS	DRADS	U-235	GW01963IT	10/25/91	4	-0.0081	PCI/L	J		0.6000
B110989	RADS	DRADS	U-238DA	GW01963IT	10/25/91	4	0.2450	PCI/L	J		0.6000
B110989	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	2-BUTANONE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	2-HEXANONE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	ACETONE	GW01549IT	07/19/91	3	13.0000	UG/L	B		10.0000
B110989	VOC	VOCCLPTCL	BENZENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	BROMOFORM	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	BROMOMETHANE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	CHLOROBENZENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	CHLOROETHANE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	CHLOROFORM	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	CHLOROMETHANE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	ETHYLBENZENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000

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West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B110989	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	STYRENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	TOLUENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01549IT	07/19/91	3	5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	VINYL ACETATE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01549IT	07/19/91	3	10.0000	UG/L	U		10.0000
B110989	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01549IT	07/19/91	3	7.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01549IT	07/19/91	3	-5.0000	UG/L	U		5.0000
B110989	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01549IT	07/19/91	3	-6.0000	UG/L	U		5.0000
B110989	WQHP	WQPL	CARBONATE	GW01549IT	07/19/91	3	1.0000	MG/L	U	V	1.0000
B110989	WQHP	WQPL	CHLORIDE	GW01549IT	07/19/91	3	5.6000	MG/L		V	0.2000
B110989	WQHP	WQPL	FLUORIDE	GW01549IT	07/19/91	3	0.3000	MG/L		JA	0.1000
B110989	WQHP	WQPL	NITRATE/NITRITE	GW01549IT	07/19/91	3	0.9000	MG/L		V	0.0200
B110989	WQHP	WQPL	ORTHOPHOSPHATE	GW01549IT	07/19/91	3	0.0200	MG/L		JA	0.0100
B110989	WQHP	WQPL	SULFATE	GW01549IT	07/19/91	3	9.0000	MG/L		V	2.0000
B110989	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01549IT	07/19/91	3	140.0000	MG/L		V	10.0000
B110989	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01549IT	07/19/91	3	46.0000	MG/L		V	4.0000
B111189	INORG	WQPL	BICARBONATE	GW01975IT	11/13/91	4	58.0000	MG/L		V	1.0000
B111189	INORG	WQPL	SILICA	GW01975IT	11/13/91	4	13.0000	MG/L		V	0.4000
B111189	METALS	DMETCLPTAL	ALUMINUM	GW01975IT	11/13/91	4	27.0000	UG/L	B	V	200.0000
B111189	METALS	DMETCLPTAL	ANTIMONY	GW01975IT	11/13/91	4	33.0000	UG/L	B	JA	60.0000
B111189	METALS	DMETCLPTAL	ARSENIC	GW01975IT	11/13/91	4	2.0000	UG/L	U	V	10.0000
B111189	METALS	DMETCLPTAL	BARIUM	GW01975IT	11/13/91	4	34.0000	UG/L	B	V	200.0000
B111189	METALS	DMETCLPTAL	BERYLLIUM	GW01975IT	11/13/91	4	1.0000	UG/L	U	V	5.0000
B111189	METALS	DMETCLPTAL	CADMIUM	GW01975IT	11/13/91	4	2.0000	UG/L	U	V	5.0000
B111189	METALS	DMETCLPTAL	CALCIUM	GW01975IT	11/13/91	4	12000.0000	UG/L		V	5000.0000
B111189	METALS	DMETNOCLP	CESIUM	GW01975IT	11/13/91	4	51.0000	UG/L	U	V	1000.0000
B111189	METALS	DMETCLPTAL	CHROMIUM	GW01975IT	11/13/91	4	6.0000	UG/L	U	V	10.0000
B111189	METALS	DMETCLPTAL	COBALT	GW01975IT	11/13/91	4	3.0000	UG/L	U	V	50.0000
B111189	METALS	DMETCLPTAL	COPPER	GW01975IT	11/13/91	4	3.0000	UG/L	U	V	25.0000
B111189	METALS	DMETCLPTAL	IRON	GW01975IT	11/13/91	4	148.0000	UG/L		JA	100.0000
B111189	METALS	DMETCLPTAL	LEAD	GW01975IT	11/13/91	4	1.0000	UG/L	U	V	3.0000
B111189	METALS	DMETNOCLP	LITHIUM	GW01975IT	11/13/91	4	2.0000	UG/L	B	V	100.0000
B111189	METALS	DMETCLPTAL	MAGNESIUM	GW01975IT	11/13/91	4	2460.0000	UG/L	B	V	5000.0000
B111189	METALS	DMETCLPTAL	MANGANESE	GW01975IT	11/13/91	4	2.0000	UG/L	B	V	15.0000
B111189	METALS	DMETCLPTAL	MERCURY	GW01975IT	11/13/91	4	0.0000	UG/L	N*	JA	0.0000
B111189	METALS	DMETNOCLP	MOLYBDENUM	GW01975IT	11/13/91	4	3.0000	UG/L	B	V	200.0000
B111189	METALS	DMETCLPTAL	NICKEL	GW01975IT	11/13/91	4	17.0000	UG/L	U	V	40.0000
B111189	METALS	DMETCLPTAL	POTASSIUM	GW01975IT	11/13/91	4	453.0000	UG/L	B	V	5000.0000
B111189	METALS	DMETCLPTAL	SELENIUM	GW01975IT	11/13/91	4	2.0000	UG/L	U	V	5.0000
B111189	METALS	DMETCLPTAL	SILVER	GW01975IT	11/13/91	4	2.0000	UG/L	U	V	10.0000
B111189	METALS	DMETCLPTAL	SODIUM	GW01975IT	11/13/91	4	16200.0000	UG/L		V	5000.0000
B111189	METALS	DMETNOCLP	STRONTIUM	GW01975IT	11/13/91	4	66.0000	UG/L	B	V	200.0000
B111189	METALS	DMETCLPTAL	THALLIUM	GW01975IT	11/13/91	4	1.0000	UG/L	UW	JA	10.0000
B111189	METALS	DMETNOCLP	TIN	GW01975IT	11/13/91	4	17.0000	UG/L	U	V	200.0000
B111189	METALS	DMETCLPTAL	VANADIUM	GW01975IT	11/13/91	4	2.0000	UG/L	B	V	50.0000

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ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B111189	METALS	DMETCLPTAL	ZINC	GW01975IT	11/13/91	4	11.0000	UG/L	B	JA	20.0000
B111189	RADS	DRADS	ALPHA	GW01975IT	11/13/91	4	0.8684	PCI/L	J		2.0000
B111189	RADS	DRADS	AM-241	GW01975IT	11/13/91	4	0.0012	PCI/L	J		0.0100
B111189	RADS	DRADS	BETA	GW01975IT	11/13/91	4	1.2630	PCI/L	J		4.0000
B111189	RADS	DRADS	PU239/40	GW01975IT	11/13/91	4	0.0045	PCI/L	J		0.0100
B111189	RADS	DRADS	TRITIUM	GW01975IT	11/13/91	4	-77.2000	PCI/L	J		400.0000
B111189	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	2-BUTANONE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	2-HEXANONE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	ACETONE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	BENZENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	BROMOFORM	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	BROMOMETHANE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	CHLOROBENZENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	CHLOROETHANE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	CHLOROFORM	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	CHLOROMETHANE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	ETHYLBENZENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01975IT	11/13/91	4	2.0000	UG/L	BJ	JA	5.0000
B111189	VOC	VOCCLPTCL	STYRENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	TOLUENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	VINYL ACETATE	GW01975IT	11/13/91	4	10.0000	UG/L	U	R	10.0000
B111189	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01975IT	11/13/91	4	10.0000	UG/L	U	V	10.0000
B111189	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01975IT	11/13/91	4	5.0000	UG/L	U	V	5.0000
B111189	WQHP	WQPL	CARBONATE	GW01975IT	11/13/91	4	1.0000	MG/L	U	V	1.0000
B111189	WQHP	WQPL	CHLORIDE	GW01975IT	11/13/91	4	2.0000	MG/L		JA	0.2000
B111189	WQHP	WQPL	FLUORIDE	GW01975IT	11/13/91	4	0.6000	MG/L		V	0.1000
B111189	WQHP	WQPL	NITRATE/NITRITE	GW01975IT	11/13/91	4	0.6000	MG/L		V	0.0200
B111189	WQHP	WQPL	ORTHOPHOSPHATE	GW01975IT	11/13/91	4	0.0200	MG/L		V	0.0100
B111189	WQHP	WQPL	SULFATE	GW01975IT	11/13/91	4	9.0000	MG/L		V	2.0000
B111189	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01975IT	11/13/91	4	200.0000	MG/L		V	10.0000

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West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B111189	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01975IT	11/13/91	4	160.0000	MG/L		V	4.0000
B410589	INORG	WQPL	BICARBONATE	GW01547IT	07/19/91	3	130.0000	MG/L		V	1.0000
B410589	INORG	WQPL	BICARBONATE	GW01986IT	11/14/91	4	130.0000	MG/L		V	1.0000
B410589	INORG	WQPL	SILICA	GW01547IT	07/19/91	3	9.4000	MG/L		V	0.4000
B410589	INORG	WQPL	SILICA	GW01986IT	11/14/91	4	9.6000	MG/L		V	0.4000
B410589	METALS	DMETCLPTAL	ALUMINUM	GW01547IT	07/19/91	3	34.0000	UG/L	B	V	200.0000
B410589	METALS	DMETCLPTAL	ALUMINUM	GW01986IT	11/14/91	4	33.0000	UG/L	B	V	200.0000
B410589	METALS	DMETCLPTAL	ANTIMONY	GW01547IT	07/19/91	3	15.0000	UG/L	B	V	60.0000
B410589	METALS	DMETCLPTAL	ANTIMONY	GW01986IT	11/14/91	4	36.0000	UG/L	B	JA	60.0000
B410589	METALS	DMETCLPTAL	ARSENIC	GW01547IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
B410589	METALS	DMETCLPTAL	ARSENIC	GW01986IT	11/14/91	4	2.0000	UG/L	U	V	10.0000
B410589	METALS	DMETCLPTAL	BARIUM	GW01547IT	07/19/91	3	52.0000	UG/L	B	V	200.0000
B410589	METALS	DMETCLPTAL	BARIUM	GW01986IT	11/14/91	4	52.0000	UG/L	B	V	200.0000
B410589	METALS	DMETCLPTAL	BERYLLIUM	GW01547IT	07/19/91	3	1.0000	UG/L	U	V	5.0000
B410589	METALS	DMETCLPTAL	BERYLLIUM	GW01986IT	11/14/91	4	1.0000	UG/L	U	V	5.0000
B410589	METALS	DMETCLPTAL	CADMIUM	GW01547IT	07/19/91	3	1.0000	UG/L	U	V	5.0000
B410589	METALS	DMETCLPTAL	CADMIUM	GW01986IT	11/14/91	4	2.0000	UG/L	U	V	5.0000
B410589	METALS	DMETCLPTAL	CALCIUM	GW01547IT	07/19/91	3	38800.0000	UG/L		V	5000.0000
B410589	METALS	DMETCLPTAL	CALCIUM	GW01986IT	11/14/91	4	39400.0000	UG/L		V	5000.0000
B410589	METALS	DMETNOCLP	CESIUM	GW01547IT	07/19/91	3	32.0000	UG/L	U	JA	1000.0000
B410589	METALS	DMETNOCLP	CESIUM	GW01986IT	11/14/91	4	51.0000	UG/L	U	V	1000.0000
B410589	METALS	DMETCLPTAL	CHROMIUM	GW01547IT	07/19/91	3	4.0000	UG/L	U	V	10.0000
B410589	METALS	DMETCLPTAL	CHROMIUM	GW01986IT	11/14/91	4	6.0000	UG/L	B	JA	10.0000
B410589	METALS	DMETCLPTAL	COBALT	GW01547IT	07/19/91	3	2.0000	UG/L	U	V	50.0000
B410589	METALS	DMETCLPTAL	COBALT	GW01986IT	11/14/91	4	3.0000	UG/L	U	V	50.0000
B410589	METALS	DMETCLPTAL	COPPER	GW01547IT	07/19/91	3	3.0000	UG/L	U	V	25.0000
B410589	METALS	DMETCLPTAL	COPPER	GW01986IT	11/14/91	4	3.0000	UG/L	U	V	25.0000
B410589	METALS	DMETCLPTAL	IRON	GW01547IT	07/19/91	3	12.0000	UG/L	B*	JA	100.0000
B410589	METALS	DMETCLPTAL	IRON	GW01986IT	11/14/91	4	44.0000	UG/L	B	JA	100.0000
B410589	METALS	DMETCLPTAL	LEAD	GW01547IT	07/19/91	3	1.0000	UG/L	U	V	3.0000
B410589	METALS	DMETCLPTAL	LEAD	GW01986IT	11/14/91	4	1.0000	UG/L	U	V	3.0000
B410589	METALS	DMETNOCLP	LITHIUM	GW01547IT	07/19/91	3	2.0000	UG/L	U	V	100.0000
B410589	METALS	DMETNOCLP	LITHIUM	GW01986IT	11/14/91	4	2.0000	UG/L	B	V	100.0000
B410589	METALS	DMETCLPTAL	MAGNESIUM	GW01547IT	07/19/91	3	9710.0000	UG/L		V	5000.0000
B410589	METALS	DMETCLPTAL	MAGNESIUM	GW01986IT	11/14/91	4	9930.0000	UG/L		V	5000.0000
B410589	METALS	DMETCLPTAL	MANGANESE	GW01547IT	07/19/91	3	5.0000	UG/L	B	V	15.0000
B410589	METALS	DMETCLPTAL	MANGANESE	GW01986IT	11/14/91	4	6.0000	UG/L	B	V	15.0000
B410589	METALS	DMETCLPTAL	MERCURY	GW01547IT	07/19/91	3	0.0000	UG/L	U	V	0.0000
B410589	METALS	DMETCLPTAL	MERCURY	GW01986IT	11/14/91	4	0.0000	UG/L	UN*	V	0.0000
B410589	METALS	DMETNOCLP	MOLYBDENUM	GW01547IT	07/19/91	3	4.0000	UG/L	B	V	200.0000
B410589	METALS	DMETNOCLP	MOLYBDENUM	GW01986IT	11/14/91	4	8.0000	UG/L	B	V	200.0000
B410589	METALS	DMETCLPTAL	NICKEL	GW01547IT	07/19/91	3	3.0000	UG/L	U	V	40.0000
B410589	METALS	DMETCLPTAL	NICKEL	GW01986IT	11/14/91	4	17.0000	UG/L	U	V	40.0000
B410589	METALS	DMETCLPTAL	POTASSIUM	GW01547IT	07/19/91	3	398.0000	UG/L	B	V	5000.0000
B410589	METALS	DMETCLPTAL	POTASSIUM	GW01986IT	11/14/91	4	415.0000	UG/L	B	V	5000.0000
B410589	METALS	DMETCLPTAL	SELENIUM	GW01547IT	07/19/91	3	2.0000	UG/L	U	V	5.0000
B410589	METALS	DMETCLPTAL	SELENIUM	GW01986IT	11/14/91	4	2.0000	UG/L	U	V	5.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B410589	METALS	DMETCLPTAL	SILVER	GW01547IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
B410589	METALS	DMETCLPTAL	SILVER	GW01986IT	11/14/91	4	2.0000	UG/L	U	V	10.0000
B410589	METALS	DMETCLPTAL	SODIUM	GW01547IT	07/19/91	3	11400.0000	UG/L		V	5000.0000
B410589	METALS	DMETCLPTAL	SODIUM	GW01986IT	11/14/91	4	11200.0000	UG/L		V	5000.0000
B410589	METALS	DMETNOCLP	STRONTIUM	GW01547IT	07/19/91	3	222.0000	UG/L		V	200.0000
B410589	METALS	DMETNOCLP	STRONTIUM	GW01986IT	11/14/91	4	243.0000	UG/L		V	200.0000
B410589	METALS	DMETCLPTAL	THALLIUM	GW01547IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
B410589	METALS	DMETCLPTAL	THALLIUM	GW01986IT	11/14/91	4	1.0000	UG/L	UW	JA	10.0000
B410589	METALS	DMETNOCLP	TIN	GW01547IT	07/19/91	3	14.0000	UG/L	B	V	200.0000
B410589	METALS	DMETNOCLP	TIN	GW01986IT	11/14/91	4	19.0000	UG/L	B	V	200.0000
B410589	METALS	DMETCLPTAL	VANADIUM	GW01547IT	07/19/91	3	2.0000	UG/L	U	V	50.0000
B410589	METALS	DMETCLPTAL	VANADIUM	GW01986IT	11/14/91	4	4.0000	UG/L	B	V	50.0000
B410589	METALS	DMETCLPTAL	ZINC	GW01547IT	07/19/91	3	3.0000	UG/L	B	JA	20.0000
B410589	METALS	DMETCLPTAL	ZINC	GW01986IT	11/14/91	4	11.0000	UG/L	B	JA	20.0000
B410589	RADS	DRADS	ALPHA	GW01986IT	11/14/91	4	2.6460	PCI/L			2.0000
B410589	RADS	DRADS	AM-241	GW01986IT	11/14/91	4	0.0050	PCI/L	J		0.0100
B410589	RADS	DRADS	BETA	GW01986IT	11/14/91	4	1.2630	PCI/L	J		4.0000
B410589	RADS	DRADS	PU239/40	GW01986IT	11/14/91	4	0.0027	PCI/L	J		0.0100
B410589	RADS	DRADS	TRITIUM	GW01986IT	11/14/91	4	31.8500	PCI/L	J		400.0000
B410589	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	2-BUTANONE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	2-BUTANONE	GW01986IT	11/14/91	4	10.0000	UG/L	U	V	10.0000
B410589	VOC	VOCCLPTCL	2-HEXANONE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	2-HEXANONE	GW01986IT	11/14/91	4	10.0000	UG/L	U	V	10.0000
B410589	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01986IT	11/14/91	4	10.0000	UG/L	U	V	10.0000
B410589	VOC	VOCCLPTCL	ACETONE	GW01547IT	07/19/91	3	12.0000	UG/L	B		10.0000
B410589	VOC	VOCCLPTCL	ACETONE	GW01986IT	11/14/91	4	10.0000	UG/L	U	R	10.0000
B410589	VOC	VOCCLPTCL	BENZENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	BENZENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B410589	VOC	VOCCLPTCL	BROMOFORM	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	BROMOFORM	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	BROMOMETHANE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	BROMOMETHANE	GW01986IT	11/14/91	4	10.0000	UG/L	U	V	10.0000
B410589	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	CHLOROBENZENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	CHLOROBENZENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	CHLOROETHANE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	CHLOROETHANE	GW01986IT	11/14/91	4	10.0000	UG/L	U	V	10.0000
B410589	VOC	VOCCLPTCL	CHLOROFORM	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	CHLOROFORM	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	CHLOROMETHANE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	CHLOROMETHANE	GW01986IT	11/14/91	4	10.0000	UG/L	U	V	10.0000
B410589	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	ETHYLBENZENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	ETHYLBENZENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01547IT	07/19/91	3	2.0000	UG/L	J		5.0000
B410589	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	STYRENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	STYRENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	TOLUENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	TOLUENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01547IT	07/19/91	3	5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	VINYL ACETATE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	VINYL ACETATE	GW01986IT	11/14/91	4	10.0000	UG/L	U	R	10.0000
B410589	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01547IT	07/19/91	3	10.0000	UG/L	U		10.0000
B410589	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01986IT	11/14/91	4	10.0000	UG/L	U	V	10.0000
B410589	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01547IT	07/19/91	3	7.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01547IT	07/19/91	3	-5.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01547IT	07/19/91	3	-6.0000	UG/L	U		5.0000
B410589	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01986IT	11/14/91	4	5.0000	UG/L	U	V	5.0000
B410589	WQHP	WQPL	CARBONATE	GW01547IT	07/19/91	3	1.0000	MG/L	U	V	1.0000
B410589	WQHP	WQPL	CARBONATE	GW01986IT	11/14/91	4	1.0000	MG/L	U	V	1.0000
B410589	WQHP	WQPL	CHLORIDE	GW01547IT	07/19/91	3	9.1000	MG/L		V	0.2000
B410589	WQHP	WQPL	CHLORIDE	GW01986IT	11/14/91	4	9.5000	MG/L		V	0.2000
B410589	WQHP	WQPL	FLUORIDE	GW01547IT	07/19/91	3	2.1000	MG/L		JA	0.1000
B410589	WQHP	WQPL	FLUORIDE	GW01986IT	11/14/91	4	1.7000	MG/L		V	0.1000
B410589	WQHP	WQPL	NITRATE/NITRITE	GW01547IT	07/19/91	3	1.0000	MG/L		V	0.0200

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B410589	WQHP	WQPL	NITRATE/NITRITE	GW01986IT	11/14/91	4	1.2000	MG/L		V	0.0200
B410589	WQHP	WQPL	ORTHOPHOSPHATE	GW01547IT	07/19/91	3	0.0200	MG/L		JA	0.0100
B410589	WQHP	WQPL	ORTHOPHOSPHATE	GW01986IT	11/14/91	4	0.0200	MG/L		JA	0.0100
B410589	WQHP	WQPL	SULFATE	GW01547IT	07/19/91	3	12.0000	MG/L		V	2.0000
B410589	WQHP	WQPL	SULFATE	GW01986IT	11/14/91	4	11.0000	MG/L		V	2.0000
B410589	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01547IT	07/19/91	3	230.0000	MG/L		V	10.0000
B410589	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01986IT	11/14/91	4	190.0000	MG/L		V	10.0000
B410589	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01547IT	07/19/91	3	210.0000	MG/L		V	4.0000
B410589	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01986IT	11/14/91	4	33.0000	MG/L		V	4.0000
B410689	RADS	DRADS	ALPHA	GW01984IT	11/12/91	4	0.9418	PCI/L	J		2.0000
B410689	RADS	DRADS	AM-241	GW01984IT	11/12/91	4	0.0031	PCI/L	J		0.0100
B410689	RADS	DRADS	BETA	GW01984IT	11/12/91	4	2.2780	PCI/L	J		4.0000
B410689	RADS	DRADS	CS-137DA	GW01984IT	11/12/91	4	0.2296	PCI/L	J		1.0000
B410689	RADS	DRADS	PU239/40	GW01984IT	11/12/91	4	0.0000	PCI/L	J		0.0100
B410689	RADS	DRADS	TOTAL-SR	GW01984IT	11/12/91	4	0.3694	PCI/L	J		1.0000
B410689	RADS	DRADS	TRITIUM	GW01984IT	11/12/91	4	276.1000	PCI/L	J		400.0000
B410689	RADS	DRADS	U-234	GW01984IT	11/12/91	4	0.4881	PCI/L	J		0.6000
B410689	RADS	DRADS	U-235	GW01984IT	11/12/91	4	0.0705	PCI/L	J		0.6000
B410689	RADS	DRADS	U-238DA	GW01984IT	11/12/91	4	0.5643	PCI/L	J		0.6000
B410789	INORG	WQPL	BICARBONATE	GW01981IT	11/12/91	4	120.0000	MG/L		V	1.0000
B410789	INORG	WQPL	SILICA	GW01981IT	11/12/91	4	11.0000	MG/L		V	0.4000
B410789	METALS	DMETCLPTAL	ALUMINUM	GW01981IT	11/12/91	4	37.0000	UG/L	B	V	200.0000
B410789	METALS	DMETCLPTAL	ANTIMONY	GW01981IT	11/12/91	4	38.0000	UG/L	B	JA	60.0000
B410789	METALS	DMETCLPTAL	ARSENIC	GW01981IT	11/12/91	4	2.0000	UG/L	U	V	10.0000
B410789	METALS	DMETCLPTAL	BARIUM	GW01981IT	11/12/91	4	80.0000	UG/L	B	V	200.0000
B410789	METALS	DMETCLPTAL	BERYLLIUM	GW01981IT	11/12/91	4	1.0000	UG/L	U	V	5.0000
B410789	METALS	DMETCLPTAL	CADMIUM	GW01981IT	11/12/91	4	2.0000	UG/L	U	V	5.0000
B410789	METALS	DMETCLPTAL	CALCIUM	GW01981IT	11/12/91	4	46900.0000	UG/L		V	5000.0000
B410789	METALS	DMETNOCLP	CESIUM	GW01981IT	11/12/91	4	51.0000	UG/L	U	V	1000.0000
B410789	METALS	DMETCLPTAL	CHROMIUM	GW01981IT	11/12/91	4	9.0000	UG/L	B	JA	10.0000
B410789	METALS	DMETCLPTAL	COBALT	GW01981IT	11/12/91	4	3.0000	UG/L	U	V	50.0000
B410789	METALS	DMETCLPTAL	COPPER	GW01981IT	11/12/91	4	4.0000	UG/L	B	JA	25.0000
B410789	METALS	DMETCLPTAL	IRON	GW01981IT	11/12/91	4	39.0000	UG/L	B	JA	100.0000
B410789	METALS	DMETCLPTAL	LEAD	GW01981IT	11/12/91	4	1.0000	UG/L	U	V	3.0000
B410789	METALS	DMETNOCLP	LITHIUM	GW01981IT	11/12/91	4	4.0000	UG/L	B	V	100.0000
B410789	METALS	DMETCLPTAL	MAGNESIUM	GW01981IT	11/12/91	4	9080.0000	UG/L		V	5000.0000
B410789	METALS	DMETCLPTAL	MANGANESE	GW01981IT	11/12/91	4	1.0000	UG/L	B	V	15.0000
B410789	METALS	DMETCLPTAL	MERCURY	GW01981IT	11/12/91	4	0.0000	UG/L	UN*	V	0.0000
B410789	METALS	DMETNOCLP	MOLYBDENUM	GW01981IT	11/12/91	4	5.0000	UG/L	B	V	200.0000
B410789	METALS	DMETCLPTAL	NICKEL	GW01981IT	11/12/91	4	17.0000	UG/L	U	V	40.0000
B410789	METALS	DMETCLPTAL	POTASSIUM	GW01981IT	11/12/91	4	814.0000	UG/L	B	V	5000.0000
B410789	METALS	DMETCLPTAL	SELENIUM	GW01981IT	11/12/91	4	2.0000	UG/L	U	V	5.0000
B410789	METALS	DMETCLPTAL	SILVER	GW01981IT	11/12/91	4	2.0000	UG/L	B	V	10.0000
B410789	METALS	DMETCLPTAL	SODIUM	GW01981IT	11/12/91	4	12000.0000	UG/L		V	5000.0000
B410789	METALS	DMETNOCLP	STRONTIUM	GW01981IT	11/12/91	4	254.0000	UG/L		V	200.0000
B410789	METALS	DMETCLPTAL	THALLIUM	GW01981IT	11/12/91	4	1.0000	UG/L	UW	JA	10.0000
B410789	METALS	DMETNOCLP	TIN	GW01981IT	11/12/91	4	25.0000	UG/L	B	V	200.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
West Spray Field - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B410789	METALS	DMETCLPTAL	VANADIUM	GW01981IT	11/12/91	4	4.0000	UG/L	B	V	50.0000
B410789	METALS	DMETCLPTAL	ZINC	GW01981IT	11/12/91	4	20.0000	UG/L	B	JA	20.0000
B410789	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	2-BUTANONE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	2-HEXANONE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	ACETONE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	BENZENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	BROMOFORM	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	BROMOMETHANE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	CHLOROBENZENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	CHLOROETHANE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	CHLOROFORM	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	CHLOROMETHANE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	ETHYLBENZENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	STYRENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	TOLUENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	VINYL ACETATE	GW01981IT	11/12/91	4	10.0000	UG/L	U	R	10.0000
B410789	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01981IT	11/12/91	4	10.0000	UG/L	U	V	10.0000
B410789	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01981IT	11/12/91	4	5.0000	UG/L	U	V	5.0000
B410789	WQHP	WQPL	CARBONATE	GW01981IT	11/12/91	4	1.0000	MG/L	U	V	1.0000
B410789	WQHP	WQPL	CHLORIDE	GW01981IT	11/12/91	4	21.0000	MG/L		V	0.2000
B410789	WQHP	WQPL	FLUORIDE	GW01981IT	11/12/91	4	0.4000	MG/L		V	0.1000
B410789	WQHP	WQPL	NITRATE/NITRITE	GW01981IT	11/12/91	4	3.7000	MG/L		V	0.0200
B410789	WQHP	WQPL	ORTHOPHOSPHATE	GW01981IT	11/12/91	4	0.0200	MG/L		JA	0.0100
B410789	WQHP	WQPL	SULFATE	GW01981IT	11/12/91	4	17.0000	MG/L		V	2.0000
B410789	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01981IT	11/12/91	4	230.0000	MG/L		V	10.0000
B410789	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01981IT	11/12/91	4	10.0000	MG/L		V	4.0000

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ANALYTE GROUP KEY

Analyte Group Abbreviation	Explanation
DMETN	Dissolved Metals
DMETC	Dissolved Metals
DRADS	Dissolved Radionuclides
RFIN	Inorganics
RFME	Total Metals
RFMS	Dissloved Metals
RFRA	Total Radionuclides
RFRS	Dissolved Radionuclides
RFVO	Volatile Organics
SMETC	Total Metals
SMETN	Total Metals
TRADS	Total Radionuclides
VOCCL	Volatile Organics - Chorinated
WQPL	Water Quality Parameters - Inorganic

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Present Landfill - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
0586	RADS	DRADS	TRITIUM	GW01903IT	10/15/91	4	119.8000	PCI/L	J		400.0000
0786	RADS	DRADS	TRITIUM	GW01948IT	10/22/91	4	151.4000	PCI/L	J		400.0000
1086	RADS	DRADS	ALPHA	GW01937IT	10/18/91	4	0.2244	PCI/L	J		2.0000
1086	RADS	DRADS	AM-241	GW01937IT	10/18/91	4	0.0033	PCI/L	J		0.0100
1086	RADS	DRADS	BETA	GW01937IT	10/18/91	4	1.3200	PCI/L	J		4.0000
1086	RADS	DRADS	CS-137DA	GW01937IT	10/18/91	4	-0.0749	PCI/L	J		1.0000
1086	RADS	DRADS	PU239/40	GW01937IT	10/18/91	4	0.0016	PCI/L	J		0.0100
1086	RADS	DRADS	TOTAL-SR	GW01937IT	10/18/91	4	0.2299	PCI/L	J		1.0000
1086	RADS	DRADS	TRITIUM	GW01937IT	10/18/91	4	174.7000	PCI/L	J		400.0000
1086	RADS	DRADS	U-234	GW01937IT	10/18/91	4	0.0913	PCI/L	J		0.6000
1086	RADS	DRADS	U-235	GW01937IT	10/18/91	4	0.0000	PCI/L	J		0.6000
1086	RADS	DRADS	U-238DA	GW01937IT	10/18/91	4	-0.0228	PCI/L	J		0.6000
5887	RADS	DRADS	ALPHA	GW01939IT	10/18/91	4	1.2570	PCI/L	J		2.0000
5887	RADS	DRADS	AM-241	GW01939IT	10/18/91	4	0.0068	PCI/L	J		0.0100
5887	RADS	DRADS	BETA	GW01939IT	10/18/91	4	2.1890	PCI/L	J		4.0000
5887	RADS	DRADS	CS-137DA	GW01939IT	10/18/91	4	0.4196	PCI/L	J		1.0000
5887	RADS	DRADS	PU239/40	GW01939IT	10/18/91	4	0.0017	PCI/L	J		0.0100
5887	RADS	DRADS	TOTAL-SR	GW01939IT	10/18/91	4	0.3014	PCI/L	J		1.0000
5887	RADS	DRADS	TRITIUM	GW01939IT	10/18/91	4	121.7000	PCI/L	J		400.0000
5887	RADS	DRADS	U-234	GW01939IT	10/18/91	4	0.1386	PCI/L	J		0.6000
5887	RADS	DRADS	U-235	GW01939IT	10/18/91	4	0.1349	PCI/L	J		0.6000
5887	RADS	DRADS	U-238DA	GW01939IT	10/18/91	4	0.1312	PCI/L	J		0.6000
6087	INORG	WQPL	BICARBONATE	GW01542IT	07/18/91	3	56.0000	MG/L		V	1.0000
6087	INORG	WQPL	SILICA	GW01542IT	07/18/91	3	11.0000	MG/L		V	0.4000
6087	METALS	DMETCLPTAL	ALUMINUM	GW01542IT	07/18/91	3	131.0000	UG/L	B	V	200.0000
6087	METALS	DMETCLPTAL	ALUMINUM	GW01542IT	07/18/91	3	64800.0000	UG/L	*	JA	200.0000
6087	METALS	DMETCLPTAL	ANTIMONY	GW01542IT	07/18/91	3	8.0000	UG/L	U	V	60.0000
6087	METALS	DMETCLPTAL	ANTIMONY	GW01542IT	07/18/91	3	61.0000	UG/L	N	JA	60.0000
6087	METALS	DMETCLPTAL	ARSENIC	GW01542IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
6087	METALS	DMETCLPTAL	ARSENIC	GW01542IT	07/18/91	3	3.0000	UG/L	BN	JA	10.0000
6087	METALS	DMETCLPTAL	BARIUM	GW01542IT	07/18/91	3	68.0000	UG/L	B	V	200.0000
6087	METALS	DMETCLPTAL	BARIUM	GW01542IT	07/18/91	3	422.0000	UG/L		V	200.0000
6087	METALS	DMETCLPTAL	BERYLLIUM	GW01542IT	07/18/91	3	1.0000	UG/L	U	V	5.0000
6087	METALS	DMETCLPTAL	BERYLLIUM	GW01542IT	07/18/91	3	4.0000	UG/L	B	V	5.0000
6087	METALS	DMETCLPTAL	CADMIUM	GW01542IT	07/18/91	3	1.0000	UG/L	U	V	5.0000
6087	METALS	DMETCLPTAL	CADMIUM	GW01542IT	07/18/91	3	5.0000	UG/L		V	5.0000
6087	METALS	DMETCLPTAL	CALCIUM	GW01542IT	07/18/91	3	25200.0000	UG/L		V	5000.0000
6087	METALS	DMETCLPTAL	CALCIUM	GW01542IT	07/18/91	3	41200.0000	UG/L		V	5000.0000
6087	METALS	DMETNOCLP	CESIUM	GW01542IT	07/18/91	3	32.0000	UG/L	U	V	1000.0000
6087	METALS	DMETNOCLP	CESIUM	GW01542IT	07/18/91	3	32.0000	UG/L	U	R	1000.0000
6087	METALS	DMETCLPTAL	CHROMIUM	GW01542IT	07/18/91	3	4.0000	UG/L	U	V	10.0000
6087	METALS	DMETCLPTAL	CHROMIUM	GW01542IT	07/18/91	3	84.0000	UG/L		V	10.0000
6087	METALS	DMETCLPTAL	COBALT	GW01542IT	07/18/91	3	2.0000	UG/L	U	V	50.0000
6087	METALS	DMETCLPTAL	COBALT	GW01542IT	07/18/91	3	17.0000	UG/L	B	V	50.0000
6087	METALS	DMETCLPTAL	COPPER	GW01542IT	07/18/91	3	5.0000	UG/L	B	JA	25.0000
6087	METALS	DMETCLPTAL	COPPER	GW01542IT	07/18/91	3	68.0000	UG/L		V	25.0000
6087	METALS	DMETCLPTAL	CYANIDE	GW01542IT	07/18/91	3	2.0000	UG/L	U	R	10.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
6087	METALS	DMETCLPTAL	IRON	GW01542IT	07/18/91	3	176.0000	UG/L	*	JA	100.0000
6087	METALS	DMETCLPTAL	IRON	GW01542IT	07/18/91	3	71000.0000	UG/L		V	100.0000
6087	METALS	DMETCLPTAL	LEAD	GW01542IT	07/18/91	3	1.0000	UG/L	U	V	3.0000
6087	METALS	DMETCLPTAL	LEAD	GW01542IT	07/18/91	3	22.0000	UG/L		V	3.0000
6087	METALS	DMETNOCLP	LITHIUM	GW01542IT	07/18/91	3	5.0000	UG/L	B	V	100.0000
6087	METALS	DMETNOCLP	LITHIUM	GW01542IT	07/18/91	3	36.0000	UG/L	B	V	100.0000
6087	METALS	DMETCLPTAL	MAGNESIUM	GW01542IT	07/18/91	3	4350.0000	UG/L	B	V	5000.0000
6087	METALS	DMETCLPTAL	MAGNESIUM	GW01542IT	07/18/91	3	16400.0000	UG/L		V	5000.0000
6087	METALS	DMETCLPTAL	MANGANESE	GW01542IT	07/18/91	3	9.0000	UG/L	B	V	15.0000
6087	METALS	DMETCLPTAL	MANGANESE	GW01542IT	07/18/91	3	382.0000	UG/L		V	15.0000
6087	METALS	DMETCLPTAL	MERCURY	GW01542IT	07/18/91	3	0.0000	UG/L	U	V	0.0000
6087	METALS	DMETCLPTAL	MERCURY	GW01542IT	07/18/91	3	0.0000	UG/L		V	0.0000
6087	METALS	DMETNOCLP	MOLYBDENUM	GW01542IT	07/18/91	3	3.0000	UG/L	U	V	200.0000
6087	METALS	DMETNOCLP	MOLYBDENUM	GW01542IT	07/18/91	3	12.0000	UG/L	B	V	200.0000
6087	METALS	DMETCLPTAL	NICKEL	GW01542IT	07/18/91	3	3.0000	UG/L	U	V	40.0000
6087	METALS	DMETCLPTAL	NICKEL	GW01542IT	07/18/91	3	62.0000	UG/L		V	40.0000
6087	METALS	DMETCLPTAL	POTASSIUM	GW01542IT	07/18/91	3	587.0000	UG/L	B	V	5000.0000
6087	METALS	DMETCLPTAL	POTASSIUM	GW01542IT	07/18/91	3	7310.0000	UG/L	E	JA	5000.0000
6087	METALS	DMETCLPTAL	SELENIUM	GW01542IT	07/18/91	3	2.0000	UG/L	UW	V	5.0000
6087	METALS	DMETCLPTAL	SELENIUM	GW01542IT	07/18/91	3	1.0000	UG/L	U	V	5.0000
6087	METALS	DMETCLPTAL	SILVER	GW01542IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
6087	METALS	DMETCLPTAL	SILVER	GW01542IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
6087	METALS	DMETCLPTAL	SODIUM	GW01542IT	07/18/91	3	11200.0000	UG/L		V	5000.0000
6087	METALS	DMETCLPTAL	SODIUM	GW01542IT	07/18/91	3	11500.0000	UG/L		V	5000.0000
6087	METALS	DMETNOCLP	STRONTIUM	GW01542IT	07/18/91	3	105.0000	UG/L	B	V	200.0000
6087	METALS	DMETNOCLP	STRONTIUM	GW01542IT	07/18/91	3	205.0000	UG/L		V	200.0000
6087	METALS	DMETCLPTAL	THALLIUM	GW01542IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
6087	METALS	DMETCLPTAL	THALLIUM	GW01542IT	07/18/91	3	2.0000	UG/L	U	V	10.0000
6087	METALS	DMETNOCLP	TIN	GW01542IT	07/18/91	3	14.0000	UG/L	U	V	200.0000
6087	METALS	DMETNOCLP	TIN	GW01542IT	07/18/91	3	89.0000	UG/L	B	V	200.0000
6087	METALS	DMETCLPTAL	VANADIUM	GW01542IT	07/18/91	3	2.0000	UG/L	U		50.0000
6087	METALS	DMETCLPTAL	VANADIUM	GW01542IT	07/18/91	3	133.0000	UG/L		V	50.0000
6087	METALS	DMETCLPTAL	ZINC	GW01542IT	07/18/91	3	12.0000	UG/L	B	JA	20.0000
6087	METALS	DMETCLPTAL	ZINC	GW01542IT	07/18/91	3	181.0000	UG/L	E	JA	20.0000
6087	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	2-BUTANONE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	2-HEXANONE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	ACETONE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	BENZENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
6087	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	BROMOFORM	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	BROMOMETHANE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	CHLOROBENZENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	CHLOROETHANE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	CHLOROFORM	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	CHLOROMETHANE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	ETHYLBENZENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	STYRENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	TOLUENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01542IT	07/18/91	3	5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	VINYL ACETATE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01542IT	07/18/91	3	10.0000	UG/L	U		10.0000
6087	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01542IT	07/18/91	3	7.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01542IT	07/18/91	3	-5.0000	UG/L	U		5.0000
6087	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01542IT	07/18/91	3	-6.0000	UG/L	U		5.0000
6087	WQHP	WQPL	CARBONATE	GW01542IT	07/18/91	3	1.0000	MG/L	U	V	1.0000
6087	WQHP	WQPL	CHLORIDE	GW01542IT	07/18/91	3	3.3000	MG/L		V	0.2000
6087	WQHP	WQPL	FLUORIDE	GW01542IT	07/18/91	3	0.1000	MG/L		JA	0.1000
6087	WQHP	WQPL	NITRATE/NITRITE	GW01542IT	07/18/91	3	6.2000	MG/L		V	0.0200
6087	WQHP	WQPL	ORTHOPHOSPHATE	GW01542IT	07/18/91	3	0.0100	MG/L		JA	0.0100
6087	WQHP	WQPL	SULFATE	GW01542IT	07/18/91	3	26.0000	MG/L		V	2.0000
6087	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01542IT	07/18/91	3	240.0000	MG/L		V	10.0000
6087	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01542IT	07/18/91	3	830.0000	MG/L		V	4.0000
6187	RADS	DRADS	ALPHA	GW01914IT	10/16/91	4	0.8057	PCI/L	J		2.0000
6187	RADS	DRADS	AM-241	GW01914IT	10/16/91	4	0.0050	PCI/L	J		0.0100
6187	RADS	DRADS	BETA	GW01914IT	10/16/91	4	2.4310	PCI/L	J		4.0000
6187	RADS	DRADS	CS-137DA	GW01914IT	10/16/91	4	-0.2900	PCI/L	J		1.0000
6187	RADS	DRADS	PU239/40	GW01914IT	10/16/91	4	-0.0013	PCI/L	J		0.0100
6187	RADS	DRADS	TOTAL-SR	GW01914IT	10/16/91	4	0.5904	PCI/L	J		1.0000
6187	RADS	DRADS	TRITIUM	GW01914IT	10/16/91	4	86.9800	PCI/L	J		400.0000
6187	RADS	DRADS	U-234	GW01914IT	10/16/91	4	0.0520	PCI/L	J		0.6000
6187	RADS	DRADS	U-235	GW01914IT	10/16/91	4	0.0520	PCI/L	J		0.6000
6187	RADS	DRADS	U-238DA	GW01914IT	10/16/91	4	-0.0520	PCI/L	J		0.6000
6287	RADS	DRADS	ALPHA	GW01955IT	10/24/91	4	0.3442	PCI/L	J		2.0000
6287	RADS	DRADS	AM-241	GW01955IT	10/24/91	4	0.0014	PCI/L	J		0.0100
6287	RADS	DRADS	BETA	GW01955IT	10/24/91	4	1.7630	PCI/L	J		4.0000
6287	RADS	DRADS	CS-137DA	GW01955IT	10/24/91	4	-0.0665	PCI/L	J		1.0000
6287	RADS	DRADS	PU239/40	GW01955IT	10/24/91	4	0.0019	PCI/L	J		0.0100
6287	RADS	DRADS	TOTAL-SR	GW01955IT	10/24/91	4	0.5049	PCI/L	J		1.0000
6287	RADS	DRADS	TRITIUM	GW01955IT	10/24/91	4	-6.7600	PCI/L	J		400.0000
6287	RADS	DRADS	U-234	GW01955IT	10/24/91	4	0.1448	PCI/L	J		0.6000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
6287	RADS	DRADS	U-235	GW01955IT	10/24/91	4	-0.0103	PCI/L	J		0.6000
6287	RADS	DRADS	U-238DA	GW01955IT	10/24/91	4	0.2378	PCI/L	J		0.6000
6387	RADS	DRADS	ALPHA	GW01956IT	11/11/91	4	5.3320	PCI/L			2.0000
6387	RADS	DRADS	AM-241	GW01956IT	11/11/91	4	0.0540	PCI/L			0.0100
6387	RADS	DRADS	BETA	GW01956IT	11/11/91	4	6.0630	PCI/L			4.0000
6387	RADS	DRADS	CS-137DA	GW01956IT	11/11/91	4	0.0221	PCI/L	J		1.0000
6387	RADS	DRADS	PU239/40	GW01956IT	11/11/91	4	0.2429	PCI/L			0.0100
6387	RADS	DRADS	RA-226DA	GW01956IT	11/11/91	4	0.6256	PCI/L			0.5000
6387	RADS	DRADS	TOTAL-SR	GW01956IT	11/11/91	4	0.1138	PCI/L	J		1.0000
6387	RADS	DRADS	TRITIUM	GW01956IT	11/11/91	4	1567.0000	PCI/L			400.0000
6387	RADS	DRADS	U-234	GW01956IT	11/11/91	4	1.0890	PCI/L			0.6000
6387	RADS	DRADS	U-235	GW01956IT	11/11/91	4	-0.0052	PCI/L	J		0.6000
6387	RADS	DRADS	U-238DA	GW01956IT	11/11/91	4	0.9602	PCI/L			0.6000
6487	RADS	DRADS	ALPHA	GW01942IT	10/22/91	4	2.0710	PCI/L			2.0000
6487	RADS	DRADS	AM-241	GW01942IT	10/22/91	4	0.0129	PCI/L			0.0100
6487	RADS	DRADS	BETA	GW01942IT	10/22/91	4	1.9690	PCI/L	J		4.0000
6487	RADS	DRADS	PU239/40	GW01942IT	10/22/91	4	0.0389	PCI/L			0.0100
6487	RADS	DRADS	U-234	GW01942IT	10/22/91	4	0.7022	PCI/L			0.6000
6487	RADS	DRADS	U-235	GW01942IT	10/22/91	4	0.0906	PCI/L	J		0.6000
6487	RADS	DRADS	U-238DA	GW01942IT	10/22/91	4	0.3171	PCI/L	J		0.6000
6587	RADS	DRADS	ALPHA	GW01943IT	10/24/91	4	1.0640	PCI/L	J		2.0000
6587	RADS	DRADS	AM-241	GW01943IT	10/24/91	4	0.0051	PCI/L	J		0.0100
6587	RADS	DRADS	BETA	GW01943IT	10/24/91	4	1.1350	PCI/L	J		4.0000
6587	RADS	DRADS	CS-137DA	GW01943IT	10/24/91	4	-0.1870	PCI/L	J		1.0000
6587	RADS	DRADS	PU239/40	GW01943IT	10/24/91	4	0.0029	PCI/L	J		0.0100
6587	RADS	DRADS	TOTAL-SR	GW01943IT	10/24/91	4	0.1752	PCI/L	J		1.0000
6587	RADS	DRADS	TRITIUM	GW01943IT	10/24/91	4	7.7210	PCI/L	J		400.0000
6587	RADS	DRADS	U-234	GW01943IT	10/24/91	4	0.2848	PCI/L	J		0.6000
6587	RADS	DRADS	U-235	GW01943IT	10/24/91	4	0.0509	PCI/L	J		0.6000
6587	RADS	DRADS	U-238DA	GW01943IT	10/24/91	4	0.1831	PCI/L	J		0.6000
6687	RADS	DRADS	ALPHA	GW01950IT	10/24/91	4	2.0810	PCI/L			2.0000
6687	RADS	DRADS	AM-241	GW01950IT	10/24/91	4	0.0034	PCI/L	J		0.0100
6687	RADS	DRADS	BETA	GW01950IT	10/24/91	4	1.9440	PCI/L	J		4.0000
6687	RADS	DRADS	CS-137DA	GW01950IT	10/24/91	4	0.2882	PCI/L	J		1.0000
6687	RADS	DRADS	PU239/40	GW01950IT	10/24/91	4	0.0005	PCI/L	J		0.0100
6687	RADS	DRADS	TOTAL-SR	GW01950IT	10/24/91	4	0.3236	PCI/L	J		1.0000
6687	RADS	DRADS	TRITIUM	GW01950IT	10/24/91	4	90.0500	PCI/L	J		400.0000
6687	RADS	DRADS	U-234	GW01950IT	10/24/91	4	0.3285	PCI/L	J		0.6000
6687	RADS	DRADS	U-235	GW01950IT	10/24/91	4	-0.0117	PCI/L	J		0.6000
6687	RADS	DRADS	U-238DA	GW01950IT	10/24/91	4	-0.0235	PCI/L	J		0.6000
6787	RADS	DRADS	ALPHA	GW01946IT	10/22/91	4	1.5470	PCI/L	J		2.0000
6787	RADS	DRADS	AM-241	GW01946IT	10/22/91	4	0.0044	PCI/L	J		0.0100
6787	RADS	DRADS	BETA	GW01946IT	10/22/91	4	2.1040	PCI/L	J		4.0000
6787	RADS	DRADS	CS-137DA	GW01946IT	10/22/91	4	-0.2390	PCI/L	J		1.0000
6787	RADS	DRADS	PU239/40	GW01946IT	10/22/91	4	0.0007	PCI/L	J		0.0100
6787	RADS	DRADS	TOTAL-SR	GW01946IT	10/22/91	4	-0.0681	PCI/L	J		1.0000
6787	RADS	DRADS	TRITIUM	GW01946IT	10/22/91	4	51.0800	PCI/L	J		400.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
6787	RADS	DRADS	U-234	GW01946IT	10/22/91	4	-0.0110	PCI/L	J		0.6000
6787	RADS	DRADS	U-235	GW01946IT	10/22/91	4	-0.0220	PCI/L	J		0.6000
6787	RADS	DRADS	U-238DA	GW01946IT	10/22/91	4	0.1538	PCI/L	J		0.6000
6887	RADS	DRADS	ALPHA	GW01884IT	10/18/91	4	0.6103	PCI/L	J		2.0000
6887	RADS	DRADS	AM-241	GW01884IT	10/18/91	4	0.0064	PCI/L	J		0.0100
6887	RADS	DRADS	BETA	GW01884IT	10/18/91	4	0.9425	PCI/L	J		4.0000
6887	RADS	DRADS	CS-137DA	GW01884IT	10/18/91	4	0.0556	PCI/L	J		1.0000
6887	RADS	DRADS	PU239/40	GW01884IT	10/18/91	4	0.0019	PCI/L	J		0.0100
6887	RADS	DRADS	TOTAL-SR	GW01884IT	10/18/91	4	0.0175	PCI/L	J		1.0000
6887	RADS	DRADS	TRITIUM	GW01884IT	10/18/91	4	253.1000	PCI/L	J		400.0000
6887	RADS	DRADS	U-234	GW01884IT	10/18/91	4	0.1419	PCI/L	J		0.6000
6887	RADS	DRADS	U-235	GW01884IT	10/18/91	4	0.0405	PCI/L	J		0.6000
6887	RADS	DRADS	U-238DA	GW01884IT	10/18/91	4	0.0304	PCI/L	J		0.6000
7087	INORG	WQPL	BICARBONATE	GW01540IT	07/19/91	3	260.0000	MG/L		V	1.0000
7087	INORG	WQPL	SILICA	GW01540IT	07/19/91	3	6.5000	MG/L		V	0.4000
7087	METALS	DMETCLPTAL	ALUMINUM	GW01540IT	07/19/91	3	49.0000	UG/L	B	V	200.0000
7087	METALS	DMETCLPTAL	ALUMINUM	GW01540IT	07/19/91	3	12200.0000	UG/L	*	JA	200.0000
7087	METALS	DMETCLPTAL	ANTIMONY	GW01540IT	07/19/91	3	25.0000	UG/L	B	V	60.0000
7087	METALS	DMETCLPTAL	ANTIMONY	GW01540IT	07/19/91	3	29.0000	UG/L	BN	JA	60.0000
7087	METALS	DMETCLPTAL	ARSENIC	GW01540IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
7087	METALS	DMETCLPTAL	ARSENIC	GW01540IT	07/19/91	3	2.0000	UG/L	UN	JA	10.0000
7087	METALS	DMETCLPTAL	BARIUM	GW01540IT	07/19/91	3	76.0000	UG/L	B	V	200.0000
7087	METALS	DMETCLPTAL	BARIUM	GW01540IT	07/19/91	3	168.0000	UG/L	B	V	200.0000
7087	METALS	DMETCLPTAL	BERYLLIUM	GW01540IT	07/19/91	3	1.0000	UG/L	U	V	5.0000
7087	METALS	DMETCLPTAL	BERYLLIUM	GW01540IT	07/19/91	3	1.0000	UG/L	U	V	5.0000
7087	METALS	DMETCLPTAL	CADMIUM	GW01540IT	07/19/91	3	1.0000	UG/L	U	V	5.0000
7087	METALS	DMETCLPTAL	CADMIUM	GW01540IT	07/19/91	3	1.0000	UG/L	B	V	5.0000
7087	METALS	DMETCLPTAL	CALCIUM	GW01540IT	07/19/91	3	78300.0000	UG/L		V	5000.0000
7087	METALS	DMETCLPTAL	CALCIUM	GW01540IT	07/19/91	3	82700.0000	UG/L		V	5000.0000
7087	METALS	DMETNOCLP	CESIUM	GW01540IT	07/19/91	3	50.0000	UG/L	B	JA	1000.0000
7087	METALS	DMETNOCLP	CESIUM	GW01540IT	07/19/91	3	60.0000	UG/L	B	JA	1000.0000
7087	METALS	DMETCLPTAL	CHROMIUM	GW01540IT	07/19/91	3	7.0000	UG/L	B	JA	10.0000
7087	METALS	DMETCLPTAL	CHROMIUM	GW01540IT	07/19/91	3	41.0000	UG/L		V	10.0000
7087	METALS	DMETCLPTAL	COBALT	GW01540IT	07/19/91	3	2.0000	UG/L	U	V	50.0000
7087	METALS	DMETCLPTAL	COBALT	GW01540IT	07/19/91	3	4.0000	UG/L	B	V	50.0000
7087	METALS	DMETCLPTAL	COPPER	GW01540IT	07/19/91	3	30.0000	UG/L		JA	25.0000
7087	METALS	DMETCLPTAL	COPPER	GW01540IT	07/19/91	3	361.0000	UG/L		V	25.0000
7087	METALS	DMETCLPTAL	CYANIDE	GW01540IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
7087	METALS	DMETCLPTAL	IRON	GW01540IT	07/19/91	3	72.0000	UG/L	B*	JA	100.0000
7087	METALS	DMETCLPTAL	IRON	GW01540IT	07/19/91	3	9710.0000	UG/L		V	100.0000
7087	METALS	DMETCLPTAL	LEAD	GW01540IT	07/19/91	3	1.0000	UG/L	U	V	3.0000
7087	METALS	DMETCLPTAL	LEAD	GW01540IT	07/19/91	3	7.0000	UG/L		V	3.0000
7087	METALS	DMETNOCLP	LITHIUM	GW01540IT	07/19/91	3	28.0000	UG/L	B	V	100.0000
7087	METALS	DMETNOCLP	LITHIUM	GW01540IT	07/19/91	3	29.0000	UG/L	B	V	100.0000
7087	METALS	DMETCLPTAL	MAGNESIUM	GW01540IT	07/19/91	3	21900.0000	UG/L		V	5000.0000
7087	METALS	DMETCLPTAL	MAGNESIUM	GW01540IT	07/19/91	3	23600.0000	UG/L		V	5000.0000
7087	METALS	DMETCLPTAL	MANGANESE	GW01540IT	07/19/91	3	5.0000	UG/L	B	V	15.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
7087	METALS	DMETCLPTAL	MANGANESE	GW01540IT	07/19/91	3	101.0000	UG/L		V	15.0000
7087	METALS	DMETCLPTAL	MERCURY	GW01540IT	07/19/91	3	0.0000	UG/L	U	V	0.0000
7087	METALS	DMETCLPTAL	MERCURY	GW01540IT	07/19/91	3	0.0000	UG/L	U	V	0.0000
7087	METALS	DMETNOCLP	MOLYBDENUM	GW01540IT	07/19/91	3	30.0000	UG/L	B	V	200.0000
7087	METALS	DMETNOCLP	MOLYBDENUM	GW01540IT	07/19/91	3	26.0000	UG/L	B	V	200.0000
7087	METALS	DMETCLPTAL	NICKEL	GW01540IT	07/19/91	3	31.0000	UG/L	B	V	40.0000
7087	METALS	DMETCLPTAL	NICKEL	GW01540IT	07/19/91	3	59.0000	UG/L		V	40.0000
7087	METALS	DMETCLPTAL	POTASSIUM	GW01540IT	07/19/91	3	1700.0000	UG/L	B	V	5000.0000
7087	METALS	DMETCLPTAL	POTASSIUM	GW01540IT	07/19/91	3	3210.0000	UG/L	BE	JA	5000.0000
7087	METALS	DMETCLPTAL	SELENIUM	GW01540IT	07/19/91	3	24.0000	UG/L	S	V	5.0000
7087	METALS	DMETCLPTAL	SELENIUM	GW01540IT	07/19/91	3	21.0000	UG/L		V	5.0000
7087	METALS	DMETCLPTAL	SILVER	GW01540IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
7087	METALS	DMETCLPTAL	SILVER	GW01540IT	07/19/91	3	313.0000	UG/L		V	10.0000
7087	METALS	DMETCLPTAL	SODIUM	GW01540IT	07/19/91	3	63400.0000	UG/L		V	5000.0000
7087	METALS	DMETCLPTAL	SODIUM	GW01540IT	07/19/91	3	60900.0000	UG/L		V	5000.0000
7087	METALS	DMETNOCLP	STRONTIUM	GW01540IT	07/19/91	3	631.0000	UG/L		V	200.0000
7087	METALS	DMETNOCLP	STRONTIUM	GW01540IT	07/19/91	3	659.0000	UG/L		V	200.0000
7087	METALS	DMETCLPTAL	THALLIUM	GW01540IT	07/19/91	3	2.0000	UG/L	UW	JA	10.0000
7087	METALS	DMETCLPTAL	THALLIUM	GW01540IT	07/19/91	3	2.0000	UG/L	U	V	10.0000
7087	METALS	DMETNOCLP	TIN	GW01540IT	07/19/91	3	14.0000	UG/L	U	V	200.0000
7087	METALS	DMETNOCLP	TIN	GW01540IT	07/19/91	3	51.0000	UG/L	B	V	200.0000
7087	METALS	DMETCLPTAL	VANADIUM	GW01540IT	07/19/91	3	2.0000	UG/L	B	V	50.0000
7087	METALS	DMETCLPTAL	VANADIUM	GW01540IT	07/19/91	3	28.0000	UG/L	B	V	50.0000
7087	METALS	DMETCLPTAL	ZINC	GW01540IT	07/19/91	3	10.0000	UG/L	B	JA	20.0000
7087	METALS	DMETCLPTAL	ZINC	GW01540IT	07/19/91	3	374.0000	UG/L	E	JA	20.0000
7087	RADS	DRADS	U-234	GW01540IT	07/19/91	3	11.0000	PCI/L		A	0.3070
7087	RADS	DRADS	U-235	GW01540IT	07/19/91	3	0.1998	PCI/L	J	A	0.0000
7087	RADS	DRADS	U-238DA	GW01540IT	07/19/91	3	7.8060	PCI/L		A	0.0000
7087	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	2-BUTANONE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	2-HEXANONE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	ACETONE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	BENZENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	BROMOFORM	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	BROMOMETHANE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	CHLOROBENZENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
7087	VOC	VOCCLPTCL	CHLOROETHANE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	CHLOROFORM	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	CHLOROMETHANE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	ETHYLBENZENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	STYRENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	TOLUENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01540IT	07/19/91	3	5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	VINYL ACETATE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01540IT	07/19/91	3	10.0000	UG/L	U		10.0000
7087	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01540IT	07/19/91	3	7.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01540IT	07/19/91	3	-5.0000	UG/L	U		5.0000
7087	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01540IT	07/19/91	3	-6.0000	UG/L	U		5.0000
7087	WQHP	WQPL	CARBONATE	GW01540IT	07/19/91	3	4.0000	MG/L		V	1.0000
7087	WQHP	WQPL	CHLORIDE	GW01540IT	07/19/91	3	48.0000	MG/L		V	0.2000
7087	WQHP	WQPL	FLUORIDE	GW01540IT	07/19/91	3	1.8000	MG/L		JA	0.1000
7087	WQHP	WQPL	NITRATE/NITRITE	GW01540IT	07/19/91	3	4.5000	MG/L		V	0.0200
7087	WQHP	WQPL	ORTHOPHOSPHATE	GW01540IT	07/19/91	3	0.0200	MG/L		V	0.0100
7087	WQHP	WQPL	SULFATE	GW01540IT	07/19/91	3	160.0000	MG/L		JA	2.0000
7087	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01540IT	07/19/91	3	500.0000	MG/L		V	10.0000
7087	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01540IT	07/19/91	3	600.0000	MG/L		V	4.0000
7187	INORG	WQPL	BICARBONATE	GW01541IT	07/17/91	3	200.0000	MG/L		V	1.0000
7187	INORG	WQPL	SILICA	GW01541IT	07/17/91	3	8.4000	MG/L		V	0.4000
7187	METALS	DMETCLPTAL	ALUMINUM	GW01541IT	07/17/91	3	34.0000	UG/L	B	V	200.0000
7187	METALS	DMETCLPTAL	ALUMINUM	GW01541IT	07/17/91	3	5190.0000	UG/L	*	JA	200.0000
7187	METALS	DMETCLPTAL	ANTIMONY	GW01541IT	07/17/91	3	19.0000	UG/L	B	V	60.0000
7187	METALS	DMETCLPTAL	ANTIMONY	GW01541IT	07/17/91	3	24.0000	UG/L	BN	JA	60.0000
7187	METALS	DMETCLPTAL	ARSENIC	GW01541IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
7187	METALS	DMETCLPTAL	ARSENIC	GW01541IT	07/17/91	3	2.0000	UG/L	UN	JA	10.0000
7187	METALS	DMETCLPTAL	BARIUM	GW01541IT	07/17/91	3	123.0000	UG/L	B	V	200.0000
7187	METALS	DMETCLPTAL	BARIUM	GW01541IT	07/17/91	3	184.0000	UG/L	B	V	200.0000
7187	METALS	DMETCLPTAL	BERYLLIUM	GW01541IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
7187	METALS	DMETCLPTAL	BERYLLIUM	GW01541IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
7187	METALS	DMETCLPTAL	CADMIUM	GW01541IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
7187	METALS	DMETCLPTAL	CADMIUM	GW01541IT	07/17/91	3	1.0000	UG/L	B	V	5.0000
7187	METALS	DMETCLPTAL	CALCIUM	GW01541IT	07/17/91	3	73600.0000	UG/L		V	5000.0000
7187	METALS	DMETCLPTAL	CALCIUM	GW01541IT	07/17/91	3	75900.0000	UG/L		V	5000.0000
7187	METALS	DMETNOCLP	CESIUM	GW01541IT	07/17/91	3	32.0000	UG/L	U	V	1000.0000
7187	METALS	DMETNOCLP	CESIUM	GW01541IT	07/17/91	3	32.0000	UG/L	U	V	1000.0000
7187	METALS	DMETCLPTAL	CHROMIUM	GW01541IT	07/17/91	3	7.0000	UG/L	B	JA	10.0000
7187	METALS	DMETCLPTAL	CHROMIUM	GW01541IT	07/17/91	3	21.0000	UG/L		JA	10.0000
7187	METALS	DMETCLPTAL	COBALT	GW01541IT	07/17/91	3	2.0000	UG/L	U	V	50.0000
7187	METALS	DMETCLPTAL	COBALT	GW01541IT	07/17/91	3	3.0000	UG/L	B	V	50.0000
7187	METALS	DMETCLPTAL	COPPER	GW01541IT	07/17/91	3	6.0000	UG/L	B	JA	25.0000
7187	METALS	DMETCLPTAL	COPPER	GW01541IT	07/17/91	3	12.0000	UG/L	B	V	25.0000

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Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
7187	METALS	DMETCLPTAL	CYANIDE	GW01541IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
7187	METALS	DMETCLPTAL	IRON	GW01541IT	07/17/91	3	6.0000	UG/L	B*	JA	100.0000
7187	METALS	DMETCLPTAL	IRON	GW01541IT	07/17/91	3	7140.0000	UG/L		V	100.0000
7187	METALS	DMETCLPTAL	LEAD	GW01541IT	07/17/91	3	1.0000	UG/L	U	V	3.0000
7187	METALS	DMETCLPTAL	LEAD	GW01541IT	07/17/91	3	4.0000	UG/L		V	3.0000
7187	METALS	DMETNOCLP	LITHIUM	GW01541IT	07/17/91	3	4.0000	UG/L	B	V	100.0000
7187	METALS	DMETNOCLP	LITHIUM	GW01541IT	07/17/91	3	7.0000	UG/L	B	V	100.0000
7187	METALS	DMETCLPTAL	MAGNESIUM	GW01541IT	07/17/91	3	8490.0000	UG/L		V	5000.0000
7187	METALS	DMETCLPTAL	MAGNESIUM	GW01541IT	07/17/91	3	9170.0000	UG/L		V	5000.0000
7187	METALS	DMETCLPTAL	MANGANESE	GW01541IT	07/17/91	3	1.0000	UG/L	U	V	15.0000
7187	METALS	DMETCLPTAL	MANGANESE	GW01541IT	07/17/91	3	105.0000	UG/L		V	15.0000
7187	METALS	DMETCLPTAL	MERCURY	GW01541IT	07/17/91	3	0.0000	UG/L	U	V	0.0000
7187	METALS	DMETCLPTAL	MERCURY	GW01541IT	07/17/91	3	0.0000	UG/L	U	V	0.0000
7187	METALS	DMETNOCLP	MOLYBDENUM	GW01541IT	07/17/91	3	3.0000	UG/L	U	V	200.0000
7187	METALS	DMETNOCLP	MOLYBDENUM	GW01541IT	07/17/91	3	4.0000	UG/L	B	V	200.0000
7187	METALS	DMETCLPTAL	NICKEL	GW01541IT	07/17/91	3	3.0000	UG/L	U	V	40.0000
7187	METALS	DMETCLPTAL	NICKEL	GW01541IT	07/17/91	3	16.0000	UG/L	B	V	40.0000
7187	METALS	DMETCLPTAL	POTASSIUM	GW01541IT	07/17/91	3	310.0000	UG/L	B	V	5000.0000
7187	METALS	DMETCLPTAL	POTASSIUM	GW01541IT	07/17/91	3	1350.0000	UG/L	BE	JA	5000.0000
7187	METALS	DMETCLPTAL	SELENIUM	GW01541IT	07/17/91	3	2.0000	UG/L	UW	V	5.0000
7187	METALS	DMETCLPTAL	SELENIUM	GW01541IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
7187	METALS	DMETCLPTAL	SILVER	GW01541IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
7187	METALS	DMETCLPTAL	SILVER	GW01541IT	07/17/91	3	2.0000	UG/L	B	JA	10.0000
7187	METALS	DMETCLPTAL	SODIUM	GW01541IT	07/17/91	3	8900.0000	UG/L		V	5000.0000
7187	METALS	DMETCLPTAL	SODIUM	GW01541IT	07/17/91	3	9060.0000	UG/L		V	5000.0000
7187	METALS	DMETNOCLP	STRONTIUM	GW01541IT	07/17/91	3	361.0000	UG/L		V	200.0000
7187	METALS	DMETNOCLP	STRONTIUM	GW01541IT	07/17/91	3	355.0000	UG/L		V	200.0000
7187	METALS	DMETCLPTAL	THALLIUM	GW01541IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
7187	METALS	DMETCLPTAL	THALLIUM	GW01541IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
7187	METALS	DMETNOCLP	TIN	GW01541IT	07/17/91	3	14.0000	UG/L	U	V	200.0000
7187	METALS	DMETNOCLP	TIN	GW01541IT	07/17/91	3	20.0000	UG/L	B	V	200.0000
7187	METALS	DMETCLPTAL	VANADIUM	GW01541IT	07/17/91	3	3.0000	UG/L	B	V	50.0000
7187	METALS	DMETCLPTAL	VANADIUM	GW01541IT	07/17/91	3	22.0000	UG/L	B	V	50.0000
7187	METALS	DMETCLPTAL	ZINC	GW01541IT	07/17/91	3	3.0000	UG/L	B	JA	20.0000
7187	METALS	DMETCLPTAL	ZINC	GW01541IT	07/17/91	3	44.0000	UG/L	E	JA	20.0000
7187	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	2-BUTANONE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	2-HEXANONE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	ACETONE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Present Landfill - Surficial Materials

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
7187	VOC	VOCCLPTCL	BENZENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	BROMOFORM	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	BROMOMETHANE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	CHLOROBENZENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	CHLOROETHANE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	CHLOROFORM	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	CHLOROMETHANE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	ETHYLBENZENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	STYRENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	TOLUENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01541IT	07/17/91	3	5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	VINYL ACETATE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01541IT	07/17/91	3	10.0000	UG/L	U		10.0000
7187	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01541IT	07/17/91	3	7.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01541IT	07/17/91	3	-5.0000	UG/L	U		5.0000
7187	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01541IT	07/17/91	3	-6.0000	UG/L	U		5.0000
7187	WQHP	WQPL	CARBONATE	GW01541IT	07/17/91	3	2.0000	MG/L		V	1.0000
7187	WQHP	WQPL	CHLORIDE	GW01541IT	07/17/91	3	2.2000	MG/L		V	0.2000
7187	WQHP	WQPL	FLUORIDE	GW01541IT	07/17/91	3	0.6000	MG/L		JA	0.1000
7187	WQHP	WQPL	NITRATE/NITRITE	GW01541IT	07/17/91	3	1.7000	MG/L		V	0.0200
7187	WQHP	WQPL	ORTHOPHOSPHATE	GW01541IT	07/17/91	3	0.0100	MG/L	U	V	0.0100
7187	WQHP	WQPL	SULFATE	GW01541IT	07/17/91	3	29.0000	MG/L		V	2.0000
7187	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW01541IT	07/17/91	3	300.0000	MG/L		V	10.0000
7187	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW01541IT	07/17/91	3	53.0000	MG/L		V	4.0000
7287	RADS	DRADS	TRITIUM	GW01958IT	10/25/91	4	130.0000	PCI/L	J		400.0000
B206489	INORG	WQPL	BICARBONATE	GW00956IT	03/12/91	1	198.0000	MG/L		V	10.0000
B206489	WQHP	WQPL	CARBONATE	GW00956IT	03/12/91	1	10.0000	MG/L	U	V	10.0000
B206489	WQHP	WQPL	FLUORIDE	GW00956IT	03/12/91	1	1.6000	MG/L		V	0.1000
B206489	WQHP	WQPL	SULFATE	GW00956IT	03/12/91	1	64.0000	MG/L		V	20.0000

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ANALYTE GROUP KEY

Analyte Group Abbreviation	Explanation
DMETN	Dissolved Metals
DMETC	Dissolved Metals
DRADS	Dissolved Radionuclides
RFIN	Inorganics
RFME	Total Metals
RFMS	Dissloved Metals
RFRA	Total Radionuclides
RFRS	Dissolved Radionuclides
RFVO	Volatile Organics
SMETC	Total Metals
SMETN	Total Metals
TRADS	Total Radionuclides
VOCCL	Volatile Organics - Chorinated
WQPL	Water Quality Parameters - Inorganic

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Present Landfill - Weathered Bedrock

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B206189	RADS	DRADS	ALPHA	GW01944IT	10/22/91	4	13.0000	PCI/L			2.0000
B206189	RADS	DRADS	AM-241	GW01944IT	10/22/91	4	0.0059	PCI/L	J		0.0100
B206189	RADS	DRADS	BETA	GW01944IT	10/22/91	4	10.3400	PCI/L			4.0000
B206189	RADS	DRADS	CS-137DA	GW01944IT	10/22/91	4	0.0000	PCI/L	J		1.0000
B206189	RADS	DRADS	PU239/40	GW01944IT	10/22/91	4	0.0016	PCI/L	J		0.0100
B206189	RADS	DRADS	TOTAL-SR	GW01944IT	10/22/91	4	0.5841	PCI/L	J		1.0000
B206189	RADS	DRADS	TRITIUM	GW01944IT	10/22/91	4	139.0000	PCI/L	J		400.0000
B206189	RADS	DRADS	U-234	GW01944IT	10/22/91	4	19.4900	PCI/L			0.6000
B206189	RADS	DRADS	U-235	GW01944IT	10/22/91	4	0.7138	PCI/L			0.6000
B206189	RADS	DRADS	U-238DA	GW01944IT	10/22/91	4	8.6840	PCI/L			0.6000
B206289	INORG	WQPL	BICARBONATE	GW01523IT	07/17/91	3	280.0000	MG/L		V	1.0000
B206289	INORG	WQPL	SILICA	GW01523IT	07/17/91	3	4.1000	MG/L		V	0.4000
B206289	METALS	DMETCLPTAL	ALUMINUM	GW01523IT	07/17/91	3	32.0000	UG/L	B	V	200.0000
B206289	METALS	DMETCLPTAL	ALUMINUM	GW01523IT	07/17/91	3	482.0000	UG/L	*	JA	200.0000
B206289	METALS	DMETCLPTAL	ANTIMONY	GW01523IT	07/17/91	3	24.0000	UG/L	B	V	60.0000
B206289	METALS	DMETCLPTAL	ANTIMONY	GW01523IT	07/17/91	3	19.0000	UG/L	BN	JA	60.0000
B206289	METALS	DMETCLPTAL	ARSENIC	GW01523IT	07/17/91	3	2.0000	UG/L	UW	V	10.0000
B206289	METALS	DMETCLPTAL	ARSENIC	GW01523IT	07/17/91	3	2.0000	UG/L	UN	JA	10.0000
B206289	METALS	DMETCLPTAL	BARIUM	GW01523IT	07/17/91	3	84.0000	UG/L	B	V	200.0000
B206289	METALS	DMETCLPTAL	BARIUM	GW01523IT	07/17/91	3	81.0000	UG/L	B	V	200.0000
B206289	METALS	DMETCLPTAL	BERYLLIUM	GW01523IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
B206289	METALS	DMETCLPTAL	BERYLLIUM	GW01523IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
B206289	METALS	DMETCLPTAL	CADMIUM	GW01523IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
B206289	METALS	DMETCLPTAL	CADMIUM	GW01523IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
B206289	METALS	DMETCLPTAL	CALCIUM	GW01523IT	07/17/91	3	73000.0000	UG/L		V	5000.0000
B206289	METALS	DMETCLPTAL	CALCIUM	GW01523IT	07/17/91	3	71400.0000	UG/L		V	5000.0000
B206289	METALS	DMETNOCLP	CESIUM	GW01523IT	07/17/91	3	32.0000	UG/L	U	V	1000.0000
B206289	METALS	DMETNOCLP	CESIUM	GW01523IT	07/17/91	3	32.0000	UG/L	U	JA	1000.0000
B206289	METALS	DMETCLPTAL	CHROMIUM	GW01523IT	07/17/91	3	6.0000	UG/L	B	JA	10.0000
B206289	METALS	DMETCLPTAL	CHROMIUM	GW01523IT	07/17/91	3	6.0000	UG/L	B	JA	10.0000
B206289	METALS	DMETCLPTAL	COBALT	GW01523IT	07/17/91	3	2.0000	UG/L	U	V	50.0000
B206289	METALS	DMETCLPTAL	COBALT	GW01523IT	07/17/91	3	2.0000	UG/L	U	V	50.0000
B206289	METALS	DMETCLPTAL	COPPER	GW01523IT	07/17/91	3	9.0000	UG/L	B	JA	25.0000
B206289	METALS	DMETCLPTAL	COPPER	GW01523IT	07/17/91	3	3.0000	UG/L	U	V	25.0000
B206289	METALS	DMETCLPTAL	IRON	GW01523IT	07/17/91	3	9.0000	UG/L	B*	JA	100.0000
B206289	METALS	DMETCLPTAL	IRON	GW01523IT	07/17/91	3	518.0000	UG/L		V	100.0000
B206289	METALS	DMETCLPTAL	LEAD	GW01523IT	07/17/91	3	1.0000	UG/L	U	V	3.0000
B206289	METALS	DMETCLPTAL	LEAD	GW01523IT	07/17/91	3	1.0000	UG/L	B	V	3.0000
B206289	METALS	DMETNOCLP	LITHIUM	GW01523IT	07/17/91	3	41.0000	UG/L	B	V	100.0000
B206289	METALS	DMETNOCLP	LITHIUM	GW01523IT	07/17/91	3	39.0000	UG/L	B	V	100.0000
B206289	METALS	DMETCLPTAL	MAGNESIUM	GW01523IT	07/17/91	3	17800.0000	UG/L		V	5000.0000
B206289	METALS	DMETCLPTAL	MAGNESIUM	GW01523IT	07/17/91	3	17600.0000	UG/L		V	5000.0000
B206289	METALS	DMETCLPTAL	MANGANESE	GW01523IT	07/17/91	3	31.0000	UG/L		V	15.0000
B206289	METALS	DMETCLPTAL	MANGANESE	GW01523IT	07/17/91	3	42.0000	UG/L		V	15.0000
B206289	METALS	DMETCLPTAL	MERCURY	GW01523IT	07/17/91	3	0.0000	UG/L	U	V	0.0000
B206289	METALS	DMETCLPTAL	MERCURY	GW01523IT	07/17/91	3	0.0000	UG/L	U	V	0.0000
B206289	METALS	DMETNOCLP	MOLYBDENUM	GW01523IT	07/17/91	3	3.0000	UG/L	B	V	200.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Present Landfill - Weathered Bedrock

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B206289	METALS	DMETNOCLP	MOLYBDENUM	GW01523IT	07/17/91	3	3.0000	UG/L	B	V	200.0000
B206289	METALS	DMETCLPTAL	NICKEL	GW01523IT	07/17/91	3	3.0000	UG/L	U	V	40.0000
B206289	METALS	DMETCLPTAL	NICKEL	GW01523IT	07/17/91	3	3.0000	UG/L	U	V	40.0000
B206289	METALS	DMETCLPTAL	POTASSIUM	GW01523IT	07/17/91	3	2410.0000	UG/L	B	V	5000.0000
B206289	METALS	DMETCLPTAL	POTASSIUM	GW01523IT	07/17/91	3	2330.0000	UG/L	BE	JA	5000.0000
B206289	METALS	DMETCLPTAL	SELENIUM	GW01523IT	07/17/91	3	2.0000	UG/L	B	V	5.0000
B206289	METALS	DMETCLPTAL	SELENIUM	GW01523IT	07/17/91	3	1.0000	UG/L	U	V	5.0000
B206289	METALS	DMETCLPTAL	SILVER	GW01523IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
B206289	METALS	DMETCLPTAL	SILVER	GW01523IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
B206289	METALS	DMETCLPTAL	SODIUM	GW01523IT	07/17/91	3	39100.0000	UG/L		V	5000.0000
B206289	METALS	DMETCLPTAL	SODIUM	GW01523IT	07/17/91	3	39200.0000	UG/L		V	5000.0000
B206289	METALS	DMETNOCLP	STRONTIUM	GW01523IT	07/17/91	3	530.0000	UG/L		V	200.0000
B206289	METALS	DMETNOCLP	STRONTIUM	GW01523IT	07/17/91	3	518.0000	UG/L		V	200.0000
B206289	METALS	DMETCLPTAL	THALLIUM	GW01523IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
B206289	METALS	DMETCLPTAL	THALLIUM	GW01523IT	07/17/91	3	2.0000	UG/L	U	V	10.0000
B206289	METALS	DMETNOCLP	TIN	GW01523IT	07/17/91	3	17.0000	UG/L	B	V	200.0000
B206289	METALS	DMETNOCLP	TIN	GW01523IT	07/17/91	3	14.0000	UG/L	U	V	200.0000
B206289	METALS	DMETCLPTAL	VANADIUM	GW01523IT	07/17/91	3	2.0000	UG/L	B	V	50.0000
B206289	METALS	DMETCLPTAL	VANADIUM	GW01523IT	07/17/91	3	2.0000	UG/L	B	JA	50.0000
B206289	METALS	DMETCLPTAL	ZINC	GW01523IT	07/17/91	3	7.0000	UG/L	B	JA	20.0000
B206289	METALS	DMETCLPTAL	ZINC	GW01523IT	07/17/91	3	42.0000	UG/L	E	JA	20.0000
B206289	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	2-BUTANONE	GW01523IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	2-HEXANONE	GW01523IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW01523IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	ACETONE	GW01523IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	BENZENE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	BROMOFORM	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	BROMOMETHANE	GW01523IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	CARBON DISULFIDE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	CHLOROBENZENE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	CHLOROETHANE	GW01523IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	CHLOROFORM	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	CHLOROMETHANE	GW01523IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	ETHYLBENZENE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	STYRENE	GW01523IT	07/17/91	3	5.0000	UG/L	U		5.0000

Group Key at End of Report

ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Present Landfill - Weathered Bedrock

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B206289	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW015231T	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	TOLUENE	GW015231T	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	TRICHLOROETHENE	GW015231T	07/17/91	3	5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	VINYL ACETATE	GW015231T	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	VINYL CHLORIDE	GW015231T	07/17/91	3	10.0000	UG/L	U		10.0000
B206289	VOC	VOCCLPTCL	XYLENES, TOTAL	GW015231T	07/17/91	3	7.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW015231T	07/17/91	3	-5.0000	UG/L	U		5.0000
B206289	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW015231T	07/17/91	3	-6.0000	UG/L	U		5.0000
B206289	WQHP	WQPL	CARBONATE	GW015231T	07/17/91	3	20.0000	MG/L		V	1.0000
B206289	WQHP	WQPL	CHLORIDE	GW015231T	07/17/91	3	1.8000	MG/L		JA	0.2000
B206289	WQHP	WQPL	FLUORIDE	GW015231T	07/17/91	3	0.4000	MG/L		JA	0.1000
B206289	WQHP	WQPL	NITRATE/NITRITE	GW015231T	07/17/91	3	0.2000	MG/L		V	0.0200
B206289	WQHP	WQPL	ORTHOPHOSPHATE	GW015231T	07/17/91	3	0.0100	MG/L	U	V	0.0100
B206289	WQHP	WQPL	SULFATE	GW015231T	07/17/91	3	59.0000	MG/L		V	2.0000
B206289	WQHP	WQPL	TOTAL DISSOLVED SOLIDS	GW015231T	07/17/91	3	400.0000	MG/L		V	10.0000
B206289	WQHP	WQPL	TOTAL SUSPENDED SOLIDS	GW015231T	07/17/91	3	67.0000	MG/L		V	4.0000
B206689	INORG	WQPL	BICARBONATE	GW009531T	03/12/91	1	174.0000	MG/L		V	10.0000
B206689	WQHP	WQPL	CARBONATE	GW009531T	03/12/91	1	10.0000	MG/L	U	V	10.0000
B206689	WQHP	WQPL	FLUORIDE	GW009531T	03/12/91	1	1.9000	MG/L		V	0.1000
B206689	WQHP	WQPL	SULFATE	GW009531T	03/12/91	1	145.0000	MG/L		V	25.0000
B206789	INORG	WQPL	BICARBONATE	GW009521T	03/12/91	1	135.0000	MG/L		V	10.0000
B206789	RADS	DRADS	ALPHA	GW019471T	10/24/91	4	3.3010	PCI/L			2.0000
B206789	RADS	DRADS	BETA	GW019471T	10/24/91	4	2.4740	PCI/L	J		4.0000
B206789	RADS	DRADS	TRITIUM	GW019471T	10/24/91	4	40.8500	PCI/L	J		400.0000
B206789	WQHP	WQPL	CARBONATE	GW009521T	03/12/91	1	10.0000	MG/L	U	V	10.0000
B206789	WQHP	WQPL	FLUORIDE	GW009521T	03/12/91	1	0.5200	MG/L		V	0.1000
B206789	WQHP	WQPL	SULFATE	GW009521T	03/12/91	1	524.0000	MG/L		V	20.0000
B206889	RADS	DRADS	TRITIUM	GW019181T	10/17/91	4	130.4000	PCI/L	J		400.0000
B206889	VOC	VOCCLPTCL	1,1,1-TRICHLOROETHANE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	1,1,2,2-TETRACHLOROETHANE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	1,1,2-TRICHLOROETHANE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	1,1-DICHLOROETHANE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	1,1-DICHLOROETHENE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	1,2-DICHLOROETHANE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	1,2-DICHLOROETHENE (TOTAL)	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	1,2-DICHLOROPROPANE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	2-BUTANONE	GW015301T	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	2-HEXANONE	GW015301T	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	4-METHYL-2-PENTANONE	GW015301T	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	ACETONE	GW015301T	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	BENZENE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	BROMODICHLOROMETHANE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	BROMOFORM	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	BROMOMETHANE	GW015301T	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	CARBON DISULFIDE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	CARBON TETRACHLORIDE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	CHLOROBENZENE	GW015301T	07/17/91	3	5.0000	UG/L	U		5.0000

Group Key at End of Report

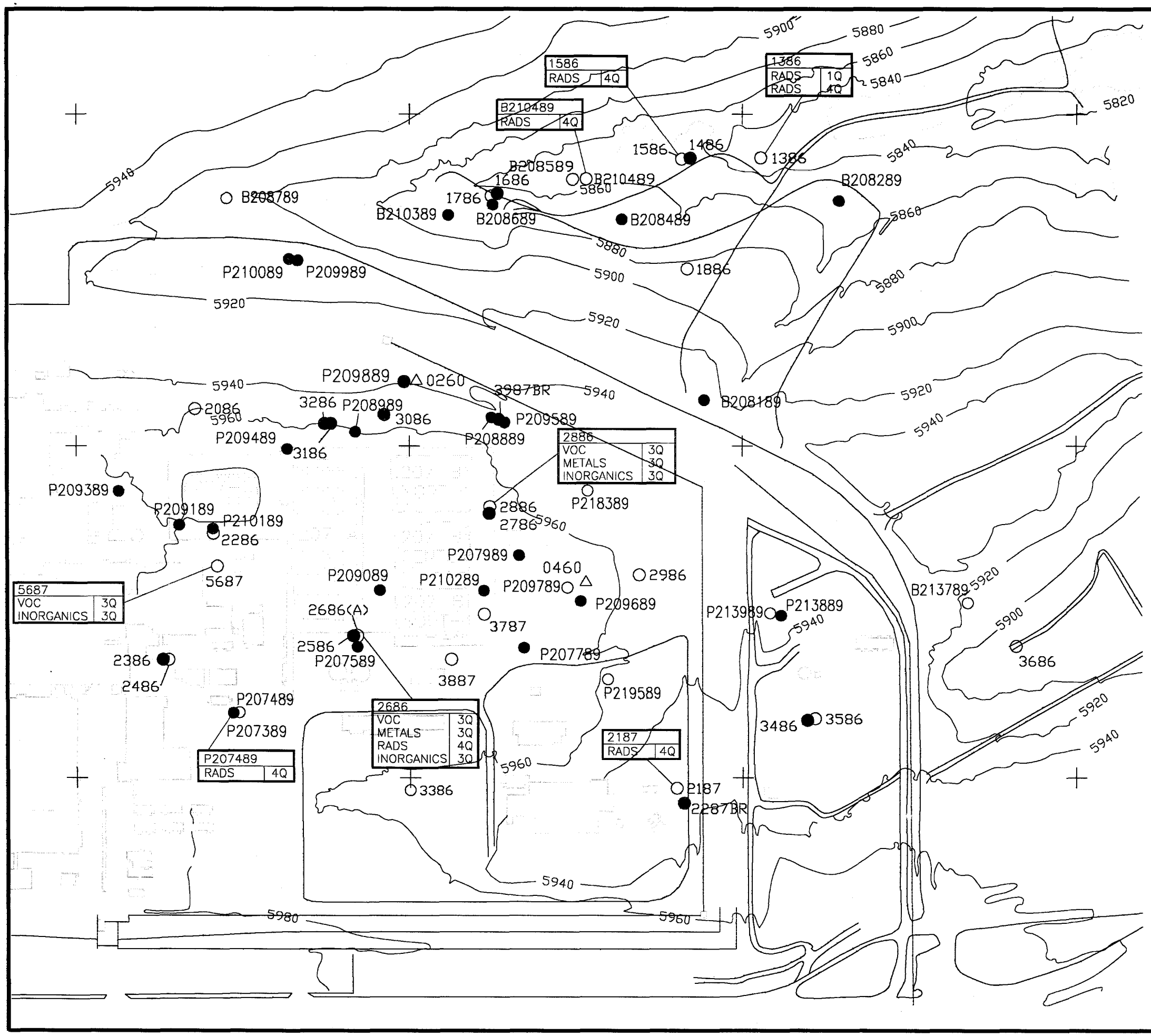
ANALYTICAL DATA TABLES FOR GROUNDWATER QUALITY 1991 ADDENDUM
Present Landfill - Weathered Bedrock

Well ID	Analyte Group	Group	Analyte	Sample	Sample Date	Quarter	Analyte Concentration	Unit	Qualifier	VA	Detection Limit
B206889	VOC	VOCCLPTCL	CHLOROETHANE	GW01530IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	CHLOROFORM	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	CHLOROMETHANE	GW01530IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	DIBROMOCHLOROMETHANE	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	ETHYLBENZENE	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	METHYLENE CHLORIDE	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	STYRENE	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	TETRACHLOROETHENE	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	TOLUENE	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	TRICHLOROETHENE	GW01530IT	07/17/91	3	5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	VINYL ACETATE	GW01530IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	VINYL CHLORIDE	GW01530IT	07/17/91	3	10.0000	UG/L	U		10.0000
B206889	VOC	VOCCLPTCL	XYLENES, TOTAL	GW01530IT	07/17/91	3	7.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	CIS-1,3-DICHLOROPROPENE	GW01530IT	07/17/91	3	-5.0000	UG/L	U		5.0000
B206889	VOC	VOCCLPTCL	TRANS-1,3-DICHLOROPROPENE	GW01530IT	07/17/91	3	-6.0000	UG/L	U		5.0000
B206889	WQHP	WQPL	NITRATE/NITRITE	GW01530IT	07/17/91	3	140.0000	MG/L		V	0.0200
B206989	RADS	DRADS	TRITIUM	GW01919IT	10/17/91	4	30.9200	PCI/L	J		400.0000
B207089	RADS	DRADS	ALPHA	GW01917IT	10/18/91	4	5.1320	PCI/L			2.0000
B207089	RADS	DRADS	AM-241	GW01917IT	10/18/91	4	0.0087	PCI/L	J		0.0100
B207089	RADS	DRADS	BETA	GW01917IT	10/18/91	4	12.1300	PCI/L			4.0000
B207089	RADS	DRADS	CS-137DA	GW01917IT	10/18/91	4	0.2899	PCI/L	J		1.0000
B207089	RADS	DRADS	PU239/40	GW01917IT	10/18/91	4	0.0023	PCI/L	J		0.0100
B207089	RADS	DRADS	RA-226DA	GW01917IT	10/18/91	4	0.5275	PCI/L			0.5000
B207089	RADS	DRADS	TOTAL-SR	GW01917IT	10/18/91	4	0.7510	PCI/L	J		1.0000
B207089	RADS	DRADS	TRITIUM	GW01917IT	10/18/91	4	93.7100	PCI/L	J		400.0000
B207089	RADS	DRADS	U-234	GW01917IT	10/18/91	4	2.3480	PCI/L			0.6000
B207089	RADS	DRADS	U-235	GW01917IT	10/18/91	4	0.0427	PCI/L	J		0.6000
B207089	RADS	DRADS	U-238DA	GW01917IT	10/18/91	4	1.2270	PCI/L			0.6000

End of Report

ANALYTE GROUP KEY

Analyte Group Abbreviation	Explanation
DMETN	Dissolved Metals
DMETC	Dissolved Metals
DRADS	Dissolved Radionuclides
RFIN	Inorganics
RFME	Total Metals
RFMS	Dissolved Metals
RFRA	Total Radionuclides
RFRS	Dissolved Radionuclides
RFVO	Volatile Organics
SMETC	Total Metals
SMETN	Total Metals
TRADS	Total Radionuclides
VOCCL	Volatile Organics - Chorinated
WQPL	Water Quality Parameters - Inorganic



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre–1986 Monitoring Well

WELL	
ANALYTE GROUP	QUARTER

ABBREVIATIONS:
VOC – Volatile Organic Compounds
METALS – Metals
RADS – Radionuclides
INORGANICS – Inorganics

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

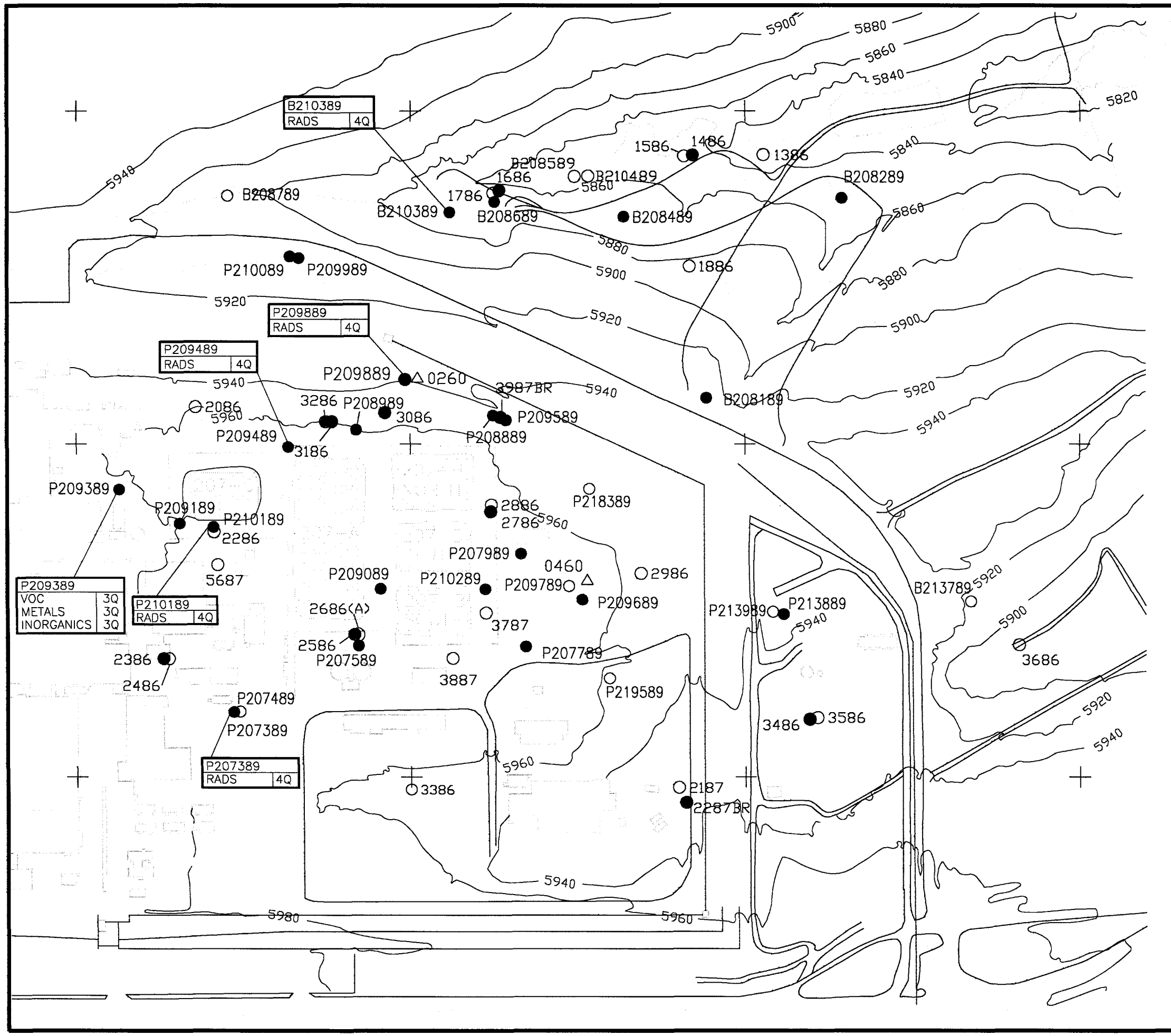
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT–ADDENDUM

Figure A–2
Additional Data for Surficial Material Wells Previously Unavailable for the 1991 RCRA Report

JULY, 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre–1986 Monitoring Well

WELL	
ANALYTE GROUP	QUARTER

ABBREVIATIONS:
VOC – Volatile Organic Compounds
METALS – Metals
RADS – Radionuclides
INORGANICS – Inorganics

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

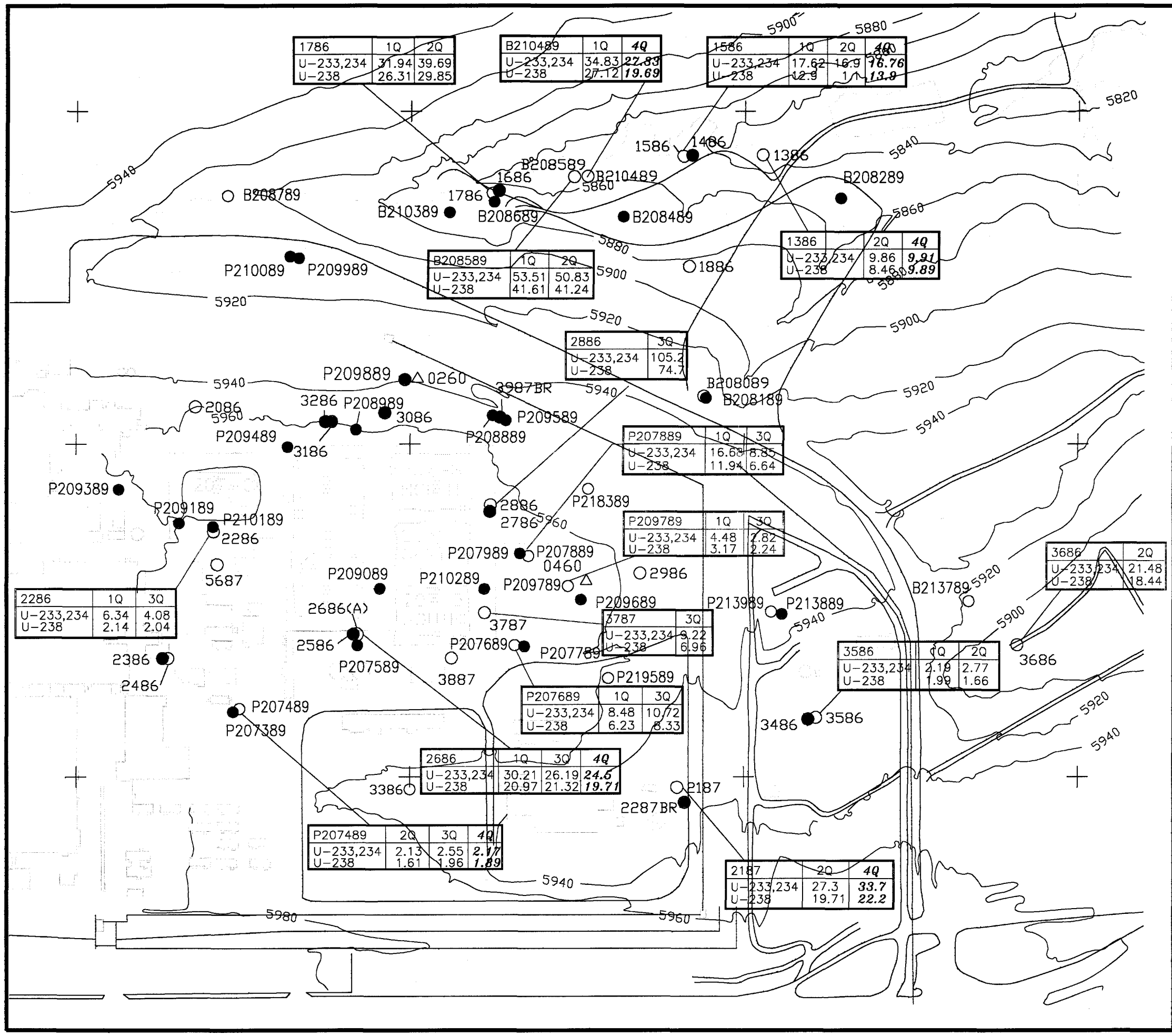
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT–ADDENDUM

Figure A–3
Additional Data for Weathered Bedrock Wells Previously Unavailable for the 1991 RCRA Report

JULY, 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre-1986 Monitoring Well

Well Number	1386	2Q	Quarter
Analyte	U-233,234	9.86	Concentration in picocuries per liter (pCi/l)

U-233,234 Uranium-233,234

NOTE: Concentrations in italics represent data presented in this addendum

N

0 300'

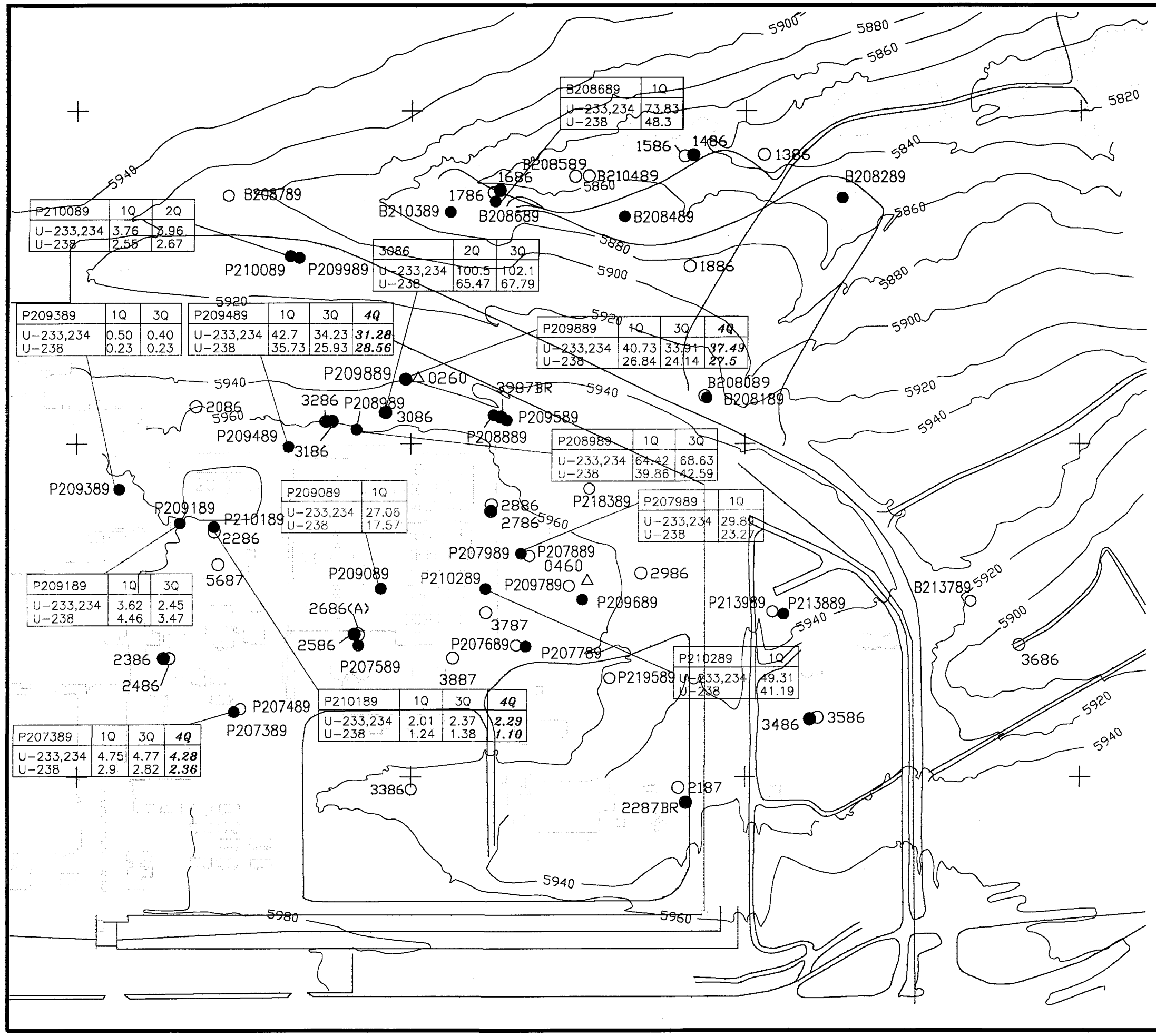
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT-ADDENDUM

Figure A-4
Dissolved Uranium-233,234
and Dissolved Uranium-238
in Surficial Materials, 1991

JULY, 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre-1986 Monitoring Well

Well Number / Analyte	1386	2Q	Quarter
	U-238	9.86	Concentration in picocuries per liter (pCi/l)

U-233,234 Uranium-233,234

U-238 Uranium-238

NOTE: Concentrations in italics represent data presented in this addendum

N

0 300'

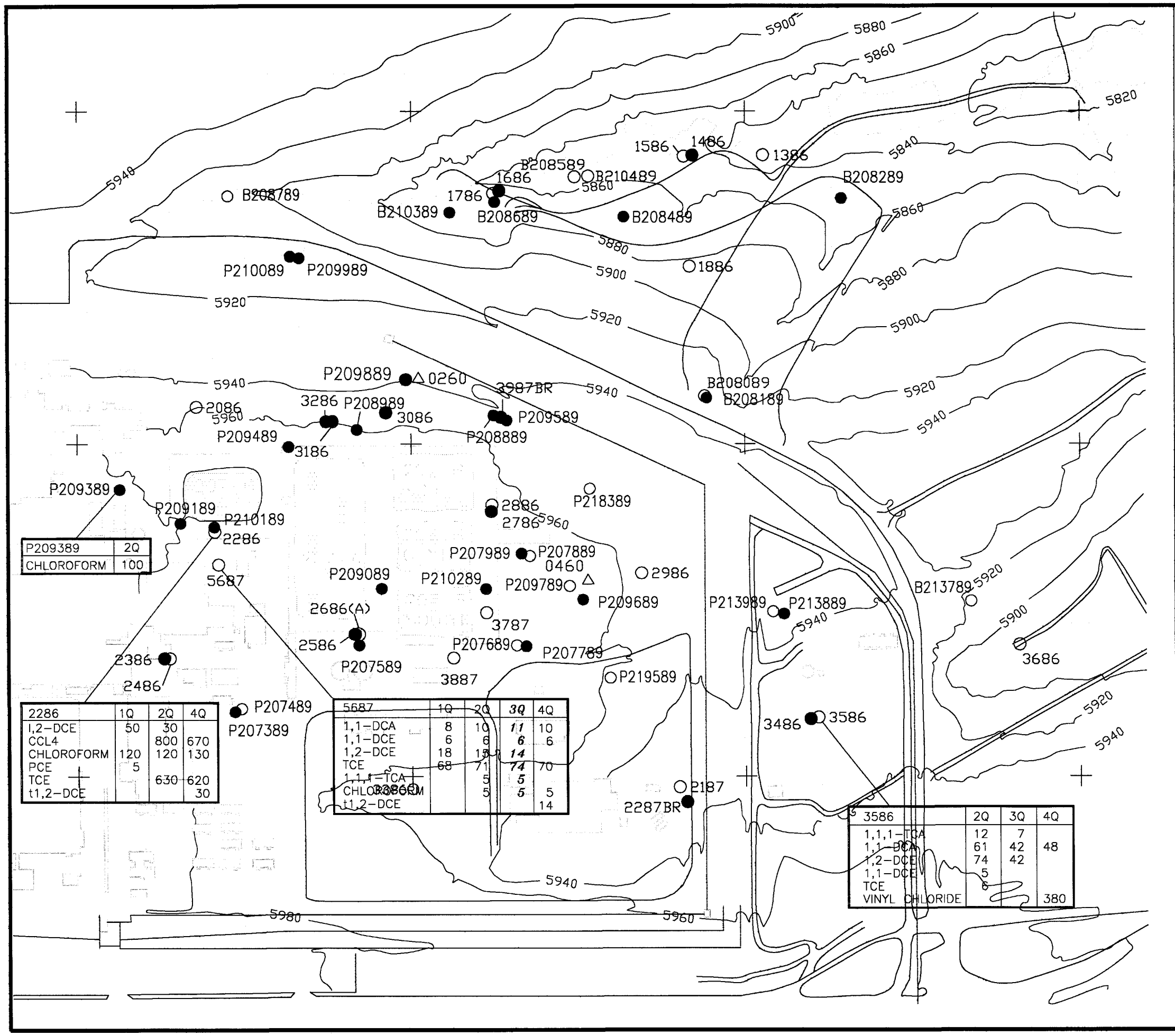
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT-ADDENDUM

Figure A-5
Dissolved Uranium-233,234
and Dissolved Uranium-238
in Weathered Bedrock, 1991

JULY, 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre-1986 Monitoring Well

Well Number		Quarter
P209289	2Q	
CHLOROFORM	100	Concentration in micrograms per liter (ug/l)

Analyte

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCE	1,2-Dichloroethene
CCL4	Carbon tetrachloride
PCE	Tetrachloroethene
TCE	Trichloroethene
t1,2-DCE	trans-1,2-Dichloroethene
1,1,1-TCA	1,1,1-Trichloroethane

NOTE: Concentrations in itaics represent data presented in this addendum

N

0 300'

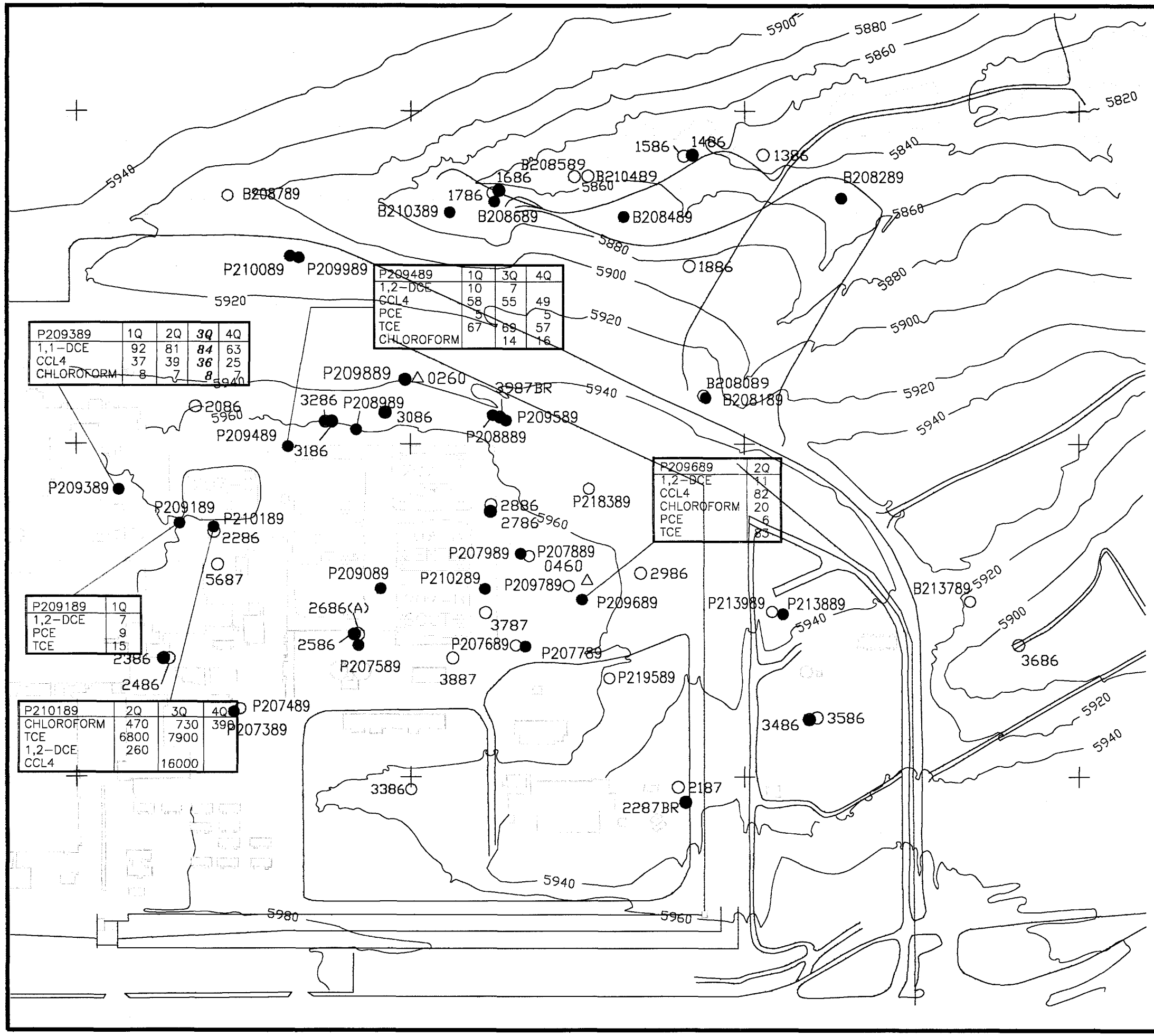
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT-ADDENDUM

Figure A-6
Volatile Organic Compounds
in Surficial Materials, 1991

JULY, 1992



P209489	1Q	3Q	4Q
1,2-DCE	10	7	
CCL4	58	55	49
PCE	5		5
TCE	67	69	57
CHLOROFORM		14	16

P209389	1Q	2Q	3Q	4Q
1,1-DCE	92	81	*84*	63
CCL4	37	39	*36*	25
CHLOROFORM	8	7	*8*	7

P209689	2Q
1,2-DCE	11
CCL4	82
CHLOROFORM	20
PCE	6
TCE	83

P209189	1Q
1,2-DCE	7
PCE	9
TCE	15

P210189	2Q	3Q	4Q
CHLOROFORM	470	730	390
TCE	6800	7900	
1,2-DCE	260		
CCL4	-	16000	

EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre-1986 Monitoring Well

P209289	2Q
CHLOROFORM	100

Well Number — Quarter

Analyte — Concentration in micrograms per liter (ug/l)

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCE	1,2-Dichloroethene
CCL4	Carbon tetrachloride
PCE	Tetrachloroethene
TCE	Trichloroethene
t1,2-DCE	trans-1,2-Dichloroethene
1,1,1-TCA	1,1,1-Trichloroethane

NOTE: Concentrations in italics represent data presented in this addendum

-N-

0 300'

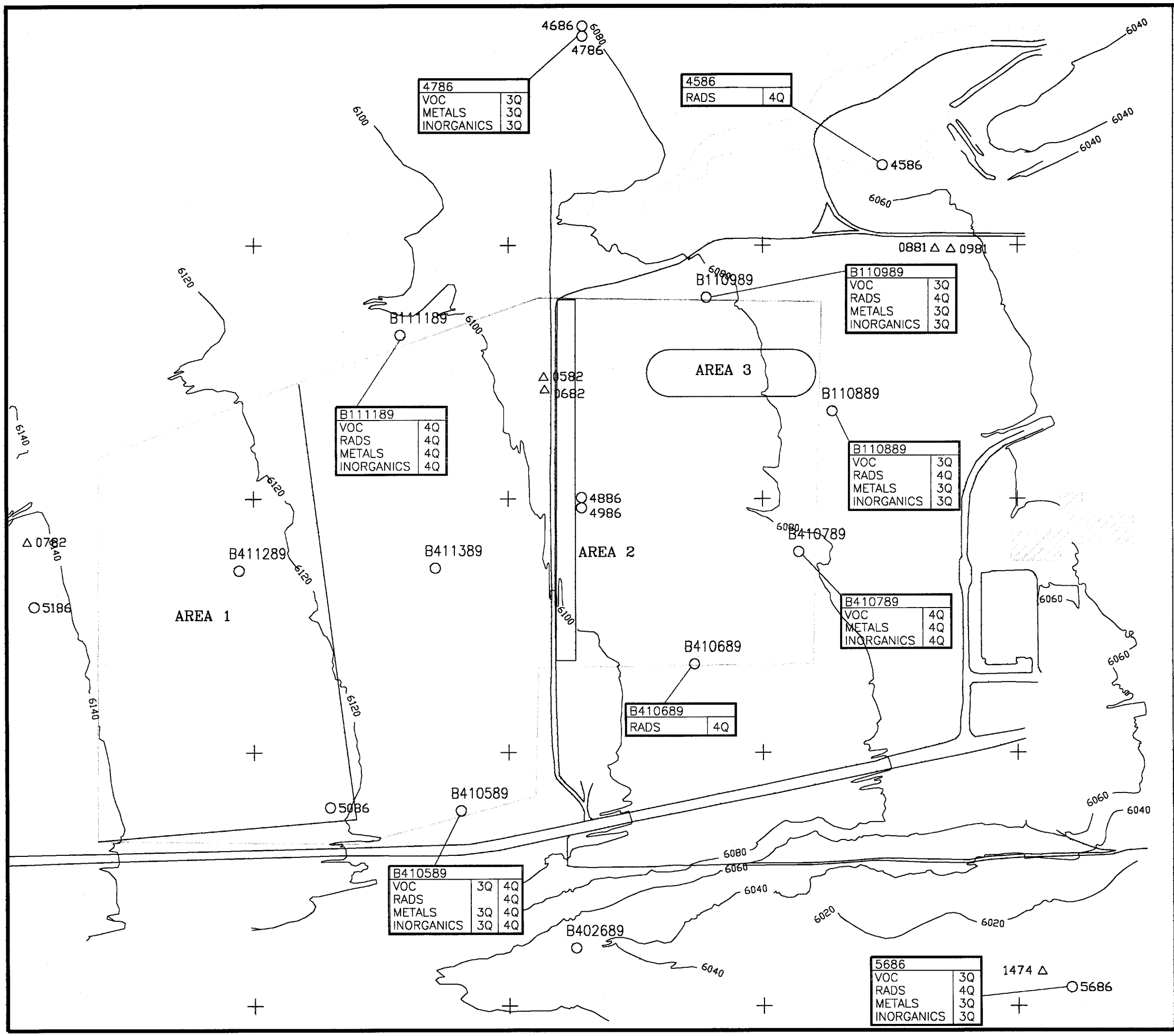
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT-ADDENDUM

Figure A-7
Volatile Organic Compounds in Weathered Bedrock, 1991

JULY, 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre–1986 Monitoring Well

WELL	
ANALYTE GROUP	QUARTER

ABBREVIATIONS:
VOC – Volatile Organic Compouds
METALS – Metals
RADS – Radionuclides
INORGANICS – Inorganics

-N-

0 400'

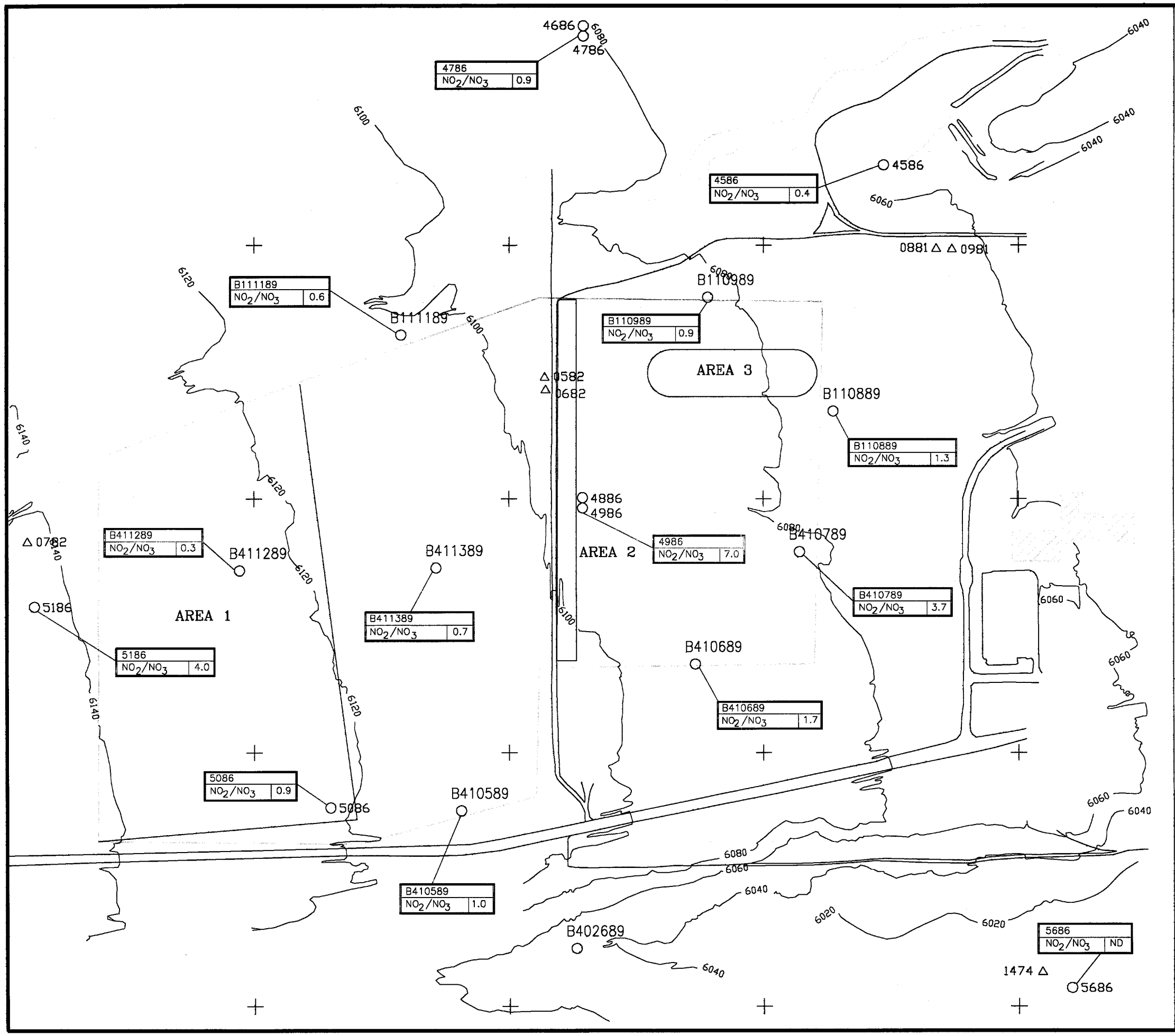
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT–ADDENDUM

Figure A–8
Additional Data for Surficial Material Wells Previously Unavailable for the 1991 RCRA Report

FEBRUARY 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre–1986 Monitoring Well

WELL		
ANALYTE	CONCENTRATION	QUARTER

NOTE: All units in mg/l.

NO_2/NO_3 Nitrite/Nitrate

-N-

0 400'

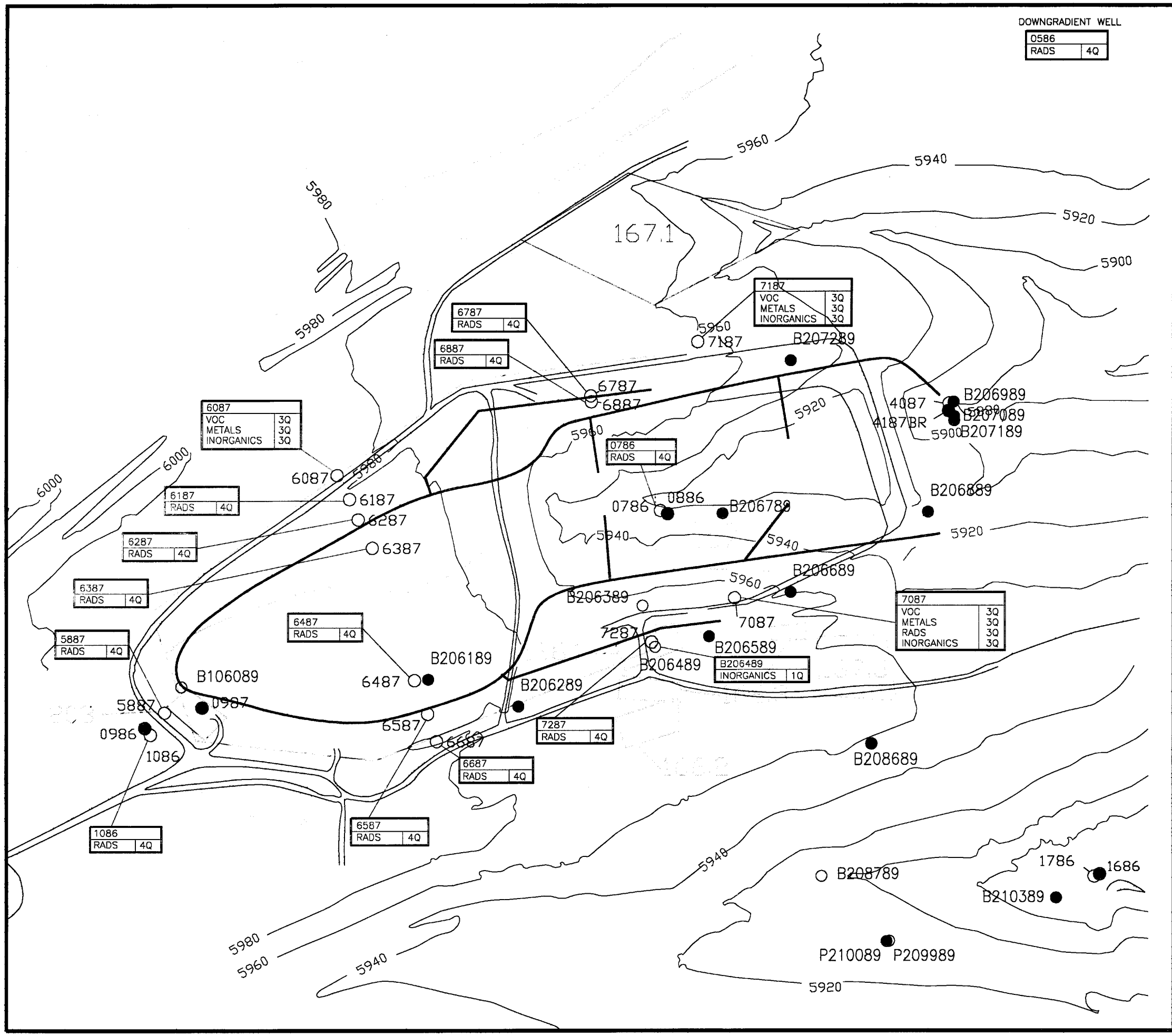
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT–ADDENDUM

Figure A–9
Nitrate and Nitrite in the Uppermost Flow System, Surficial Materials, Third Quarter, 1991

FEBRUARY 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

—— Groundwater Intercept System

WELL	
ANALYTE GROUP	QUARTER

ABBREVIATIONS:
VOC – Volatile Organic Compounds
METALS – Metals
RADS – Radionuclides
INORGANICS – Inorganics

-N-

0 300'

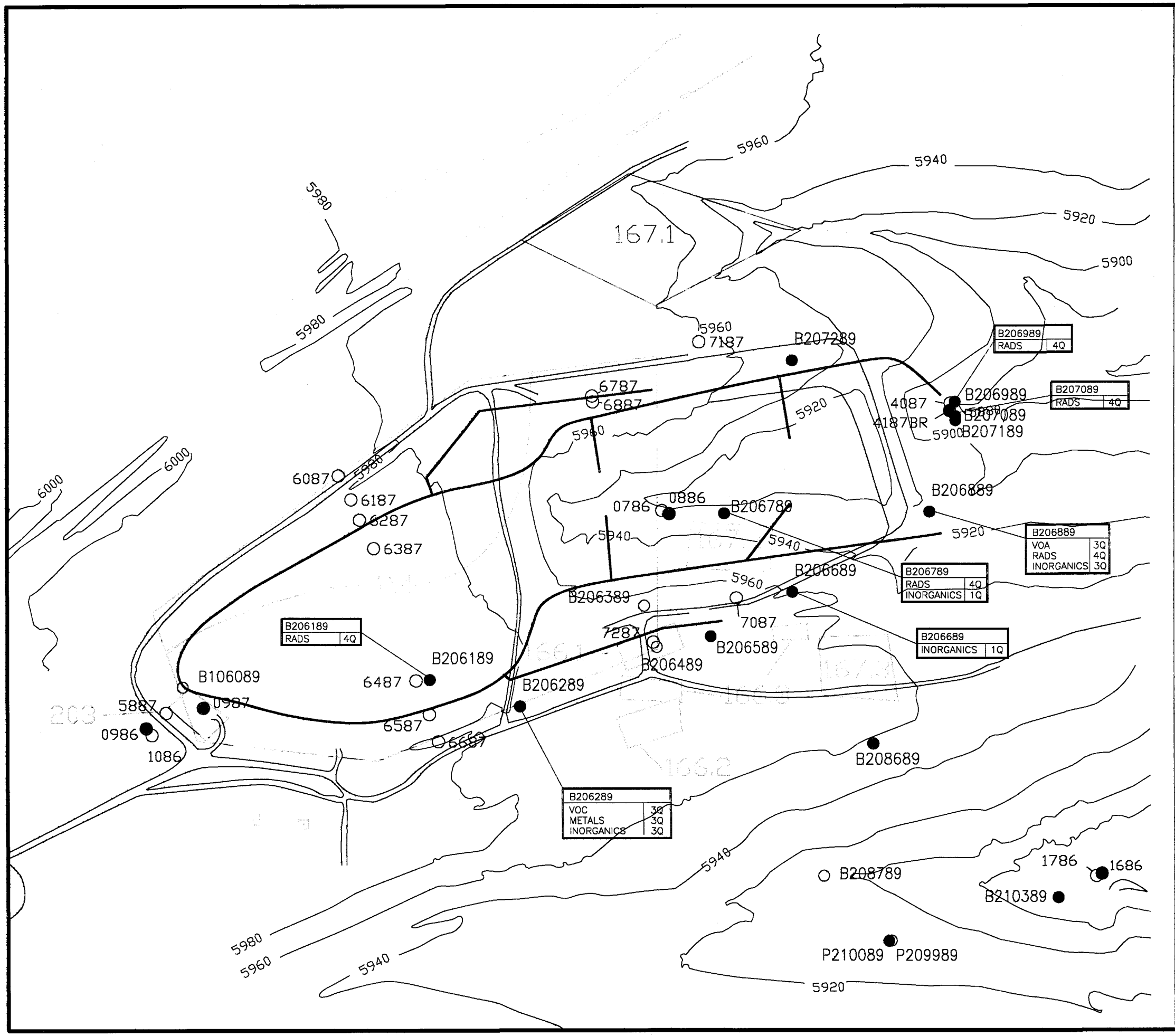
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT–ADDENDUM

Figure A–10
Additional Data for Surficial Material Wells Previously Unavilable for the 1991 RCRA Report

JULY 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

—— Groundwater Intercept System

WELL	
ANALYTE GROUP	QUARTER

ABBREVIATIONS:
VOC – Volatile Organic Compounds
METALS – Metals
RADS – Radionuclides
INORGANICS – Inorganics

-N-

0 300'

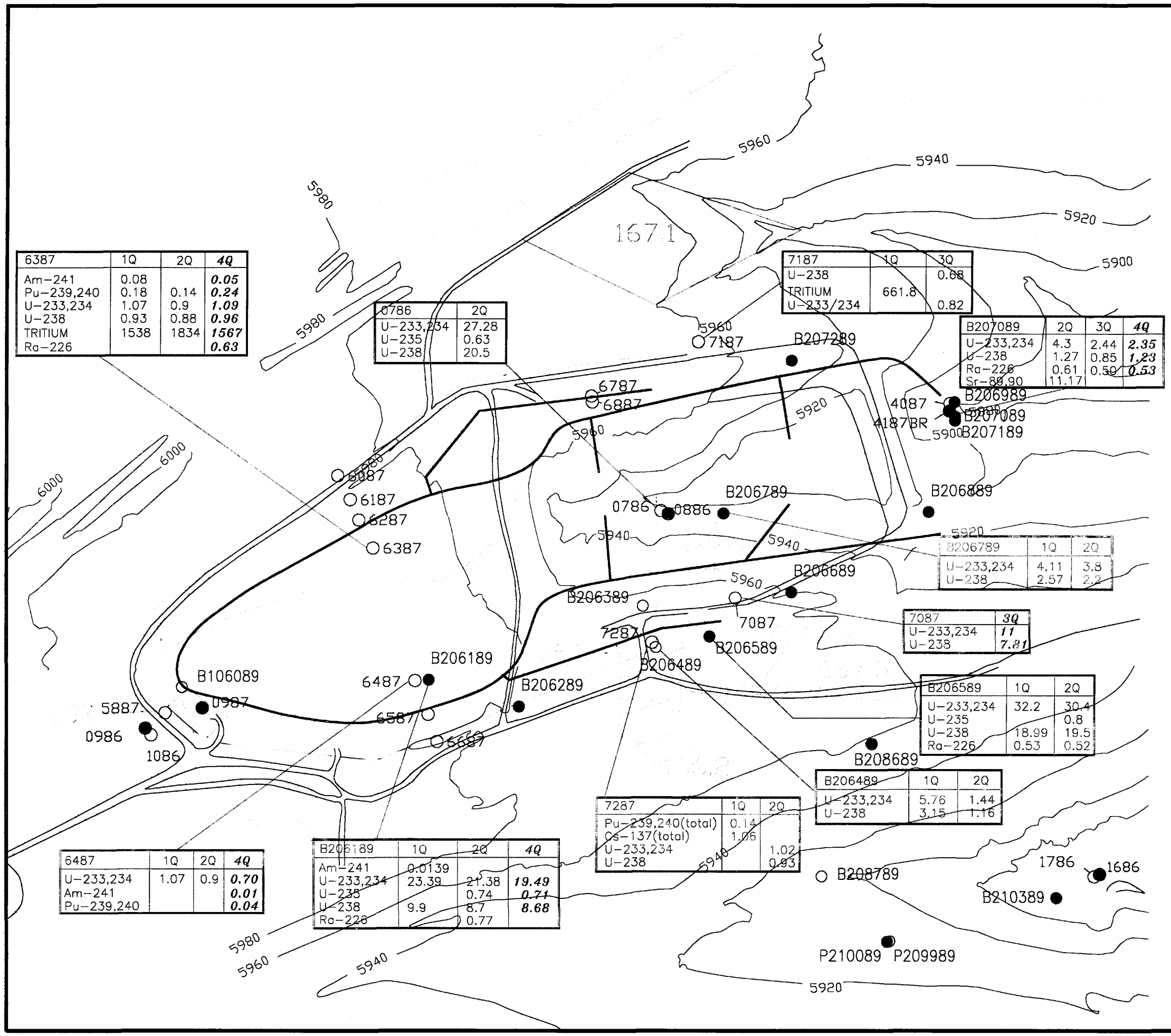
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT–ADDENDUM

Figure A–11
Additional Data for
Weathered Bedrock Wells
Previously Unavailable
for 1991 RCRA Report

JULY 1992



6387	1Q	2Q	4Q
Am–241	0.08		*0.05*
Pu–239,240	0.18	0.14	*0.24*
U–233,234	1.07	0.9	*1.09*
U–238	0.93	0.88	*0.96*
TRITIUM	1538	1834	*1567*
Ra–226			*0.63*

0786	2Q
U–233,234	27.28
U–235	0.63
U–238	20.5

7187	1Q	3Q
U–238		0.68
TRITIUM	661.8	
U–233/234		0.82

B207089	2Q	3Q	4Q
U–233,234	4.3	2.44	*2.35*
U–238	1.27	0.85	*1.23*
Ra–226	0.61	0.50	*0.53*
Sr–89,90	11.17		

B206789	1Q	2Q
U–233,234	4.11	3.8
U–238	2.57	2.2

7087	3Q
U–233,234	*11*
U–238	*7.81*

B206589	1Q	2Q
U–233,234	32.2	30.4
U–235		0.8
U–238	18.99	19.5
Ra–226	0.53	0.52

B206489	1Q	2Q
U–233,234	5.76	1.44
U–238	3.15	1.16

7287	1Q	2Q
Pu–239,240(total)	0.14	
Cs–137(total)	1.06	
U–233,234		1.02
U–238		0.93

6487	1Q	2Q	4Q
U–233,234	1.07	0.9	*0.70*
Am–241			*0.01*
Pu–239,240			*0.04*

B206189	1Q	2Q	4Q
Am–241	0.0139		
U–233,234	23.39	21.38	*19.49*
U–235		0.74	*0.71*
U–238	9.9	8.7	*8.68*
Ra–226		0.77	

EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

—— Groundwater Intercept System

Well Number	6487	1Q	Quarter
Analyte	U–233,234	1.07	Concentration in picocuries per liter (pCi/l)

U–233,234	Uranium–233,234 (dissolved)
U–235	Uranium–235 (dissolved)
U–238	Uranium–238 (dissolved)
Am–241	Americium–241 (total)
Pu–239,240	Plutonium–239,240 (total)
Ra–226	Radium–226 (dissolved)
Sr–89,90	Strontium–89,90 (dissolved)
Cs–137	Cesium–137 (total)

NOTES 1. Concetrations in italics represent data presented in this addendum

2. Analyses for Am–241, Pu–239,240, and Cs–137 are totals only.

Indiviual Hazardous Substance Site (IHSS)

-N-

0 300'

TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT–ADDENDUM

Figure A–12
Radionuclides in the
Uppermost Flow System, 1991

JULY, 1992