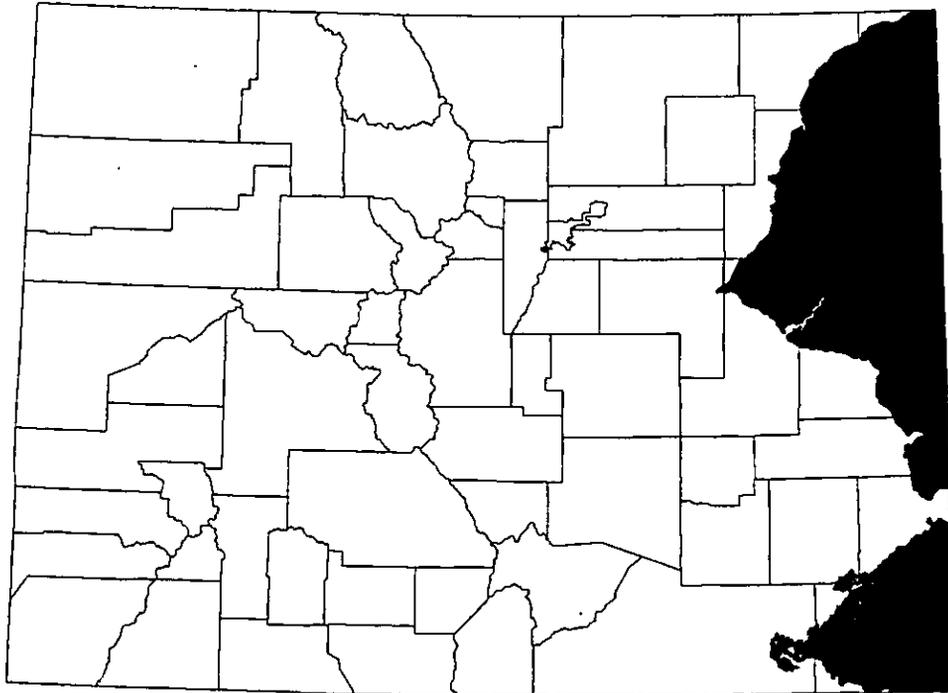


**Report to the
Commissioner of Agriculture
Colorado Department of Agriculture**



**Ground Water Monitoring Activities
High Plains Ogallala Aquifer
1997-1998**

**Bradford Austin
Agricultural Chemicals Program
Water Quality Control Division
Colorado Department of Public Health and Environment**

COLORADO DEPARTMENT OF HEALTH
Water Quality Control Division
Ag Chemicals Program

Executive Summary

The Water Quality Control Division (WQCD) of the Colorado Department of Public Health and Environment (CDPHE) has responsibility under the Agricultural Chemicals and Ground Water Protection Program (SB 90-126) to conduct monitoring for the presence of commercial fertilizers and pesticides in ground water. This data assists the Commissioner of Agriculture in determining whether agricultural operations are impacting ground water quality.

This report has been prepared to provide a summary of the High Plains Ogallala Aquifer ground water monitoring work completed in May 1998. The 1997 monitoring program focused on groundwater quality in the High Plains of Colorado. The High Plains or Ogallala Aquifer underlies some 12,000 square miles of eastern Colorado. This area is one of Colorado's major agricultural regions and unique in that the underlying Ogallala Aquifer is the sole source for water in the region.

One hundred twenty nine (129) wells were sampled for nitrate and 45 pesticides. In all cases existing wells were used. The majority of these wells were privately owned and permitted as domestic wells.

All wells sampled tested positive for the presence of Nitrate, there were no non detects. Nitrate analysis showed that 6 % of all the wells exceeded the nitrate drinking water standard of 10 mg/L. Pesticide data revealed three pesticides, Atrazine, Bromacil, and Prometon present in the well samples. The breakdown product of Atrazine, Deethyl Atrazine was also present in several samples. The concentration of Atrazine in one well was reported as 4.0 ug/L. This was the only exceedence of a water quality standard (3.0 ug/L) in this survey.

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LIST OF ACRONYMS USED IN THIS REPORT

CDPHE	Colorado Department of Public Health and Environment
CDA	Colorado Department of Agriculture
CSU	Colorado State University
EPA	United States Environmental Protection Agency
GIS	Geographic Information System
MCL	Maximum Contaminate Level
mg/L	Milligrams per Liter (for water equivalent to parts per million)
ug/L	Micrograms per Liter (for water equivalent to parts per billion)
QA	Quality Assurance
QC	Quality Control
SB 90-126	Senate Bill 90-126 of the Colorado General Assembly
ug/L	Micrograms per Liter (for water equivalent to parts per billion)
USDA	United States Department of Agriculture
WQCD	Water Quality Control Division of the Colorado Department of Public Health and Environment

Introduction

The Water Quality Control Division (WQCD) of the Colorado Department of Public Health and Environment (CDPHE) has responsibility under the Agricultural Chemicals and Ground Water Protection Program (SB 90-126) to conduct monitoring for the presence of commercial fertilizers and pesticides in ground water. The Agricultural Chemicals Program has been established to provide current, scientifically valid, ground water quality data to the Commissioner of Agriculture. Prior to passage of SB 90-126, a lack of data had prevented an accurate assessment of impacts to groundwater quality from agricultural operations. This program will assist the Commissioner of Agriculture in determining to what extent agricultural operations are impacting ground water quality. The program also assists the Commissioner in identifying those aquifers that are vulnerable to contamination. The philosophy adopted is to protect ground water and the environment from impairment or degradation due to the improper use of agricultural chemicals, while allowing for their proper and correct use.

This report has been prepared to provide a summary of the High Plains Ogallala Aquifer ground water monitoring work completed in May 1998. The monitoring program involved the collection and laboratory analysis of ground water samples from private wells located throughout the High Plains of Colorado. This monitoring program was planned to meet the objectives necessary for a preliminary determination of the existence of agricultural chemicals in the ground water in a safe, cost effective, and timely manner.

The ground water quality sampling program is intended to fulfill the following objectives:

1. Determine if agricultural chemicals are present in the ground water.
2. Provide data to assist the Commissioner of Agriculture in the identification of potential agricultural management areas.

The factors considered in selecting an area for monitoring are:

1. Agricultural chemicals are used in the area.
2. The ground water in the area is shallow in depth or vulnerable.
3. The majority of the agricultural chemical use is on irrigated land.
4. The soil types are conducive to leaching.
5. The alluvial and /or shallow bedrock aquifers are utilized for domestic water supplies.

Before an area is selected for monitoring, CDPHE contacts interested parties to inform them of the sampling program and SB 90-126, and how we envision its implementation. CDPHE then coordinates closely with federal agencies, county extension agents, conservancy districts, and local health officials in the project area.

Ground Water Monitoring Program

The 1997 monitoring program focused on groundwater quality in the High Plains of Colorado. Colorado's High Plains region includes most of the state east of the foothills of the Rocky Mountains, but excludes the valleys of the South Platte and Arkansas rivers. The High Plains or Ogallala Aquifer in Colorado is part of the largest aquifer system in the United States. The Ogallala Aquifer underlies some 12,000 square miles of eastern Colorado and is the sole source of water for that region of the state. Agriculture is the basis for the economy in the High Plains and the majority of the region is either cropland or pasture.

The High Plains survey was the largest sampling project, both in geographic area and number of sample points, the program has ever attempted. One hundred forty four samples were collected over a eight month period (Figure 1). All wells were sampled for the basic water quality constituents, nitrate and forty six pesticides. In all cases existing wells were used. Most of these wells were privately owned and permitted as domestic wells. Well coverage is not uniformly distributed as efforts were concentrated in those areas representative of irrigated agriculture.

Wells were selected for sampling based on a favorable location within the irrigated areas and the boundaries of the High Plains aquifer. General well and site conditions, and cooperation of the well owner were important factors. The wells were sampled once between July, 1997 and May, 1998 by Brad Austin and John Colbert of CDPHE. Field sampling procedures followed the protocol developed by the ground water quality monitoring working group of the Colorado nonpoint task force.

Well samples were analyzed for basic water quality constituents, nitrate, and selected pesticides. A list of analytes is presented in Table 1. The basic inorganic analysis was performed by the Soils Laboratory at CSU with all samples split with the CDPHE Laboratory for nitrate. Comparison of these split parameters shows consistent results between the two laboratories. The Colorado Department of Agriculture, Standards Laboratory performed the laboratory analysis for nitrate as nitrogen and selected pesticides. Temperature, conductivity, total dissolved solids, and pH were measured in the field.

The pesticide analysis was compiled based on those substances that have recently been, or are currently being utilized in the area according to local agricultural representatives. Budget restrictions would not allow testing for all pesticides used in the study area. To reduce the analysis cost, each pesticide was weighted according to its chemical properties of persistence and mobility in the environment, amount of active ingredient used per acre, and the amount of acreage within the study area that the pesticide was used on. Pesticides were then selected according to their final score and the ability of the laboratory to detect their presence.

High Plains Ogallala Aquifer Sampling locations, 1997-8

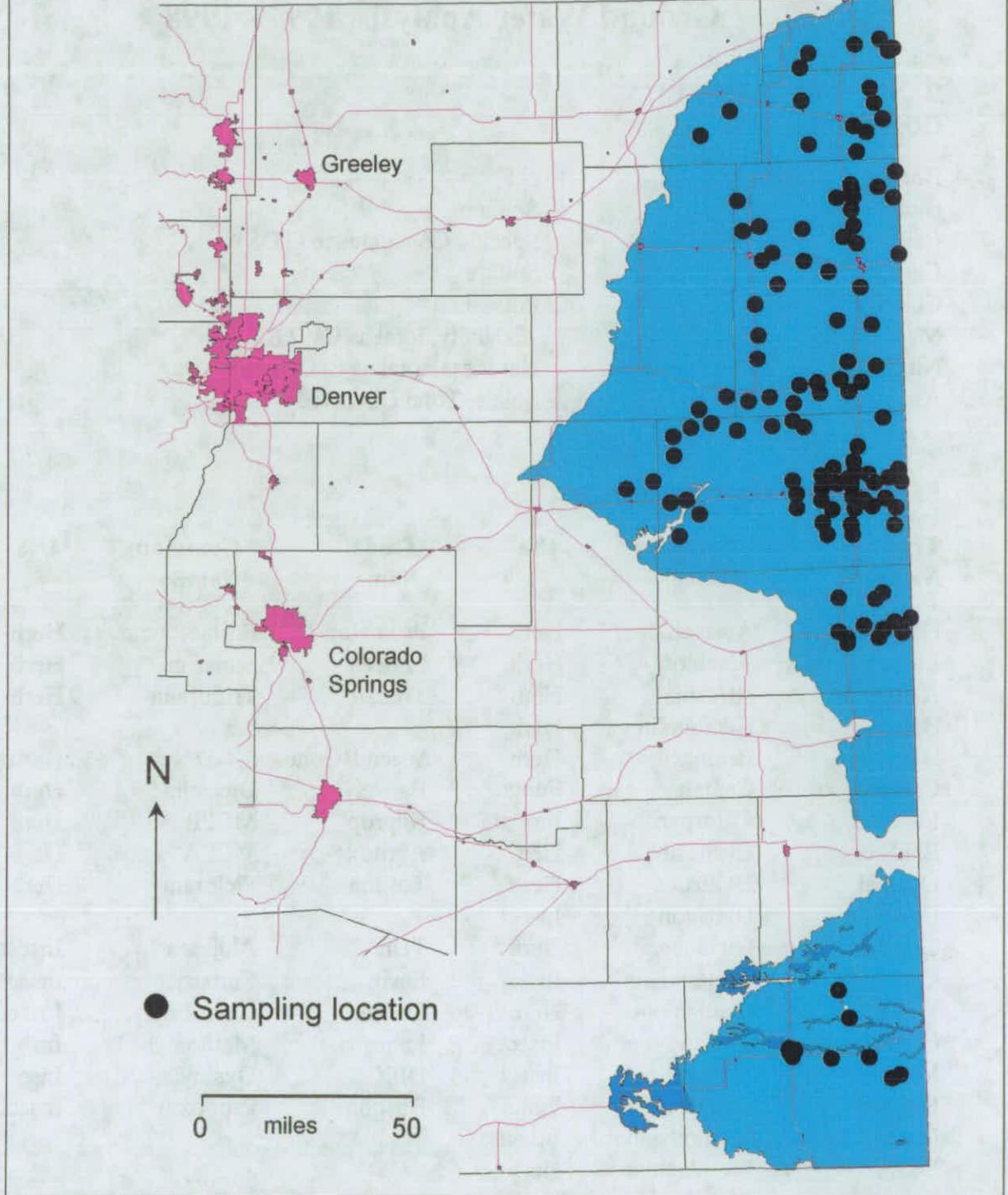


FIGURE 1 - Study Area and sampling locations. Map showing the boundary of the High Plains Ogallala study area and well locations sampled in 1997 and 1998.

TABLE 1 - LIST OF ANALYTES

**Colorado High Plains Ogallala Aquifer
Ground Water Analysis, 1997 - 1998**

**BASIC WATER QUALITY
CONSTITUENTS**

Boron	pH
Bicarbonate	Sodium
Calcium	Specific Conductance (TDS)
Carbonate	Sulfate
Chloride	Potassium
Magnesium	Alkalinity, total as CaCO ₃
Nitrate	Hardness, total as CaCO ₃
Ammonia	Solids, Total Dissolved

PESTICIDE COMPOUNDS

Trade Name	Common Name	Use	Trade Name	Common Name	Use
Harness	Acetachlor	Herb	Prometon	Prometone	Herb
Lasso	Alachlor	Herb	Princep	Simazine	Herb
AAtrex	Atrazine	Herb	Treflan	Trifluralin	Herb
Balan	Benfluralin	Herb			
Hyvar	Bromacil	Herb	Weed BGone	2,4-D	Herb
Captane	Captan	Fungi	Banvel	Dicamba	Herb
Lorsban	Chlorpyrifos	Insect	Kilprop	MCPPP	Herb
Bladex	Cyanazine	Herb	Agritox	MCPA	Herb
Dacthal	DCPA	Herb	Tordon	Picloram	Herb
Diazinon	Diazinon	Insect			
Casoron	Dichlobenil	Herb	Temik	Aldicarb	Insect
Cygon	Dimethoate	Insect	Sevin	Carbaryl	Insect
Velpar	Hexazinone	Herb	Furadan	Carbofuran	Insect
Gamma-mean	Lindane	Insect	Lannate	Methomyl	Insect
Malathion	Malathion	Insect	DPX	Oxamyl	Insect
Ridomil	Metalaxyl	Fungi	Baygon	Propoxur	Insect
Marlate	Methoxychlor	Insect			
Dual	Metolachlor	Herb			
Sencor	Metribuzin	Herb			
Prowl	Pendimethalin	Herb			

GROUND WATER MONITORING RESULTS

The results from this sampling program have been entered into the CDPHE Groundwater Quality Data System, a database specifically designed and maintained by the WQCD to store ground water quality data. Reports may be generated from the database on ground water quality in any area of the state from all data sources available. A complete printout of all water quality data from this survey is provided in the Appendix.

Analysis of the nitrate data indicates that ground water in the majority of the area sampled does show minor levels of nitrate contamination. It can not be determined from this analysis the source of the nitrate, but our experience in other areas of the state suggest application of chemical fertilizer as the most likely source. Nitrate analysis showed that approximately 6 % of all the wells exceeded the nitrate drinking water standard of 10 mg/L. This compares quite favorably with other areas of the state where nitrate exceedences ranged from 10% to 34% of the samples. While overall nitrate levels were low, this contaminate was present in every well, with no wells testing non-detect for nitrate. The drinking water standard is used as a benchmark for nitrate levels in all wells regardless of current use. In the High Plains study, all wells sampled were domestic supply wells.

Eight (8) of the one hundred twenty nine (129) wells sampled (6%) showed nitrate levels in excess of the EPA standard for drinking water (10 mg/L) (Figure 2). The remaining one hundred twenty one (121) wells (94%) tested positive for nitrate but were below the EPA standard. No samples tested below the detection level of 0.5 mg/L. Looking at the breakout of those eight wells that exceeded the drinking water standard for nitrate, we see that five

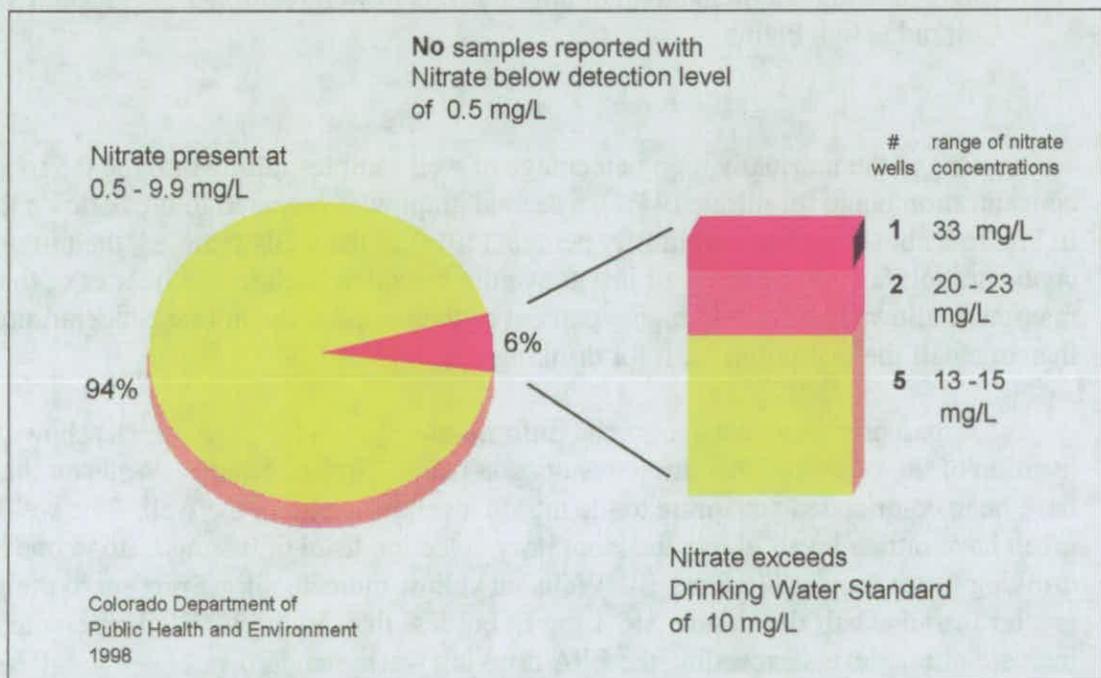


FIGURE 2 - Nitrate levels in High Plains Ogallala ground water Chart showing distribution of nitrate levels in wells sampled in 1997 and 1998 Colorado High Plains.

wells had a nitrate concentration in the thirteen to fifteen milligrams per liter range. Only three wells in this survey tested for nitrate above twenty milligrams per liter.

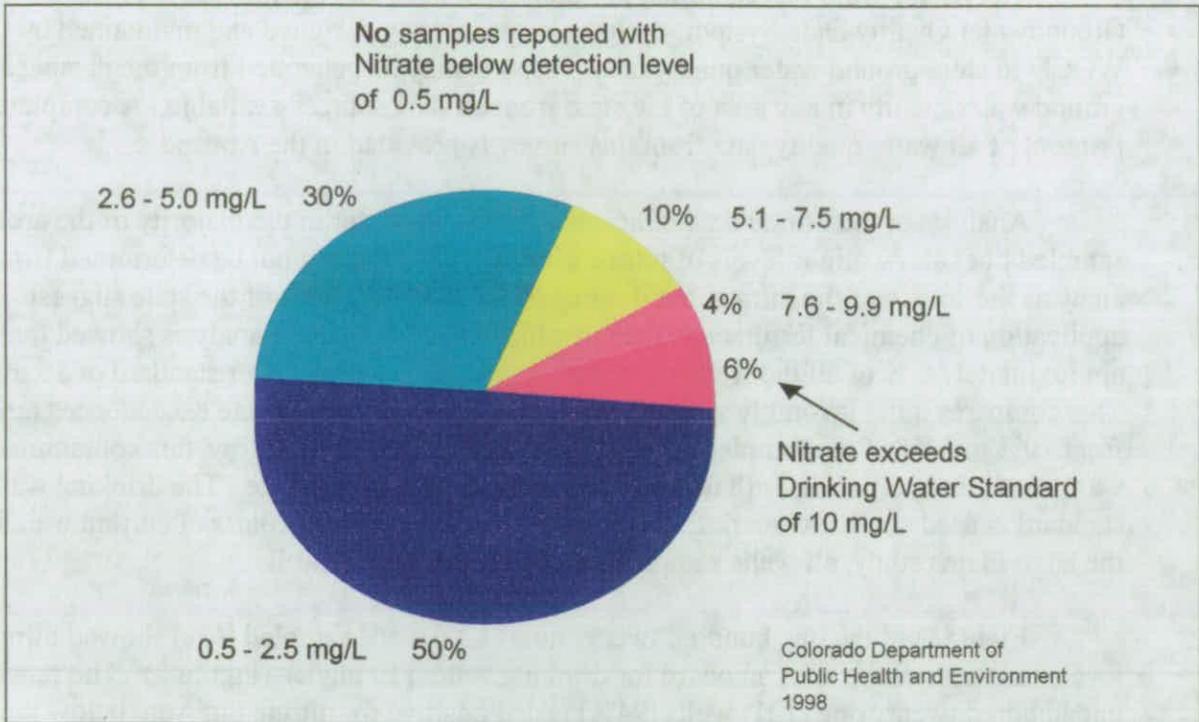


FIGURE 3 - Breakdown of nitrate levels in High Plains Ogallala ground water
Chart showing the breakdown of nitrate levels in wells sampled in 1997 and 1998
Colorado High Plains .

Due to the unusually high percentage of well samples falling into the 0.5 to 9.9 mg/L concentration range for nitrate (94%), a second graph was prepared to break down that range. In Figure 3 above, we see that in fifty percent (50%) of the wells sampled, the nitrate concentration falls in the range of just above the detection limit to one quarter of the maximum allowable level. In eighty percent of the samples, the nitrate concentration is less than one half the maximum limit for drinking water.

A map prepared on a geographic information system (GIS) (Figure 4) shows the location of the wells and the nitrate results graphed in Figures 2 and 3. Wells on the map have been color coded according to the nitrate level measured in the well. The wells in green have nitrate levels above the laboratory detection level of 0.5 mg/L up to one half the drinking water standard (5.0 mg/L). Wells in yellow indicate nitrate present in the sample at greater than one half the standard (5.1 mg/L) but less than 10 mg/L. Wells presented in red indicate nitrate levels exceeding the EPA drinking water standard.

Nitrate levels and well locations High Plains Ogallala 1997-98

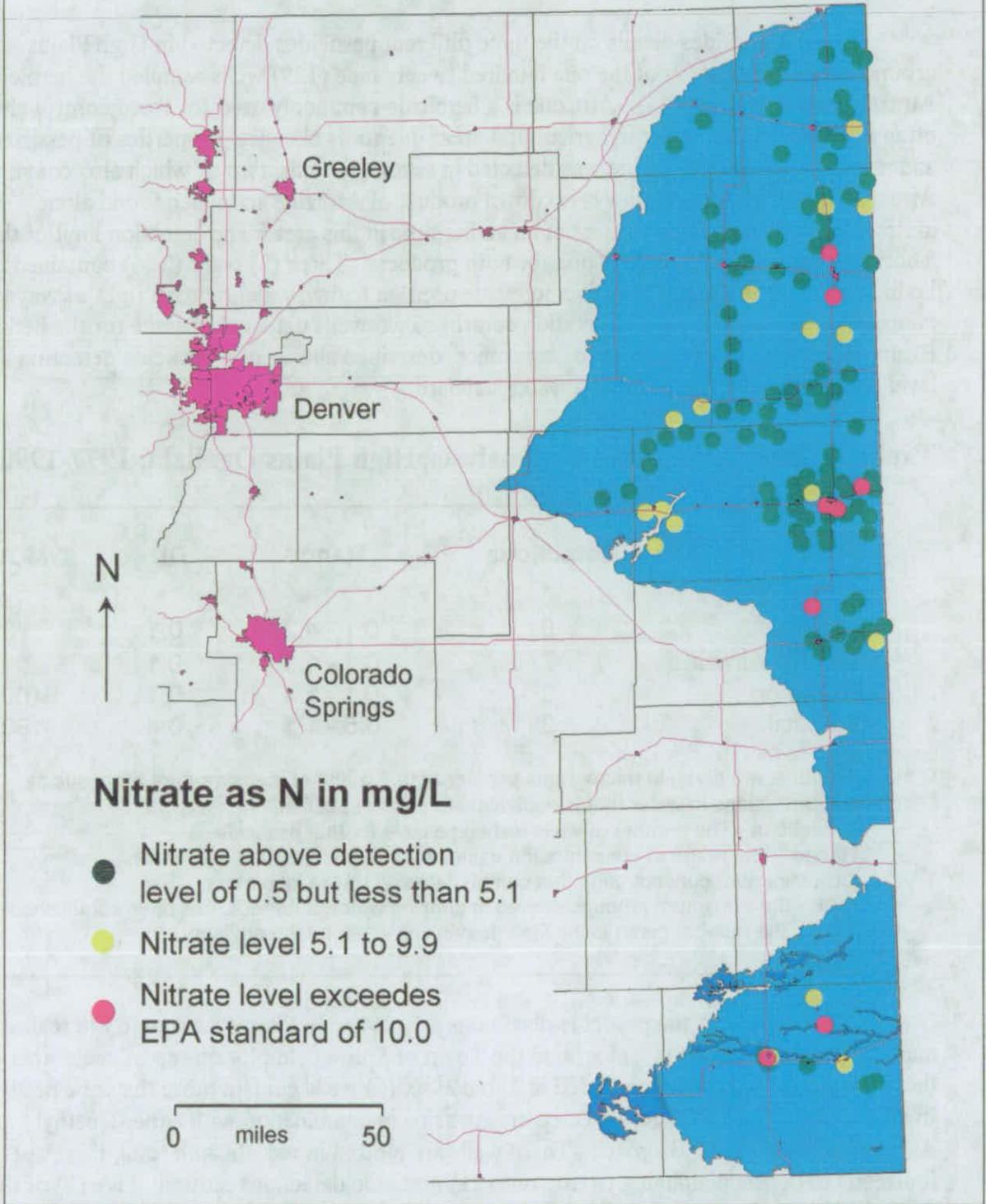


FIGURE 4 - Location of wells and nitrate levels. Map showing the locations and nitrate levels in ground water in High Plains Ogallala study area, 1997 - 1998.

Pesticide data revealed three pesticides, Atrazine, Prometon, and Bromacil present in the well samples. The breakdown product of Atrazine, Deethyl Atrazine was also present in several samples. The concentration of Atrazine in one well exceeded the water quality standard of 3.0 ug/L. That well, located in the town of Springfield, had been taken out of service at the time the sample was taken.

Table 2 provides details on the three different pesticides detected in High Plains ground water. In nine (9) of the one hundred twenty nine (129) wells sampled the herbicide Atrazine was detected (7 %). Atrazine is a herbicide commonly used for weed control and often found in ground water in agricultural areas due to its chemical properties of persistence and mobility. Deethyl Atrazine was detected in seven (7) wells, two of which also contained Atrazine. Deethyl Atrazine is a breakdown product of Atrazine and when found alone indicates that Atrazine was present at an earlier time in this area. The detection limit of the laboratory analysis is 0.1 ug/l or ppb for both products. Three (3) wells (2 %) contained the herbicide Prometon, a non selective herbicide used on highway and railroad right of ways and industrial areas for complete vegetation control. Two wells detected positive for the herbicide Bromacil. There was only the one occurrence, described above, of a pesticide detection a level higher than the EPA drinking water standard.

TABLE 2 - Results of Pesticide Analysis, High Plains Ogallala, 1997-1998.

Pesticide	Detections	Range	DL	MCL
Atrazine	9	0.1 - 4.2	0.1	3
Deethyl Atrazine	7	0.1 - 1.3	0.1	
Prometon	3	0.1 - 1.4	0.1	100
Bromacil	2	0.5 - 1.1	0.4	90

Amounts are given in micrograms per liter (ug/L), a unit of measurement for pesticide concentrations in water that is equivalent to parts per billion.

Detections - The number of wells testing positive for that pesticide.

Range - The range of concentration values for that pesticide in those wells.

DL - Minimum concentration that can be detected by the laboratory.

MCL - the maximum amount allowed in drinking water, if no MCL has been established the number given is the lifetime drinking water health advisory.

The location of the pesticide detections are plotted in Figure 5. Due to the scale of the map, multiple detections in and around the Town of Springfield plot on top of each other. Of the twenty one (21) detections listed in Table 2, six (6) wells contain more than one pesticide. In all six cases, the pesticides detected are Atrazine in combination with either Deethyl Atrazine, Prometon, or Bromacil. These wells are plotted in red. In sum total, there are fourteen (14) wells containing twenty one (21) pesticide detections plotted. Five (5) of these fourteen (14) wells are in the vicinity of the Town of Springfield.

Pesticide detections and well locations High Plains Ogallala 1997-1998

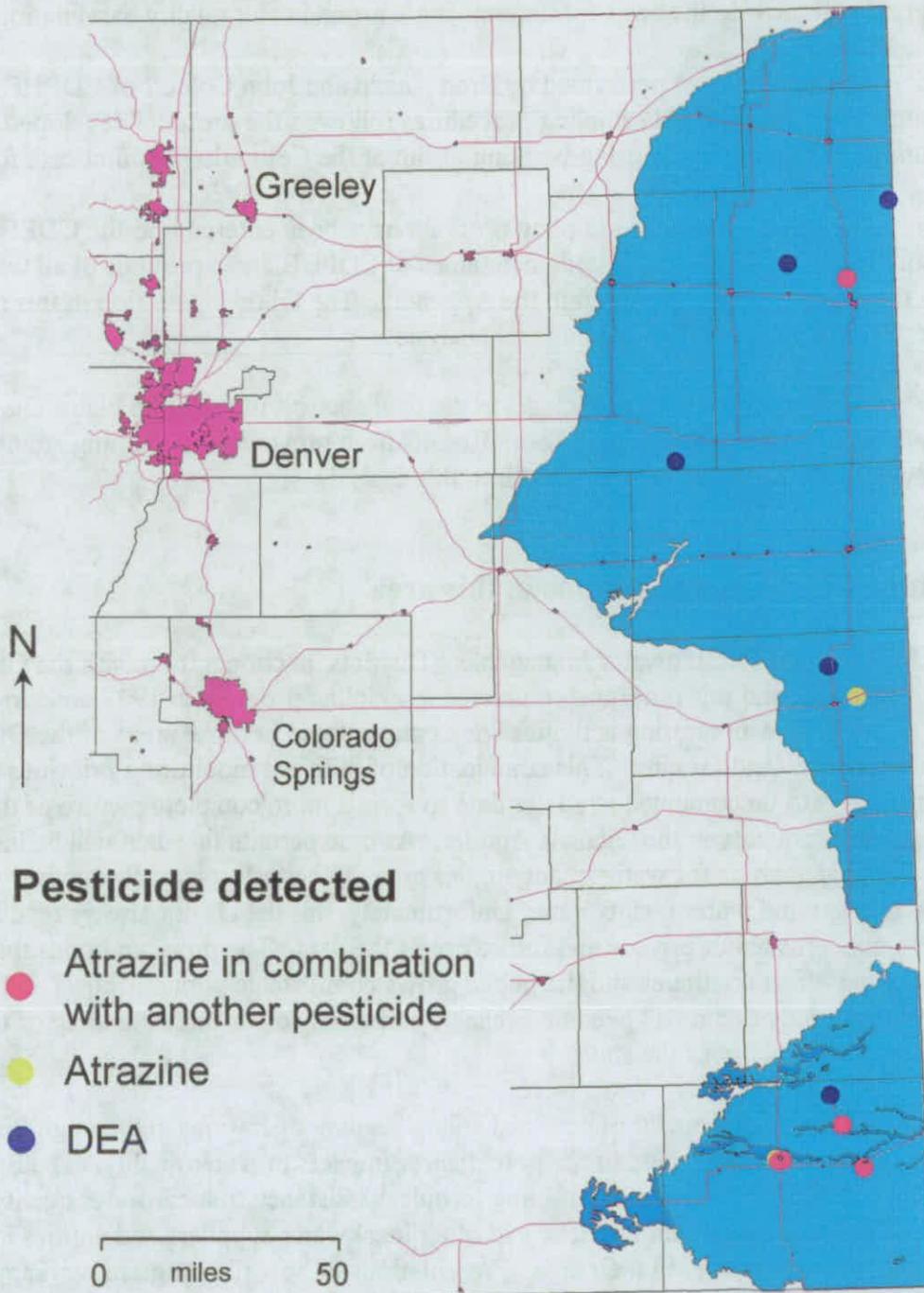


FIGURE 5 - Location of pesticide detections. Map showing the location and type of pesticide detected in High Plains Ogallala study area, 1997-1998.

The monitoring program included sample collection, laboratory analysis, and data analysis and storage. Due to the vast size of this area, over 12,000 square miles, this survey does not fully establish a baseline for agricultural chemicals in ground water in this area. At some time in the future, additional data collected by local and Federal agencies should be added to the study. Upon completion of more sampling and a full analysis, which should include integration with previous and current studies by other agencies, the resulting sampling program will provide the basis for determining a groundwater quality baseline for this region.

All sampling was performed by Brad Austin and John Colbert of CDPHE, July 1997 through May, 1998. Field sampling procedures followed the protocol developed by the ground water quality monitoring working group of the Colorado nonpoint task force.

The results from this sampling program have been entered into the CDPHE Groundwater Quality Data System maintained at CDPHE and a printout of all water quality data from this survey is provided in the Appendix. The following section in this report describes the protocol for sampling and analysis.

The WQCD intends to include, in the final analysis of the High Plains Ogallala Aquifer, all available ground water quality data. Results from previous and ongoing studies by other agencies in the area will be integrated into this analysis.

Future additions and actions in this area

The local Groundwater Management Districts, in cooperation with the Office of the State Engineer and this program, conducted a sampling program in 1997 concurrently with this effort. Their monitoring activities were concentrated in those areas of the Ogallala overlain by dry land farming. This combination of different monitoring priorities will allow both surveys to be combined at a later date to form a more complete picture of the regional ground water quality in the Ogallala Aquifer. As time permits this data will be incorporated into the final analysis for water quality in this area. Other efforts are also actively engaged in collecting ground water quality data. Unfortunately, this data is not always readily available due to concerns about privacy and future use of the data. The program hopes that as the monitoring effort continues and the public grows comfortable with our goals and intent, this valuable source of data will become available and enhance our understanding of the overall ground water quality of the state.

Recent development of confined animal feeding operations in the High Plains has heightened public awareness of the potential for impacts to water quality. The Program has responded to these concerns by offering technical assistance to local water quality groups, ground water management districts, and other local water suppliers and entities interested in evaluating water quality in their area. Presentations of how the program works, past and present water quality projects, and plans for future projects with request for local input are made at every opportunity. We consider this type of outreach an important part of the customer service component of the program.

FIELD OPERATIONS

SCHEDULING

All wells were scheduled for sampling by WQCD personnel between July 1997 and May, 1998. The exact dates for sampling were subject to laboratory schedules, sample holding times, well owner availability, and travel times.

SAMPLE WELL SELECTION

The rationale used in selecting wells for this monitoring project are listed below.

1. Low flow, domestic use wells are preferred;
2. Completed within the uppermost aquifer in the area;
3. Well currently in use or at least has a working pump installed;
4. Direction of ground water flow;
5. Wellhead and casing in good physical condition and availability of completion information documentation;
6. Wellhead area free of point sources of contamination;
7. Well owner consent to participate in the monitoring program;

The ground water contaminants of concern that may be encountered in the area include nitrates and pesticides, other contaminants may exist in minor amounts.

KEY PERSONNEL

The sampling survey was conducted by:

Brad Austin, Ground Water Geologist and Program Manager
John Colbert, Physical Sciences Tech

SITE ACCESS AND LOGISTICS

Access to the sampling sites and scheduling with land owners will be the responsibility of the field personnel. Consent for access to the property and for sampling the well will have been received prior to site entry.

QUALITY ASSURANCE / QUALITY CONTROL

SAMPLE COLLECTION METHODS

All samples were collected in accordance with the Non-Point Source Task Force protocol for sampling of ground water. Samples were collected from existing wells via outside hydrants or whatever means available prior to any type of treatment (i.e. water softener). As a rule of thumb, three times the volume of water in the well casing plus any volume contained within the associated piping was purged prior to sampling. Rather than attempt to calculate these volumes, a determination of when fresh formation water has reached the point of sampling was verified by measuring pH, conductivity and temperature. A field portable instrument for measuring pH, conductivity and temperature was used for this purpose at each well site. For each well, the pH, conductivity and temperature were measured at periodic intervals (approximately every 5 minutes) while the well was being purged. Water samples were collected when solution chemistry of the ground water had stabilized such that three consecutive readings were within 5%. It can be reasonably assumed that a stabilization in the values of these parameters indicates that the casing and piping have been purged and fresh formation water had reached the sampling point.

Negative bias (loss of constituent) is of significant concern in sampling for volatile compounds. Therefore, great care was taken in sample collection to minimize degassing by operating the sampling port at a low volume. Samples for volatile constituents and those samples which require field filtration were collected first. Samples for nitrate and inorganic analysis were collected next. Samples collected for dissolved metals analysis were filtered in the field with a 0.45 micron size filter.

In addition, the sampling team collected quality assurance samples consisting of field blanks and periodic duplicate samples. Field blanks were utilized for field QA/QC performance and subjected to all conditions to which the samples were exposed. Duplicate samples were prepared for lab calibration checks.

The following types of samples were provided for quality assurance:

1. Field Blank

A blank ground water sample was periodically collected to check field decontamination procedures. The blank was prepared by pouring laboratory supplied deionized water through decontaminated sampling equipment following the collection of possible contaminated samples.

2. Duplicates

Random duplicate groundwater samples were collected to compare laboratory analysis procedures as well as sample collection procedure.

Ground water samples were protected from undue exposure to light during handling, storage, and transport. Samples were stored on ice to prevent temperature extremes and transported to the CDA, or CSU laboratory and analyzed within the recommended holding periods. Documentation of actual sample storage and treatment were handled as part of the chain of custody procedures.

DECONTAMINATION PROCEDURES

Wells were sampled to minimize the potential for cross contamination. Decontamination procedures were adhered to between each sampling event. All common sampling equipment was decontaminated prior to and between all sampling events by washing with a non phosphate detergent and triple rinsing with deionized water. Since pesticides were the constituents of most concern due to the low levels detectable, no sampling equipment was common between wells for the pesticide sampling.

CONTROL OF CONTAMINATED MATERIALS

The sampling team disposed of all wastes produced during the investigation in accordance with Federal and State regulations. Disposable sampling equipment was bagged, removed from the site, and disposed of as a nonhazardous material.

LABORATORY ANALYSES

All water samples were analyzed for selected pesticides currently used in the area and basic inorganic minerals including nitrate. Table 3 provides a listing of the laboratories used, the chemicals analyzed by each, and their detection limits. All collected samples (classified as environmental samples) were transported to the designated laboratory as medium hazard and analyzed accordingly. EPA analytical methods for each parameter group were as follows:

pesticides	solid phase extraction: GC/MSD
inorganics	varies with analyte

Table 3 - Laboratories, Methods and Detection Levels

Colorado Department of Agriculture Standards Laboratory

PESTICIDE ANALYSIS

Pesticide Trade Name	Pesticide Common Name	Pesticide Use	Chemical Type	EPA Method	MDL (ug/L)	
Harness	Acetachlor	Herb	acetoalinide	525.1	0.1	
Lasso	Alachlor	Herb	OrganoCL	525.1	0.1	
AAtrex	Atrazine	Herb	Triazine	525.1	0.1	
	Deethyl Atrazine		Triazine	525.1	0.2	
	Deisopropyl Atrazine		Triazine	525.1	0.2	
	Balan	Benfluralin	Herb	OrganoFL	525.1	0.2
Hyvar	Bromacil	Herb	uracil	525.1	0.4	
Captane	Captan	Fungi	carboximide	525.1	1.4	
Lorsban	Chlorpyrifos	Insect	OrganoPH	525.1	0.1	
Bladex	Cyanazine	Herb	Triazine	525.1	0.2	
Dacthal	DCPA	Herb	phthalic acid	525.1	0.1	
Dazzel	Diazinon	Insect	OrganoPH	525.1	0.2	
Barrier Cygon	Dichlobenil	Herb	nitrile	525.1	0.1	
	Dimethoate	Insect	OrganoPH	525.1	0.5	
	p,p-DDT	Insect	OrganoCL	525.1	0.4	
	Endrin	Insect	OrganoCL	525.1	0.3	
	Heptachlor	Insect	OrganoCL	525.1	0.6	
	Heptachlor epoxide	Insect	OrganoCL	525.1	0.8	
	Velpar	Hexazinone	Herb	Triazine	525.1	0.1
	Gamma-mean	Lindane	Insect	OrganoCL	525.1	0.1
	Malathion	Malathion	Insect	OrganoPH	525.1	0.1
	Ridomil	Metalaxyl	Fungi	acylalanine	525.1	0.2
Marlate	Methoxychlor	Insect	OrganoCL	525.1	0.9	
Dual	Metolachlor	Herb	acetamide	525.1	0.1	
Sencor	Metribuzin	Herb	Triazine	525.1	0.5	
Prowl	Pendimethalin	Herb	dinitroaniline	525.1	1.2	
Primatol	Prometon	Herb	triazine	525.1	0.1	
Princep	Simazine	Herb	triazine	525.1	0.2	
Treflan	Trifluralin	Herb	OrganoFL	525.1	0.3	
Weed B Gone	2,4-D	Herb	PhenoxyAcid	515.2	0.2	
Banvel	Dicamba	Herb	BenzoicAcid	515.2	0.1	
Kilprop	MCPP	Herb	PhenoxyAcid	515.2	2.0	
Agritox	MCPA	Herb	PhenoxyAcid	515.2	2.0	
Tordon	Picloram	Herb	PicolinicAcid	515.2	0.35	

Table 3, continued - Laboratories, Methods and Detection Levels

Colorado Department of Agriculture Standards Laboratory

PESTICIDE ANALYSIS

Pesticide Trade Name	Pesticide Common Name	Pesticide Use	Chemical Type	EPA Method	MDL (ug/L)
Temik	Aldicarb	Insect	Carbamate	531.1	1.0
	Aldicarb sulfone		Carbamate	531.1	2.0
	Aldicarb sulfoxide		Carbamate	531.1	2.0
Sevin	Carbaryl	Insect	Carbamate	531.1	2.0
Furadan	Carbofuran	Insect	Carbamate	531.1	1.5
	3-Hydroxycarbofuran		Carbamate	531.1	2.0
	Methiocarb		Carbamate	531.1	4.0
Lannate	Methomyl	Insect	Carbamate	531.1	1.0
	1-Naphthol		Carbamate	531.1	1.0
DPX	Oxamyl	Insect	Carbamate	531.1	2.0
Baygon	Propoxur	Insect	Carbamate	531.1	1.0

INORGANIC ANALYSIS

	EPA Method	MDL (mg/L)
Nitrate/Nitrite as N	300	0.5

Colorado State University Soil, Water, and Plant Testing Laboratory

ROUTINE WATER ANALYSIS

Basic Water Quality Parameters	Method	Reporting Limit (mg/L)
Boron	EPA 200.0	0.01
Bicarbonate	APHA 2320B	0.1
Calcium	EPA 200.0	0.1
Carbonate	APHA 2320B	0.1
Chloride	EPA 300.0	0.1
Magnesium	EPA 200.0	0.1
Nitrate	EPA 300.0	0.1
pH	EPA 150.1	0.1 pH unit
Sodium	EPA 200.0	0.1
Specific conductance (TDS)	EPA 120.1	1.0 uS/cm
Sulfate	EPA 300.0	0.1
Potassium	EPA 200.0	0.1
Alkalinity, total	Titration	1.0
Solids, Total Dissolved	Gravimetric	10.0
Hardness, total as CaCO ₃	Calculation	1.0

Sample bottles were provided by the lab and were part of the quality control program. All samples were handled and preserved in accordance with the requirements of the laboratory used for that analysis. Calibration and operation of all monitoring equipment followed the instrument manufacturer's instructions.

CHAIN OF CUSTODY

All samples were handled in accordance with standard laboratory chain of custody protocol after collection and identification.

Appendix

WELL ID	COUNTY	Date	pH	conduct	calcium	magnesium	sodium	potassium	boron	carbonate	bicarbonate	sulfate
			0.1 pH ut	1.0 uo/cm	0.1 mg/l	0.1 mg/l	0.1 mg/l	0.1 mg/l	0.01 mg/l	0.1 mg/l	0.1 mg/l	0.1 mg/l
HP97-001	Kit Carson	6/19/97	7.6	750	82.3	27.7	36.7	4.2	0.15	<0.1	214.5	155.9
HP97-002	Kit Carson	6/19/97	7.6	1,090	89.3	96.0	4.9	5.6	0.15	<0.1	184.5	335.6
HP97-003	Kit Carson	6/19/97	7.5	725	65.3	47.1	2.7	3.3	0.08	<0.1	129.0	250.7
HP97-004	Kit Carson	6/14/97	7.7	653	67.4	4.9	35.1	4.7	0.16	<0.1	217.3	53.1
HP97-005	Kit Carson	6/20/97	7.5	295	47.1	28.3	9.6	3.4	0.10	<0.1	149.9	97.2
HP97-006	Kit Carson	7/7/97	7.5	316	40.6	7.6	14.5	3.8	0.12	<0.1	155.6	45.9
HP97-007	Kit Carson	7/7/97	7.8	305	42.3	11.7	12.2	3.9	0.11	<0.1	158.6	52.0
HP97-008	Kit Carson	7/8/97	7.4	288	42.2	8.2	11.9	3.6	0.11	<0.1	155.5	50.5
HP97-009	Kit Carson	7/8/97	7.4	286	36.5	7.9	18.4	3.5	0.11	<0.1	149.8	5.5
HP97-011	Kit Carson	7/8/97	7.6	415	54.7	16.2	7.4	4.9	0.13	<0.1	137.8	58.5
HP97-012	Kit Carson	7/8/97	7.4	292	47.6	9.5	9.5	3.8	0.10	<0.1	147.0	50.5
HP97-013	Kit Carson	7/8/97	7.4	300	38.4	7.8	17.4	4.0	0.11	<0.1	148.6	55.1
HP97-014	Kit Carson	7/8/97	7.8	295	42.2	9.5	12.5	4.0	0.11	<0.1	148.2	50.5
HP97-015	Kit Carson	7/9/97	7.9	330	45.6	11.1	11.7	4.1	0.12	<0.1	149.5	35.5
HP97-016	Kit Carson	7/14/97	7.6	371	37.0	10.7	27.5	3.1	0.10	<0.1	167.2	55.9
HP97-017	Kit Carson	7/15/97	7.6	380	52.5	14.1	21.4	3.3	0.08	<0.1	200.0	75.9
HP97-018	Kit Carson	7/15/97	7.5	325	32.9	8.7	40.3	2.8	0.11	<0.1	165.6	70.7
HP97-019	Kit Carson	7/15/97	7.7	775	122.5	21.3	28.1	4.3	0.07	<0.1	102.8	353.1
HP97-021	Kit Carson	7/15/97	7.5	305	36.7	7.7	29.6	2.7	0.09	<0.1	144.8	55.9
HP97-022	Kit Carson	7/15/97	7.8	350	49.2	11.3	24.0	3.1	0.08	<0.1	171.7	72.0
HP97-023	Kit Carson	7/15/97	7.4	341	30.7	11.3	37.3	2.6	0.11	<0.1	171.5	70.5
HP97-024	Kit Carson	7/15/97	7.4	310	28.1	7.3	34.4	2.5	0.09	<0.1	155.7	35.5
HP97-025	Kit Carson	7/16/97	7.7	485	92.3	11.2	6.3	3.1	0.04	<0.1	143.3	150.3
HP97-026	Kit Carson	7/16/97	7.6	315	41.2	10.3	20.3	2.6	0.07	<0.1	161.2	68.5
HP97-027	Kit Carson	7/21/97	7.2	465	65.1	17.8	23.3	3.4	0.08	<0.1	155.4	95.5
HP97-028	Kit Carson	7/21/97	7.5	310	49.1	9.1	14.0	2.4	0.04	<0.1	158.3	55.5
HP97-029	Kit Carson	7/22/97	7.3	310	43.5	11.2	21.2	2.8	0.07	<0.1	172.0	50.5
HP97-031	Kit Carson	7/22/97	7.5	322	37.4	9.4	21.2	2.7	0.06	<0.1	161.5	47.2
HP97-032	Kit Carson	7/22/97	7.4	313	33.0	8.0	27.2	2.6	0.10	<0.1	155.2	45.9

BDL - Below detection limit
listed at head of column

WELL ID	COUNTY	Date	pH	conduct	calcium	magnesium	sodium	potassium	boron	carbonate	bicarbonate	sulfate
			0.1 pH ut	1.0 uo/cm	0.1 mg/l	0.1 mg/l	0.1 mg/l	0.1 mg/l	0.01 mg/l	0.1 mg/l	0.1 mg/l	0.1 mg/l
HP97-033	Kit Carson	7/22/97	7.8	320	39.9	13.1	17.2	2.4	0.08	<0.1	159.9	42.0
HP97-034	Kit Carson	7/22/97	7.3	340	34.4	12.0	29.3	2.4	0.09	<0.1	170.4	60.5
HP97-035	Kit Carson	7/27/97	7.8	328	42.4	9.1	21.0	2.4	0.07	<0.1	158.4	55.4
HP97-036	Kit Carson	7/23/97	7.3	395	61.3	13.7	11.1	2.6	0.04	<0.1	156.7	65.3
HP97-037	Kit Carson	7/23/97	7.1	310	44.8	10.2	17.0	2.2	0.05	<0.1	151.0	68.5
HP97-038	Kit Carson	7/23/97	7.4	315	47.2	9.6	21.2	2.9	0.04	<0.1	161.9	75.8
HP97-039	Kit Carson	7/28/97	7.6	750	82.3	27.7	36.7	4.2	0.15	<0.1	214.5	155.9
HP97-041	Cheyenne	7/29/97	7.5	725	65.3	47.1	2.7	3.3	0.08	<0.1	129.0	250.7
HP97-042	Cheyenne	7/29/97	7.7	653	67.4	4.9	35.1	4.7	0.16	<0.1	217.3	53.1
HP97-043	Cheyenne	7/30/97	7.5	295	47.1	28.3	9.6	3.4	0.10	<0.1	149.9	97.2
HP97-044	Cheyenne	8/11/97	7.5	316	40.6	7.6	14.5	3.8	0.12	<0.1	155.6	20.5
HP97-045	Cheyenne	8/12/97	7.8	305	42.3	11.7	12.2	3.9	0.11	<0.1	158.6	52.0
HP97-046	Cheyenne	8/12/97	7.4	288	42.2	8.2	11.9	3.6	0.11	<0.1	155.5	50.5
HP97-047	Cheyenne	8/12/97	7.4	286	36.5	7.9	16.4	3.5	0.11	<0.1	149.8	5.5
HP97-048	Cheyenne	8/12/97	7.7	420	56.7	16.8	8.5	4.6	0.13	<0.1	145.0	50.3
HP97-049	Cheyenne	8/12/97	7.6	415	54.7	16.2	7.4	4.9	0.13	<0.1	137.8	58.5
HP97-051	Cheyenne	8/13/97	7.4	300	38.4	7.8	17.4	4.0	0.11	<0.1	148.6	45.1
HP97-052	Cheyenne	8/13/97	7.8	295	42.2	9.5	12.5	4.0	0.11	<0.1	148.2	25.5
HP97-053	Cheyenne	8/13/97	7.9	330	45.6	11.1	11.7	4.1	0.12	<0.1	149.5	35.5
HP97-054	Yuma	8/26/97	7.4	914	131.0	31.5	54.7	10.4	0.12	<0.1	262.3	45.0
HP97-055	Yuma	8/26/97	7.7	305	37.7	11.1	22.7	4.2	0.08	<0.1	171.7	48.5
HP97-056	Yuma	8/26/97	7.7	226	41.0	12.7	18.3	4.9	0.09	<0.1	179.5	55.7
HP97-057	Yuma	8/26/97	7.0	304	42.8	11.3	16.9	4.1	0.05	<0.1	154.9	54.5
HP97-058	Yuma	8/27/97	7.5	324	39.6	9.9	15.4	4.0	0.05	<0.1	137.4	70.2
HP97-059	Kit Carson	9/8/97	7.5	325	43.1	13.1	17.6	3.0	0.06	<0.1	179.3	50.1
HP97-061	Kit Carson	9/8/97	7.3	248	46.0	6.7	7.3	2.7	0.02	<0.1	132.6	50.5
HP97-062	Kit Carson	9/8/97	7.4	269	49.4	9.1	8.9	3.0	0.03	<0.1	151.2	45.6
HP97-063	Washington	9/9/97	7.4	353	56.0	11.0	11.1	3.7	0.04	<0.1	162.2	75.5
HP97-064	Washington	9/9/97	7.4	369	59.2	14.3	14.4	4.5	0.05	<0.1	174.8	98.5

BDL - Below detection limit
listed at head of column

WELL ID	COUNTY	Date	pH 0.1 pH ut	conduct 1.0 uo/cm	calcium 0.1 mg/l	magnesium 0.1 mg/l	sodium 0.1 mg/l	potassium 0.1 mg/l	boron 0.01 mg/l	carbonate 0.1 mg/l	bicarbonate 0.1 mg/l	sulfate 0.1 mg/l
HP97-065	Kit Carson	9/9/97	7.5	273	50.7	6.4	9.5	3.4	0.03	<0.1	142.2	45.6
HP97-066	Kit Carson	9/9/97	7.5	337	44.2	14.5	14.7	4.2	0.07	<0.1	176.6	70.3
HP97-067	Kit Carson	9/9/97	7.6	300	45.3	12.5	12.1	4.4	0.06	<0.1	179.6	76.5
HP97-068	Kit Carson	9/10/97	7.6	304	40.6	12.3	15.2	3.9	0.07	<0.1	168.6	70.0
HP97-069	Kit Carson	9/10/97	7.6	375	39.4	10.7	16.1	3.5	0.06	<0.1	154.7	71.5
HP97-071	Lincoln	9/16/97	7.5	350	66.5	7.8	10.5	1.8	0.03	<0.1	202.4	35.5
HP97-072	Lincoln	9/16/97	7.3	339	36.8	12.5	39.2	2.1	0.09	<0.1	190.3	50.2
HP97-073	Yuma	7/16/97	7.3	356	47.5	13.1	24.6	3.8	0.07	<0.1	187.0	55.6
HP97-074	Yuma	9/16/97	7.5	330	44.9	10.5	21.5	3.4	0.50	<0.1	157.1	52.3
HP97-075	Yuma	9/17/97	7.7	306	41.3	13.2	22.5	4.0	0.06	<0.1	220.3	42.7
HP97-076	Yuma	9/17/97	7.7	289	42.5	10.2	21.3	4.2	0.06	<0.1	179.4	55.1
HP97-077	Yuma	9/17/97	7.5	317	41.9	12.7	17.4	4.2	0.08	<0.1	175.1	45.0
HP97-078	Yuma	9/17/97	7.0	328	42.7	12.0	16.7	4.5	0.08	<0.1	169.0	50.5
HP97-079	Yuma	9/17/97	7.5	317	45.4	11.0	13.2	3.1	0.06	<0.1	163.5	35.2
HP97-081	Yuma	9/29/97	7.4	320	43.7	14.8	10.6	6.7	0.09	<0.1	176.1	30.1
HP97-082	Yuma	9/29/97	7.1	275	41.6	11.2	12.5	6.3	0.08	<0.1	168.7	38.5
HP97-083	Yuma	9/30/97	7.5	390	83.8	10.2	8.3	5.6	0.06	<0.1	192.5	95.6
HP97-084	Yuma	9/30/97	7.4	580	81.9	24.3	30.2	9.1	0.09	<0.1	235.6	142.5
HP97-085	Yuma	9/30/97	7.1	425	65.0	17.6	15.6	7.4	0.12	<0.1	189.3	77.2
HP97-086	Yuma	9/30/97	7.5	375	61.0	13.6	14.3	6.1	0.08	<0.1	188.8	65.1
HP97-087	Yuma	9/30/97	7.5	400	64.0	16.3	19.2	8.3	0.09	<0.1	220.9	77.5
HP97-088	Yuma	10/1/97	7.3	405	72.9	15.9	14.2	7.9	0.06	<0.1	215.7	80.1
HP97-089	Yuma	10/1/97	7.2	280	49.2	12.3	10.2	5.2	0.06	<0.1	173.6	45.2
HP97-091	Yuma	10/14/97	8.0	327	45.9	13.3	10.9	5.2	0.04	<0.1	126.5	69.2
HP97-092	Yuma	10/15/97	7.8	336	50.2	11.1	8.2	5.9	0.02	<0.1	125.2	85.2
HP97-093	Yuma	10/15/97	8.0	295	44.9	13.1	9.1	6.2	0.03	<0.1	135.2	71.5
HP97-094	Yuma	10/15/97	8.1	295	45.5	12.5	9.8	5.8	0.02	<0.1	162.4	62.3
HP97-095	Yuma	10/21/97	8.0	360	56.5	12.5	11.7	6.5	0.02	<0.1	128.2	99.1
HP97-096	Phillips	10/22/97	8.0	287	52.1	7.9	10.6	5.6	0.02	<0.1	135.2	80.1

BDL - Below detection limit
listed at head of column

WELL ID	COUNTY	Date	pH	conduct	calcium	magnesium	sodium	potassium	boron	carbonate	bicarbonate	sulfate
			0.1 pH ut	1.0 uo/cm	0.1 mg/l	0.1 mg/l	0.1 mg/l	0.1 mg/l	0.01 mg/l	0.1 mg/l	0.1 mg/l	0.1 mg/l
HP97-097	Phillips	10/22/97	8.0	295	52.1	9.1	10.9	4.6	0.04	<0.1	147.2	45.5
HP97-098	Logan	10/22/97	8.0	320	44.4	10.4	18.7	3.3	0.04	<0.1	135.7	69.5
HP97-099	Logan	10/23/97	8.0	260	44.4	9.2	4.7	4.1	<0.01	<0.1	152.3	25.6
HP97-101	Phillips	10/23/97	7.9	263	40.3	10.0	11.0	5.0	0.03	<0.1	136.0	41.6
HP97-102	Phillips	10/23/97	7.8	353	60.3	10.0	12.5	5.9	0.03	<0.1	139.0	85.3
HP97-103	Phillips	10/23/97	8.1	253	36.5	7.2	14.8	4.2	0.06	<0.1	120.1	19.2
HP97-104	Sedgwick	11/3/97	7.9	381	63.5	12.8	7.8	5.3	0.01	<0.1	146.4	95.9
HP97-105	Sedgwick	11/4/97	8.0	296	49.1	10.3	12.2	5.0	0.02	<0.1	111.1	74.1
HP97-106	Sedgwick	11/4/97	7.9	295	49.2	10.7	12.7	5.3	0.02	<0.1	136.5	65.2
HP97-107	Sedgwick	11/4/97	8.1	285	50.5	10.4	7.3	5.0	<0.01	<0.1	125.6	61.6
HP97-108	Sedgwick	11/5/97	8.0	279	43.8	10.2	12.5	5.5	0.03	<0.1	121.1	62.3
HP97-109	Sedgwick	11/5/97	7.9	350	47.9	10.4	15.6	6.0	0.03	<0.1	110.2	85.9
HP97-111	Baca	11/18/97	7.5	1,170	146.8	47.1	77.6	4.3	0.25	<0.1	171.3	522.5
HP97-112	Baca	11/18/97	7.7	458	69.4	8.4	9.7	3.1	0.06	<0.1	129.0	125.1
HP97-113	Baca	11/18/97	7.7	710	129.2	21.5	15.5	4.0	0.07	<0.1	112.1	286.5
HP97-114	Baca	11/18/97	7.5	840	118.6	24.5	49.8	3.8	0.21	<0.1	147.2	354.0
HP97-115	Baca	11/18/97	7.7	3150	329	131	360.1	5.5	1.33	<0.1	260.1	1540.2
HP97-116	Baca	11/18/97	7.4	990	144.96	39.9	68.2	4.4	0.22	<0.1	164.3	435.6
HP97-117	Baca	11/18/97	7.4	989	115.0	40.0	81.7	4.8	0.27	<0.1	160.4	465.4
HP97-118	Baca	11/18/97	7.4	1,230	170.6	40.0	93.7	4.5	0.31	<0.1	161.2	586.9
HP97-119	Baca	11/18/97	7.3	1,200	187.0	45.1	82.9	4.0	0.38	<0.1	203.5	641.8
HP97-122	Phillips	12/2/97	7.7	450	73.6	13.1	12.3	6.7	0.08	<0.1	137.7	125.6
HP97-123	Phillips	12/2/97	7.8	480	58.1	10.1	15.6	5.7	0.08	<0.1	148.6	80.7
HP97-124	Phillips	12/2/97	7.9	302	37.7	8.3	9.2	5.3	0.04	<0.1	116.5	55.6
HP97-125	Yuma	3/17/98	7.7	326	34.7	10.4	14.2	7.3	0.09	<0.1	175.0	10.2
HP97-126	Yuma	3/18/98	7.7	298	28.2	12.5	13.8	6.7	0.05	<0.1	165.3	8.4
HP97-127	Yuma	3/18/98	7.5	403	35.7	14.2	27.1	7.2	0.09	<0.1	216.3	8.3
HP97-128	Yuma	3/18/98	7.7	347	35.0	14.9	13.8	5.7	0.04	<0.1	187.3	6.5
HP97-129	Yuma	3/18/98	7.7	275	25.6	12.0	11.8	5.7	0.04	<0.1	155.1	6.4

BDL - Below detection limit
listed at head of column

WELL ID	COUNTY	Date	pH 0.1 pH ut	conduct 1.0 uo/cm	calcium 0.1 mg/l	magnesium 0.1 mg/l	sodium 0.1 mg/l	potassium 0.1 mg/l	boron 0.01 mg/l	carbonate 0.1 mg/l	bicarbonate 0.1 mg/l	sulfate 0.1 mg/l
HP97-131	Yuma	4/13/98	7.8	302	30.2	12.1	14.0	7.1		<0.1	167.3	9.8
HP97-132	Yuma	4/13/98	7.8	331	31.5	13.6	15.5	7.5		<0.1	172.3	11.7
HP97-133	Yuma	4/14/98	7.7	337	33.1	13.9	13.8	8.0		<0.1	190.4	12.8
HP97-134	Yuma	4/14/98	7.7	328	35.9	12.2	15.1	8.0		<0.1	188.7	12.1
HP97-135	Yuma	4/14/98	7.7	301	36.7	10.5	10.1	6.9		<0.1	170.3	18.2
HP97-136	Yuma	4/14/98	7.7	337	39.8	10.8	17.1	6.9		<0.1	179.7	14.9
HP97-137	Yuma	4/14/98	7.7	443	36.5	13.8	40.0	8.1		<0.1	196.6	46.7
HP97-138	Baca	5/5/98	7.4	712	84.3	26.6	23.6	2.9	0.11	<0.1	159.5	172.1
HP97-139	Baca	5/5/98	7.6	1,010	121.3	42.5	35.4	3.9	0.10	<0.1	153.5	309.4
HP97-141	Baca	5/5/98	7.6	425	36.2	21.4	18.7	2.1	0.13	<0.1	187.5	44.5
HP97-142	Baca	5/5/98	7.7	463	37.3	26.1	24.6	2.4	0.15	<0.1	215.9	44.1
HP97-143	Baca	5/6/98	7.6	1,250	121.6	43.2	117.6	4.4	0.49	<0.1	196.3	497.7
HP97-144	Baca	5/6/98	7.5	2,860	283.8	24.2	269.2	7.6	0.76	<0.1	214.0	1022.1

BDL - Below detection limit
listed at head of column

WELL ID	chlorine 0.1 mg/l	hardness 1.0 mg/l	alkalinity 1.0 mg/l	diss. solids 10.0 mg/l	Nitrate as N 0.5 mg/L	Acetachlor 0.1 ug/L	Alachlor 0.1 ug/L	Atrazine 0.1 ug/L	Deethyl At 0.2 ug/L	Deisopropyl At 0.2 ug/L
HP97-001	39.9	319	176	563	8.9	BDL	BDL	BDL	BDL	BDL
HP97-002	115.5	618	151	833	7.9	BDL	BDL	BDL	BDL	BDL
HP97-003	5.3	356	106	505	7.3	BDL	BDL	BDL	BDL	BDL
HP97-004	15.9	188	178	400	5.1	BDL	BDL	BDL	BDL	BDL
HP97-005	1.7	234	123	339	3.1	BDL	BDL	BDL	BDL	BDL
HP97-006	3.7	133	128	272	2.8	BDL	BDL	BDL	BDL	BDL
HP97-007	2.8	154	130	286	3.1	BDL	BDL	BDL	BDL	BDL
HP97-008	3.9	139	127	279	2.4	BDL	BDL	BDL	BDL	BDL
HP97-009	35.7	123	123	268	2.6	BDL	BDL	BDL	BDL	BDL
HP97-011	31.3	203	113	323	6.7	BDL	BDL	BDL	BDL	BDL
HP97-012	2.5	158	113	273	2.9	BDL	BDL	BDL	BDL	BDL
HP97-013	1.6	128	120	275	2.7	BDL	BDL	BDL	BDL	BDL
HP97-014	0.0	144	122	270	2.4	BDL	BDL	BDL	BDL	BDL
HP97-015	11.1	159	121	271	2.7	BDL	BDL	BDL	BDL	BDL
HP97-016	5.0	136	137	307	1.8	BDL	BDL	BDL	BDL	BDL
HP97-017	2.2	189	164	370	2.3	BDL	BDL	BDL	BDL	BDL
HP97-018	7.7	118	136	330	2.1	BDL	BDL	BDL	BDL	BDL
HP97-019	5.1	393	84	639	32.8	BDL	BDL	BDL	BDL	BDL
HP97-021	6.0	123	119	286	2.5	BDL	BDL	BDL	BDL	BDL
HP97-022	3.0	169	141	337	2.1	BDL	BDL	BDL	BDL	BDL
HP97-023	3.7	123	141	330	1.9	BDL	BDL	BDL	BDL	BDL
HP97-024	3.9	100	128	270	2.0	BDL	BDL	BDL	BDL	BDL
HP97-025	2.1	276	117	415	13.8	BDL	BDL	BDL	BDL	BDL
HP97-026	2.1	145	113	313	1.8	BDL	BDL	BDL	BDL	BDL
HP97-027	22.8	236	127	386	13.4	BDL	BDL	BDL	BDL	BDL
HP97-028	2.3	160	130	293	2.7	BDL	BDL	BDL	BDL	BDL
HP97-029	2.1	155	141	307	1.9	BDL	BDL	BDL	BDL	BDL
HP97-031	1.7	132	132	284	1.9	BDL	BDL	BDL	BDL	BDL
HP97-032	1.3	115	127	279	1.8	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	chlorine 0.1 mg/l	hardness 1.0 mg/l	alkalinity 1.0 mg/l	diss. solids 10.0 mg/l	Nitrate as N 0.5 mg/L	Acetachlor 0.1 ug/L	Alachlor 0.1 ug/L	Atrazine 0.1 ug/L	Deethyl At 0.2 ug/L	Deisopropyl At 0.2 ug/L
HP97-033	1.9	153	131	284	1.8	BDL	BDL	BDL	BDL	BDL
HP97-034	3.4	135	140	320	1.9	BDL	BDL	BDL	BDL	BDL
HP97-035	2.4	143	130	300	2.2	BDL	BDL	BDL	BDL	BDL
HP97-036	14.4	209	128	330	4.9	BDL	BDL	BDL	BDL	BDL
HP97-037	2.6	154	113	299	2.3	BDL	BDL	BDL	BDL	BDL
HP97-038	2.6	157	113	324	2.8	BDL	BDL	BDL	BDL	BDL
HP97-039	39.9	319	176	563	1.8	BDL	BDL	BDL	BDL	BDL
HP97-041	5.3	356	106	506	2.3	BDL	BDL	BDL	BDL	BDL
HP97-042	15.9	188	178	400	2.2	BDL	BDL	BDL	BDL	BDL
HP97-043	1.7	234	123	340	2.3	BDL	BDL	BDL	BDL	BDL
HP97-044	3.7	133	128	254	8.1	BDL	BDL	BDL	BDL	BDL
HP97-045	2.8	154	130	287	3.8	BDL	BDL	BDL	BDL	BDL
HP97-046	3.9	139	127	279	3.3	BDL	BDL	0.14	BDL	BDL
HP97-047	35.7	123	123	259	3.2	BDL	BDL	BDL	BDL	BDL
HP97-048	27.0	211	119	311	2.3	BDL	BDL	BDL	BDL	BDL
HP97-049	31.3	203	113	313	2.4	BDL	BDL	BDL	BDL	BDL
HP97-051	1.6	128	120	267	4.4	BDL	BDL	BDL	BDL	BDL
HP97-052	0.0	144	122	255	14.0	BDL	BDL	BDL	0.1	BDL
HP97-053	11.1	159	121	273	4.9	BDL	BDL	BDL	BDL	BDL
HP97-054	35.8	456	215	580	9.4	BDL	BDL	BDL	BDL	BDL
HP97-055	2.8	140	141	301	2.2	BDL	BDL	BDL	BDL	BDL
HP97-056	3.8	155	147	319	2.6	BDL	BDL	BDL	BDL	BDL
HP97-057	4.4	153	127	294	4.3	BDL	BDL	BDL	BDL	BDL
HP97-058	2.3	140	113	281	1.9	BDL	BDL	BDL	BDL	BDL
HP97-059	4.8	161	147	314	2.8	BDL	BDL	BDL	BDL	BDL
HP97-061	2.9	142	109	253	3.4	BDL	BDL	BDL	BDL	BDL
HP97-062	2.8	161	124	273	2.3	BDL	BDL	BDL	BDL	BDL
HP97-063	8.9	185	133	336	6.7	BDL	BDL	BDL	0.1	BDL
HP97-064	10.1	207	113	382	5.4	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	chlorine 0.1 mg/l	hardness 1.0 mg/l	alkalinity 1.0 mg/l	diss. solids 10.0 mg/l	Nitrate as N 0.5 mg/L	Acetachlor 0.1 ug/L	Alachlor 0.1 ug/L	Atrazine 0.1 ug/L	Deethyl At 0.2 ug/L	Deisopropyl At 0.2 ug/L
HP97-065	9.0	153	113	271	3.5	BDL	BDL	BDL	BDL	BDL
HP97-066	4.3	170	113	334	4.3	BDL	BDL	BDL	BDL	BDL
HP97-067	5.2	164	113	339	2.7	BDL	BDL	BDL	BDL	BDL
HP97-068	3.4	152	113	317	2.4	BDL	BDL	BDL	BDL	BDL
HP97-069	7.5	142	113	306	2.3	BDL	BDL	BDL	BDL	BDL
HP97-071	7.2	198	166	338	3.3	BDL	BDL	BDL	BDL	BDL
HP97-072	5.3	143	156	337	1.6	BDL	BDL	BDL	BDL	BDL
HP97-073	21.5	172	153	369	3.6	BDL	BDL	BDL	BDL	BDL
HP97-074	7.2	155	129	303	2.1	BDL	BDL	BDL	BDL	BDL
HP97-075	2.6	157	181	361	1.9	BDL	BDL	BDL	BDL	BDL
HP97-076	3.2	148	147	322	2.0	BDL	BDL	BDL	BDL	BDL
HP97-077	3.4	157	144	305	2.1	BDL	BDL	BDL	BDL	BDL
HP97-078	6.2	156	139	306	2.3	BDL	BDL	BDL	BDL	BDL
HP97-079	12.7	158	134	286	2.3	BDL	BDL	BDL	BDL	BDL
HP97-081	1.9	170	144	290	6.3	BDL	BDL	BDL	BDL	BDL
HP97-082	1.4	150	138	281	1.2	BDL	BDL	BDL	BDL	BDL
HP97-083	7.5	251	158	420	15.3	BDL	BDL	0.1	1.3	BDL
HP97-084	25.9	304	193	555	5.4	BDL	BDL	BDL	BDL	BDL
HP97-085	13.5	235	155	400	13.4	BDL	BDL	BDL	BDL	BDL
HP97-086	3.7	208	155	359	6.4	BDL	BDL	BDL	BDL	BDL
HP97-087	3.1	227	181	415	5.1	BDL	BDL	BDL	BDL	BDL
HP97-088	3.5	247	177	415	4.4	BDL	BDL	BDL	0.12	BDL
HP97-089	1.9	173	142	299	1.5	BDL	BDL	BDL	BDL	BDL
HP97-091	3.5	169	104	280	4.5	BDL	BDL	BDL	0.18	BDL
HP97-092	4.4	171	103	292	1.7	BDL	BDL	BDL	BDL	BDL
HP97-093	4.0	166	111	285	1.4	BDL	BDL	BDL	BDL	BDL
HP97-094	1.7	165	133	302	1.8	BDL	BDL	BDL	BDL	BDL
HP97-095	1.3	192	105	321	4.1	BDL	BDL	BDL	BDL	BDL
HP97-096	2.2	162	111	296	2.3	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	chlorine 0.1 mg/l	hardness 1.0 mg/l	alkalinity 1.0 mg/l	diss. solids 10.0 mg/l	Nitrate as N 0.5 mg/L	Acetachlor 0.1 ug/L	Alachlor 0.1 ug/L	Atrazine 0.1 ug/L	Deethyl At 0.2 ug/L	Deisopropyl At 0.2 ug/L
HP97-097	17.6	167	121	289	2.0	BDL	BDL	BDL	BDL	BDL
HP97-098	8.0	154	111	294	3.5	BDL	BDL	BDL	BDL	BDL
HP97-099	7.9	149	125	253	3.8	BDL	BDL	BDL	BDL	BDL
HP97-101	13.2	142	111	259	1.9	BDL	BDL	BDL	BDL	BDL
HP97-102	3.4	192	114	320	3.3	BDL	BDL	BDL	BDL	BDL
HP97-103	31.2	121	98	237	3.1	BDL	BDL	BDL	BDL	BDL
HP97-104	10.9	211	120	349	5.0	BDL	BDL	BDL	BDL	BDL
HP97-105	13.9	165	91	276	2.1	BDL	BDL	BDL	BDL	BDL
HP97-106	3.9	167	112	286	2.0	BDL	BDL	BDL	BDL	BDL
HP97-107	3.8	169	103	267	2.2	BDL	BDL	BDL	BDL	BDL
HP97-108	4.0	151	99	262	1.9	BDL	BDL	BDL	BDL	BDL
HP97-109	4.8	162	90	284	2.1	BDL	BDL	BDL	BDL	BDL
HP97-111	19.7	560	140	991	1.5	BDL	BDL	0.3	BDL	BDL
HP97-112	4.2	208	106	352	2.6	BDL	BDL	BDL	BDL	BDL
HP97-113	31.8	411	92	605	3.8	BDL	BDL	BDL	BDL	BDL
HP97-114	23.3	397	121	725	3.7	BDL	BDL	2.4	BDL	BDL
HP97-115	207.7	1,360	213	2,860	22.9	BDL	BDL	3.9	BDL	BDL
HP97-116	21.1	526	135	881	2.0	BDL	BDL	BDL	BDL	BDL
HP97-117	23.8	451	131	893	1.4	BDL	BDL	BDL	BDL	BDL
HP97-118	66.1	590	132	1,130	6.3	BDL	BDL	2.8	BDL	BDL
HP97-119	2.4	652	167	1,173	5.1	BDL	BDL	1.3	BDL	BDL
HP97-122	26.6	237	113	401	5.4	BDL	BDL	BDL	BDL	BDL
HP97-123	16.8	186	122	340	4.3	BDL	BDL	BDL	BDL	BDL
HP97-124	2.3	128	95	236	1.3	BDL	BDL	BDL	BDL	BDL
HP97-125	4.4	132	144	289	2.4	BDL	BDL	BDL	BDL	BDL
HP97-126	2.0	121	136	244	1.7	BDL	BDL	BDL	BDL	BDL
HP97-127	2.8	150	178	332	4.7	BDL	BDL	BDL	BDL	BDL
HP97-128	3.4	148	154	287	4.4	BDL	BDL	BDL	BDL	BDL
HP97-129	1.9	114	127	224	1.4	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	chlorine 0.1 mg/l	hardness 1.0 mg/l	alkalinity 1.0 mg/l	diss. solids 10.0 mg/l	Nitrate as N 0.5 mg/L	Acetachlor 0.1 ug/L	Alachlor 0.1 ug/L	Atrazine 0.1 ug/L	Deethyl At 0.2 ug/L	Deisopropyl At 0.2 ug/L
HP97-131	2.9	125	137	252	1.7	BDL	BDL	BDL	BDL	BDL
HP97-132	5.6	135	141	267	2.0	BDL	BDL	BDL	BDL	BDL
HP97-133	1.7	140	156	280	1.3	BDL	BDL	BDL	BDL	BDL
HP97-134	2.0	140	155	280	1.4	BDL	BDL	BDL	BDL	BDL
HP97-135	2.0	135	140	265	1.9	BDL	BDL	BDL	BDL	BDL
HP97-136	4.4	144	147	284	2.1	BDL	BDL	BDL	BDL	BDL
HP97-137	5.8	148	161	358	2.1	BDL	BDL	BDL	BDL	BDL
HP97-138	47.9	320	131	535	3.9	BDL	BDL	BDL	BDL	BDL
HP97-139	68.7	477	126	762	6.0	BDL	BDL	0.12	BDL	BDL
HP97-141	6.7	178	154	327	2.1	BDL	BDL	BDL	BDL	BDL
HP97-142	9.4	200	177	370	2.2	BDL	BDL	BDL	BDL	BDL
HP97-143	76.2	481	161	1,091	7.7	BDL	BDL	BDL	0.29	BDL
HP97-144	125.1	833	175	2,052	20.3	BDL	BDL	0.61	0.75	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Benfluralin 0.2 ug/L	Bromacil 0.4 ug/L	Captan 1.4 ug/L	Chlorpyrifos 0.1 ug/L	Cyanazine 0.2 ug/L	DCPA 0.1 ug/L	Diazinon 0.2 ug/L	Dichlobenil 0.1 ug/L	Dimethoate 0.5 ug/L	p,p-DDT 0.4 ug/L
HP97-001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-002	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-003	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-004	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-023	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-024	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-026	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-027	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-029	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-031	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Benfluralin 0.2 ug/L	Bromacil 0.4 ug/L	Captan 1.4 ug/L	Chlorpyrifos 0.1 ug/L	Cyanazine 0.2 ug/L	DCPA 0.1 ug/L	Diazinon 0.2 ug/L	Dichlobenil 0.1 ug/L	Dimethoate 0.5 ug/L	p,p-DDT 0.4 ug/L
HP97-033	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-034	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-035	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-041	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-045	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-047	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-048	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-052	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-053	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-054	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-056	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-057	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-059	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-061	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-064	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Benfluralin 0.2 ug/L	Bromacil 0.4 ug/L	Captan 1.4 ug/L	Chlorpyrifos 0.1 ug/L	Cyanazine 0.2 ug/L	DCPA 0.1 ug/L	Diazinon 0.2 ug/L	Dichlobenil 0.1 ug/L	Dimethoate 0.5 ug/L	p,p-DDT 0.4 ug/L
HP97-065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-066	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-067	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-068	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-069	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-071	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-073	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-074	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-075	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-076	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-077	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-078	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-079	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-081	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-082	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-083	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-084	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-085	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-086	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-087	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-089	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-091	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-092	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-093	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-094	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-095	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-096	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Benfluralin 0.2 ug/L	Bromacil 0.4 ug/L	Captan 1.4 ug/L	Chlorpyrifos 0.1 ug/L	Cyanazine 0.2 ug/L	DCPA 0.1 ug/L	Diazinon 0.2 ug/L	Dichlobenil 0.1 ug/L	Dimethoate 0.5 ug/L	p,p-DDT 0.4 ug/L
HP97-087	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-089	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-101	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-102	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-103	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-104	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-105	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-106	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-107	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-108	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-109	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-111	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-112	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-113	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-114	BDL	0.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-115	BDL	0.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-116	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-117	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-118	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-119	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-122	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-123	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-124	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-125	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-126	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-127	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-128	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-129	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Benfluralin	Bromacil	Captan	Chlorpyrifos	Cyanazine	DCPA	Diazinon	Dichlobenil	Dimethoate	p,p-DDT
	0.2 ug/L	0.4 ug/L	1.4 ug/L	0.1 ug/L	0.2 ug/L	0.1 ug/L	0.2 ug/L	0.1 ug/L	0.5 ug/L	0.4 ug/L
HP97-131	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-132	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-133	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-134	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-135	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-136	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-137	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-138	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-139	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-141	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-142	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-143	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-144	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Endrin 0.3 ug/L	Heptachlor 0.6 ug/L	Heptachlor epox 0.8 ug/L	Hexazinone 0.1 ug/L	Lindane 0.1 ug/L	Malathion 0.1 ug/L	Metalaxyl 0.2 ug/L	Methoxychlor 0.9 ug/L	Metolachlor 0.1 ug/L	Metribuzin 0.5 ug/L	Pendimethalin 1.2 ug/L
HP97-001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-002	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-003	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-004	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-023	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-024	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-026	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-027	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-029	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-031	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Endrin 0.3 ug/L	Heptachlor 0.6 ug/L	Heptachlor epox 0.8 ug/L	Hexazinone 0.1 ug/L	Lindane 0.1 ug/L	Malathion 0.1 ug/L	Metalaxyl 0.2 ug/L	Methoxychlor 0.9 ug/L	Metolachlor 0.1 ug/L	Metribuzin 0.5 ug/L	Pendimethalin 1.2 ug/L
HP97-033	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-034	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-035	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-041	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-045	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-047	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-048	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-052	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-053	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-054	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-056	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-057	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-059	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-061	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-064	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Endrin 0.3 ug/L	Heptachlor 0.6 ug/L	Heptachlor epox 0.8 ug/L	Hexazinone 0.1 ug/L	Lindane 0.1 ug/L	Malathion 0.1 ug/L	Metalaxyl 0.2 ug/L	Methoxychlor 0.9 ug/L	Metolachlor 0.1 ug/L	Metribuzin 0.5 ug/L	Pendimethalin 1.2 ug/L
HP97-065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-066	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-067	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-068	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-069	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-071	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-073	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-074	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-075	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-076	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-077	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-078	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-079	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-081	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-082	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-083	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-084	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-085	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-086	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-087	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-089	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-091	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-092	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-093	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-094	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-095	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-096	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Endrin 0.3 ug/L	Heptachlor 0.6 ug/L	Heptachlor epox 0.8 ug/L	Hexazinone 0.1 ug/L	Lindane 0.1 ug/L	Malathion 0.1 ug/L	Metalaxyl 0.2 ug/L	Methoxychlor 0.9 ug/L	Metolachlor 0.1 ug/L	Metribuzin 0.5 ug/L	Pendimethalin 1.2 ug/L
HP97-097	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-098	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-099	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-101	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-102	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-103	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-104	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-105	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-106	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-107	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-108	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-109	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-111	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-112	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-113	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-114	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-115	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-116	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-117	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-118	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-119	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-122	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-123	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-124	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-125	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-126	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-127	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-128	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-129	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Endrin 0.3 ug/L	Heptachlor 0.6 ug/L	Heptachlor epox 0.8 ug/L	Hexazinone 0.1 ug/L	Lindane 0.1 ug/L	Malathion 0.1 ug/L	Metalaxyl 0.2 ug/L	Methoxychlor 0.9 ug/L	Metolachlor 0.1 ug/L	Metribuzin 0.5 ug/L	Pendimethalin 1.2 ug/L
HP97-131	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-132	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-133	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-134	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-135	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-136	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-137	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-138	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-139	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-141	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-142	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-143	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-144	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Prometone 0.1 ug/L	Simazine 0.2 ug/L	Trifluralin 0.3 ug/L	2,4-D 0.2 ug/L	Dicamba 0.1 ug/L	MCPP 2.0 ug/L	MCPA 2.0 ug/L	Picloram 0.35 ug/l	Aldicarb 1.0 ug/L	Aldicarb Sulfone 2.0 ug/L	Aldicarb Sulfoxide 2.0 ug/L
HP97-001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-002	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-003	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-004	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-023	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-024	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-026	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-027	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-029	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-031	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Prometone 0.1 ug/L	Simazine 0.2 ug/L	Trifluralin 0.3 ug/L	2,4-D 0.2 ug/L	Dicamba 0.1 ug/L	MCPP 2.0 ug/L	MCPA 2.0 ug/L	Picloram 0.35 ug/l	Aldicarb 1.0 ug/L	Aldicarb Sulfone 2.0 ug/L	Aldicarb Sulfoxide 2.0 ug/L
HP97-033	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-034	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-035	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-041	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-045	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-047	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-048	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-052	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-053	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-054	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-056	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-057	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-059	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-061	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-064	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Prometone 0.1 ug/L	Simazine 0.2 ug/L	Trifluralin 0.3 ug/L	2,4-D 0.2 ug/L	Dicamba 0.1 ug/L	MCPP 2.0 ug/L	MCPA 2.0 ug/L	Picloram 0.35 ug/l	Aldicarb 1.0 ug/L	Aldicarb Sulfone 2.0 ug/L	Aldicarb Sulfoxide 2.0 ug/L
HP97-065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-066	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-067	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-068	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-069	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-071	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-073	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-074	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-075	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-076	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-077	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-078	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-079	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-081	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-082	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-083	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-084	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-085	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-086	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-087	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-089	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-091	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-092	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-093	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-094	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-095	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-096	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Prometone 0.1 ug/L	Simazine 0.2 ug/L	Trifluralin 0.3 ug/L	2,4-D 0.2 ug/L	Dicamba 0.1 ug/L	MCPP 2.0 ug/L	MCPA 2.0 ug/L	Picloram 0.35 ug/l	Aldicarb 1.0 ug/L	Aldicarb Sulfone 2.0 ug/L	Aldicarb Sulfoxide 2.0 ug/L
HP97-097	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-098	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-099	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-101	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-102	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-103	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-104	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-105	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-106	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-107	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-108	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-109	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-111	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-112	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-113	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-114	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-115	1.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-116	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-117	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-118	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-119	0.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-122	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-123	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-124	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-125	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-126	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-127	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-128	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-129	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Prometone 0.1 ug/L	Simazine 0.2 ug/L	Trifluralin 0.3 ug/L	2,4-D 0.2 ug/L	Dicamba 0.1 ug/L	MCPP 2.0 ug/L	MCPA 2.0 ug/L	Picloram 0.35 ug/l	Aldicarb 1.0 ug/L	Aldicarb Sulfone 2.0 ug/L	Aldicarb Sulfoxide 2.0 ug/L
HP97-131	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-132	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-133	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-134	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-135	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-136	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-137	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-138	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-139	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-141	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-142	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-143	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-144	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Carbaryl	Carbofuran	3-Hydroxycarbofuran	Methiocarb	Methomyl	Naphthol	Oxamyl	Propoxur
	2.0 ug/L	1.5 ug/L	2.0 ug/L	4.0 ug/L	1.0 ug/L	1.0 ug/L	2.0 ug/L	1.0 ug/L
HP97-001	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-002	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-003	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-004	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-007	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-009	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-011	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-012	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-016	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-017	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-023	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-024	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-026	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-027	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-029	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-031	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-032	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Carbaryl	Carbofuran	3-Hydroxycarbofuran	Methiocarb	Methomyl	Naphthol	Oxamyl	Propoxur
	2.0 ug/L	1.5 ug/L	2.0 ug/L	4.0 ug/L	1.0 ug/L	1.0 ug/L	2.0 ug/L	1.0 ug/L
HP97-033	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-034	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-035	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-037	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-041	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-043	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-045	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-046	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-047	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-048	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-049	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-052	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-053	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-054	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-056	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-057	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-059	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-061	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-062	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-064	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Carbaryl 2.0 ug/L	Carbofuran 1.5 ug/L	3-Hydroxycarbofuran 2.0 ug/L	Methiocarb 4.0 ug/L	Methomyl 1.0 ug/L	Naphthol 1.0 ug/L	Oxamyl 2.0 ug/L	Propoxur 1.0 ug/L
HP97-065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-066	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-067	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-068	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-069	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-071	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-072	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-073	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-074	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-075	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-076	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-077	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-078	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-078	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-081	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-082	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-083	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-084	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-085	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-086	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-087	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-088	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-089	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-091	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-092	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-093	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-094	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-095	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-096	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Carbaryl	Carbofuran	3-Hydroxycarbofuran	Methiocarb	Methomyl	Naphthol	Oxamyl	Propoxur
	2.0 ug/L	1.5 ug/L	2.0 ug/L	4.0 ug/L	1.0 ug/L	1.0 ug/L	2.0 ug/L	1.0 ug/L
HP97-097	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-098	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-099	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-101	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-102	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-103	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-104	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-105	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-106	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-107	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-108	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-109	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-111	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-112	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-113	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-114	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-115	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-116	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-117	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-118	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-119	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-122	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-123	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-124	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-125	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-126	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-127	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-128	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-129	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

WELL ID	Carbaryl 2.0 ug/L	Carbofuran 1.5 ug/L	3-Hydroxycarbofuran 2.0 ug/L	Methiocarb 4.0 ug/L	Methomyl 1.0 ug/L	Naphthol 1.0 ug/L	Oxamyl 2.0 ug/L	Propoxur 1.0 ug/L
HP97-131	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-132	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-133	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-134	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-135	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-136	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-137	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-138	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-139	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-141	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-142	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-143	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
HP97-144	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

BDL - Below detection limit
listed at head of column

