40-1162

WESTERN NUCLEAR, INC.

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August 18, 2004

Robert A. Nelson
Chief, Uranium Processing Section
Division of Fuel Cycle Safety and Safeguards
Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20850

Re: Groundwater and Surface Water Monitoring Results for First and Second Quarters, 2004, Docket No. 1162, License Condition Nos. 24 and 74, SUA-56

Dear Mr. Nelson:

Enclosed are three (3) copies of the Western Nuclear, Inc. (WNI) Split Rock Site Groundwater and Surface Water Monitoring Results for the First and Second Quarters, 2004. This report provides the laboratory results for the Split Rock Site water quality compliance monitoring program (LC No. 24) and the groundwater corrective action program (CAP) monitoring program (LC No. 74).

Monitoring Data

Included in this report are:

- A map illustrating the groundwater monitoring locations
- A table cross referencing historical well names with current well names
- Tabular summaries of current reporting period numerical data for both compliance and CAP monitoring programs
- Graphs showing the entire monitoring history for each well for several key constituents (field pH, Total Dissolved Solids [TDS], sulfate [SO_4] and uranium [U_{nat}])
- Laboratory data sheets for the reporting period

This report only summarizes data from the most current monitoring period. The historical data is available in semi-annual reports prior to the semi-annual report for the First and Second Quarter, 2000.

The data contained in this report reflect the requirements of the current license (Amendment 92, 9/20/00). As requested on May 14, 1997 by Inspector Mr. Bob Evans (NRC – Arlington, Texas), only copies of the laboratory data sheets are provided to the Arlington office.

The groundwater monitoring data are consistent with previous monitoring results and with the data enclosed in the Site Groundwater Characterization and Evaluation report submitted to your office on October 31, 1999 as part of WNI's comprehensive Site Closure Plan. The characterization and evaluation

NMSS01

report proposed an alternative for long-term protection of public health and safety and of the environment from potential risks related to groundwater impacted by byproduct material. The proposed alternative, which is currently under review by NRC, will replace the existing CAP and will provide the requisite reasonable assurance that protective conditions will be maintained at the Site. WNI looks forward to NRC's approval of the proposed alternative.

Should you have any questions, please contact us at your earliest convenience.

Sincerely,

Louis Miller for

Lawrence J. Corte
President

cc: Jeffrey City File (w/ attachments)
Brad DeWaard (w/ attachments)
NRC – Arlington (attachments only)

SPLIT ROCK MILLSITE GROUNDWATER & SURFACE WATER MONITORING RESULTS

WATER QUALITY REPORT

1st & 2nd QUARTER 2004

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WN-21 55'
WN-23 65'
WN-24 65'
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WN-28
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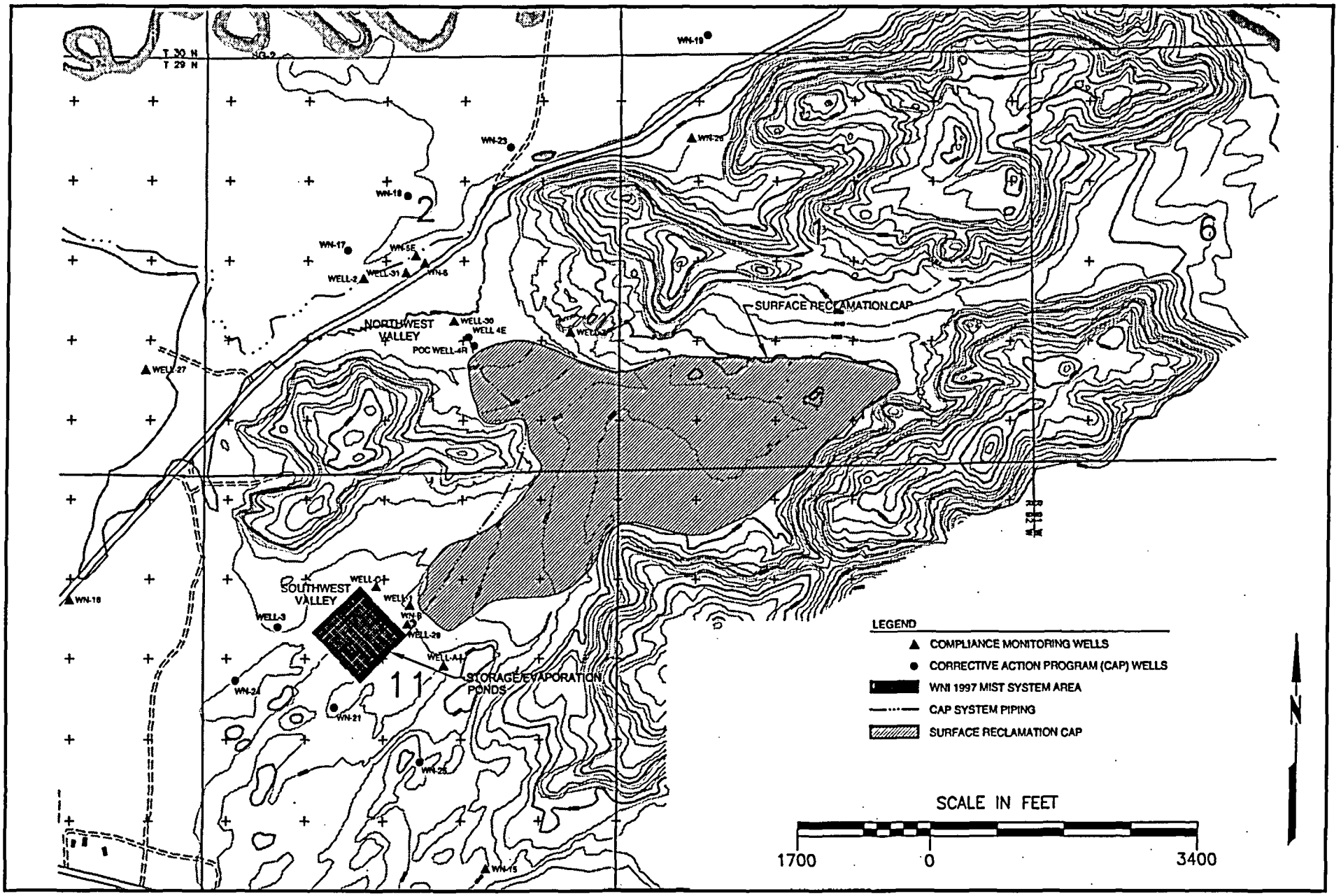
WN-A 175'
WN-C 160'

FIELD BLANK
1st AND 2nd QTR 2004 LAB QA



consulting scientists and engineers

FIGURE 1
MONITORING WELL LOCATIONS AND OPERATIONAL LAYOUT FOR 1999 CORRECTIVE ACTION PROGRAM

Date:	DECEMBER 2000
Project:	03-347\TASK1
File:	OPER-99-1.DWG

CROSS REFERENCE TABLE OF WELL DESIGNATIONS

WELL OR LOCATION	OLD DESIGNATION	STATUS
DRINKING WATER		
WELL #27 NEW MILL DRINKING WATER		
SURFACE WATER		
SWEETWATER RIVER BELOW MILL	S-5	
SWEETWATER RIVER ACROSS FROM MILL	S-6	
SWEETWATER RIVER ABOVE MILL	S-7	
GROUND WATER		
WELL #1	WN 7 HB 48'	
WELL #2 MILL PROCESS WATER		
WELL #3	WN-2 HD 25'	
WELL #4E		
WELL #4R	REPLACES WELL #4	
WELL #5	WN-3 HD 63'	
WELL #5E		
WELL #7	WN-5H 28'	PUMP LOWERED 20' 1/16/96
WELL #9E		ABANDONED 4/13/95
WELL #9R	REPLACES WELL #9	ABANDONED 4/13/95
WN-15 265' BACKGROUND WELL		
WN-16 60'		
WN-17 55'		
WN-18 85'		
WN-19 50'		
WN-21 55'		
WN-23 65'		
WN-24 65'		
WN-25 160'		NO LONGER ABLE TO SAMPLE, WELL CASING FILLED WITH SAND 2ND Q 2004
WN-26 95'		
WELL #28		
WELL #29		ABANDONED 4/13/95
WELL #30		
WELL #31		
WN-A 175'		STARTED SAMPLING AGAIN 8/28/96
WN-B 185'		NO LONGER ABLE TO SAMPLE, WELL CASING FILLED WITH SAND 1ST Q 2004
WN-C 160'		

Quarterly and Semi-Annual Groundwater and Surface Water Compliance Monitoring Results
First Half of Year 2004

WNI Split Rock Mill
Groundwater And Surface Water Quality
Quarterly Report

1Qtr-2004	*Groundwater*						
Parameter	*WELL-1*	*WELL-2*	*WELL-4E*	*WELL-5*	*WELL-5E*	*WELL-7*	*WN-15*
Aluminum (D) (mg/L)	<0.1		<0.1	<0.1	0.1		
Ammonia as N (mg/L)	16.3		22.8	0.29	0.24		
Arsenic (D) (mg/L)	<0.01		<0.01	<0.01	0.01		
Barium (D) (mg/L)	<0.05		<0.05	<0.05	0.05		
Beryllium (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	0.004	<0.004	<0.004
Bicarbonate (mg/L)	891		578	508	676		
Cadmium (D) (mg/L)	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Calcium (mg/L)	781		625	892	766		
Carbonate (mg/L)	<1		<1	<1	1		
Chloride (mg/L)	108	149	168	252	129	213	18.5
Chromium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005
Cond Field (uS/cm)	5080	3170	5610	3910	3090	5920	850
Cond Lab (uS/cm)	3900		4400	4900			
Iron (D) (mg/L)	<0.05		0.126	<0.05	0.05		
Lead (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005
Magnesium (mg/L)	154		157	121	121		
Manganese (D) (mg/L)	4.92		17.4	0.14	0.22		
Mercury (D) (mg/L)	<0.001		<0.001	<0.001	0.001		
Molybdenum (D) (mg/L)	<0.1		0.1	<0.1	0.1		
Nickel (D) (mg/L)	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05
Nitrate + Nitrite as N (mg/L)	49	32.6	20.2	113	86.6	21.2	13
pH Field (std. units)	6.63	6.77	7.37	6.7	6.88	6.48	7.53
pH Lab (std. units)	6.49	6.88	6.61	6.79	6.9	6.48	7.53
Potassium (mg/L)	19.5		46.6	23.6	16.3		
Radium-226 (D) (pCi/L)	<1		<1	<1	1		
Radium-228 (D) (pCi/L)	<2		<2	<2	2		
Selenium (D) (mg/L)	0.008	0.037	0.015	0.012	0.006	0.03	<0.005
Silver (D) (mg/L)	<0.004		<0.004	<0.004	0.004		
Sodium (mg/L)	108		232	178	65.4		
Sulfate (mg/L)	1750	2080	2310	2030	1550	2620	325
TDS (mg/L)	3410	3910	3970	4530	3570	4370	710
Temp Field (C)	8.5	7.8	8.4	7.7	7.4	9.1	7.6
Thorium-230 (D) (pCi/L)	<0.4	<0.4	<0.4	<0.4	0.4	<0.4	<0.4
Uranium (D) (mg/L)	4.28	0.779	0.84	2.61	2.78	0.245	0.153

WNI Split Rock Mill
Groundwater And Surface Water Quality
Quarterly Report

1Qtr-2004	*Groundwater*						
Parameter	*WN-16*	*WN-19*	*WN-26*	*WN-27*	*WELL-28*	*WELL-30*	*WELL-31*
Aluminum (D) (mg/L)					<0.1	0.1	<0.1
Ammonia as N (mg/L)					106	26.7	0.24
Arsenic (D) (mg/L)					<0.01	0.01	<0.01
Barium (D) (mg/L)					<0.05	<0.05	<0.05
Beryllium (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Bicarbonate (mg/L)					798	459	662
Cadmium (D) (mg/L)	0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Calcium (mg/L)					677	799	890
Carbonate (mg/L)					<1	<1	<1
Chloride (mg/L)	<5	139	<5	6.5	174	162	187
Chromium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cond Field (uS/cm)	285	1330	289	449	4420	6150	3430
Cond Lab (uS/cm)					4700	5200	4200
Iron (D) (mg/L)					<0.05	<0.05	<0.05
Lead (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006
Magnesium (mg/L)					180	170	129
Manganese (D) (mg/L)					15.3	3.71	0.11
Mercury (D) (mg/L)					<0.001	<0.001	<0.001
Molybdenum (D) (mg/L)					<0.1	0.2	0.2
Nickel (D) (mg/L)	<0.05	<0.05	<0.05	<0.05	0.1	<0.05	<0.05
Nitrate + Nitrite as N (mg/L)	1.07	5.46	0.6	0.83	29.9	68.8	65.4
pH Field (std. units)	7.85	7.25	7.68	7.92	6.43	7.67	6.94
pH Lab (std. units)	7.86	7.28	7.79	7.53	6.44	6.72	6.97
Potassium (mg/L)					31.5	34.6	21
Radium-226 (D) (pCi/L)					<1	<1	<1
Radium-228 (D) (pCi/L)					<2	<2	<2
Selenium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	0.023	0.027	<0.005
Silver (D) (mg/L)					<0.004	<0.004	<0.004
Sodium (mg/L)					129	185	79
Sulfate (mg/L)	24.2	574	91.7	27.8	2100	2440	1840
TDS (mg/L)	205	1170	213	200	3750	4630	3980
Temp Field (C)	7.7	5.2	7.4	7.4	7.9	7.6	8.4
Thorium-230 (D) (pCi/L)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Uranium (D) (mg/L)	0.013	0.498	0.002	0.012	6.36	1.38	5.89

WNI Split Rock Mill
Groundwater And Surface Water Quality
Quarterly Report

1Qtr-2004	*Groundwater*			*Surface Water*		
Parameter	*WN-A*	*WN-B*	*WN-C*	*S-7*	*S-6*	*S-5*
Aluminum (D) (mg/L)						
Ammonia as N (mg/L)						
Arsenic (D) (mg/L)						
Barium (D) (mg/L)						
Beryllium (D) (mg/L)	<0.004		<0.004	<0.004	<0.004	<0.004
Bicarbonate (mg/L)						
Cadmium (D) (mg/L)	<0.001		<0.001	<0.001	<0.001	<0.001
Calcium (mg/L)						
Carbonate (mg/L)						
Chloride (mg/L)	156		127	<5	<5	10
Chromium (D) (mg/L)	<0.005		<0.005	<0.005	<0.005	<0.005
Cond Field (uS/cm)	4680		5470	396	409	499
Cond Lab (uS/cm)						
Iron (D) (mg/L)						
Lead (D) (mg/L)	<0.005		<0.005	<0.005	<0.005	<0.005
Magnesium (mg/L)						
Manganese (D) (mg/L)						
Mercury (D) (mg/L)						<0.001
Molybdenum (D) (mg/L)						<0.1
Nickel (D) (mg/L)	<0.05		<0.05	<0.05	<0.05	
Nitrate + Nitrite as N (mg/L)	1.81		42.4	<0.2	<0.2	<0.2
pH Field (std. units)	6.46		6.69	729	7.72	7.5
pH Lab (std. units)	6.39		6.66	7.24	7.37	7.63
Potassium (mg/L)						
Radium-226 (D) (pCi/L)						
Radium-228 (D) (pCi/L)						
Selenium (D) (mg/L)	<0.005		0.011	<0.005	<0.005	
Silver (D) (mg/L)						
Sodium (mg/L)						
Sulfate (mg/L)	1870		1930	33.6	39.6	44.1
TDS (mg/L)	3230		3720	141	177	210
Temp Field (C)	8.2		8.1	0.16	-0.166	0.33
Thorium-230 (D) (pCi/L)	<0.4		<0.4	<0.4	<0.4	<0.4
Uranium (D) (mg/L)	2.15		5.62	0.002	0.005	0.01

WNI Split Rock Mill
Groundwater And Surface Water Quality
Quarterly Report

2Qtr-2004	*Groundwater*						
Parameter	*WELL-1*	*WELL-2*	*WELL-4E*	*WELL-5*	*WELL-5E*	*WELL-7*	*WN-15*
Aluminum (D) (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia as N (mg/L)	21.6	0.46	5.04	0.26	0.23	1.87	0.09
Arsenic (D) (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Barium (D) (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11
Beryllium (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Bicarbonate (mg/L)	785	713	590	454	776	592	212
Cadmium (D) (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Calcium (mg/L)	632	866	727	868	745	724	157
Carbonate (mg/L)	<1	<1	<1	<1	<1	<1	<1
Chloride (mg/L)	74.7	122	132	207	117	140	19.8
Chromium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cond Field (uS/cm)	2650	3870	4490	4740	3970	4670	682
Cond Lab (mg/L)							
Cond Lab (uS/cm)	3820	4050	4330	4790	4100	4810	969
Iron (D) (mg/L)	<0.05	0.2	<0.05	<0.05	<0.05	1.4	<0.05
Lead (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Magnesium (mg/L)	131	108	162	123	122	242	24.1
Manganese (D) (mg/L)	5.61	1.07	10.4	0.1	0.22	26.5	<0.05
Mercury (D) (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum (D) (mg/L)	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
Nickel (D) (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate + Nitrite as N (mg/L)	49.2	23.8	37.3	110	76.1	19.3	14.4
pH Field (std. units)	6.49	6.84	6.53	6.77	6.95	6.44	7.39
pH Lab (std. units)	6.34	6.68	6.5	6.71	6.63	6.25	7.34
Potassium (mg/L)	20.8	17.6	24	24.7	17.2	21.5	7.4
Radium-226 (D) (pCi/L)	1.3	<1	<1	<1	<1	<1	<1
Radium-228 (D) (pCi/L)	<2	<2	<2	<2	<2	<2	<2
Selenium (D) (mg/L)	0.008	0.038	0.017	0.019	0.012	0.032	<0.005
Silver (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Sodium (mg/L)	124	62.8	200	195	89.9	207	13.1
Sulfate (mg/L)	1690	2080	2260	2210	1640	2800	294
TDS (mg/L)	3400	4200	4070	4600	3800	4800	780
Temp Field (C)	9.7	10.7	11	11.3	11.2	11.3	11.2
Thorium-230 (D) (pCi/L)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Uranium (D) (mg/L)	3.13	0.432	1	2.03	2.5	0.189	0.133

WNI Split Rock Mill
Groundwater And Surface Water Quality
Quarterly Report

2Qtr-2004	*Groundwater*						
Parameter	*WN-16*	*WN-19*	*WN-26*	*WN-27*	*WELL-28*	*WELL-30*	*WELL-31*
Aluminum (D) (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia as N (mg/L)	0.05	0.11	0.06	0.05	95	30.2	0.24
Arsenic (D) (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Barium (D) (mg/L)	0.05	0.07	0.08	<0.05	<0.05	<0.05	<0.05
Beryllium (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Bicarbonate (mg/L)	162	280	103	159	780	414	673
Cadmium (D) (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Calcium (mg/L)	39.6	181	52.2	39.3	632	867	854
Carbonate (mg/L)	<1	<1	<1	<1	<1	<1	<1
Chloride (mg/L)	5.4	116	<5	5.9	134	110	164
Chromium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cond Field (uS/cm)	224	1527	244	2360	2960	5340	4100
Cond Lab (mg/L)				325			
Cond Lab (uS/cm)	324	1850	344		4800	5520	4290
Iron (D) (mg/L)	<0.05	<0.05	<0.05	0.4	<0.05	<0.05	<0.05
Lead (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Magnesium (mg/L)	5.2	40.1	4.3	5.5	162	209	120
Manganese (D) (mg/L)	<0.05	0.19	<0.05	<0.05	12.8	4.13	0.11
Mercury (D) (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum (D) (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	0.2
Nickel (D) (mg/L)	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05
Nitrate + Nitrite as N (mg/L)	1.18	5.36	0.55	0.87	33.2	159	69.9
pH Field (std. units)	7.75	4.69	8.01	7.46	6.38	6.65	7.01
pH Lab (std. units)	7.61	7.17	7.65	7.43	6.35	6.61	6.75
Potassium (mg/L)	6.4	15.6	2.9	6.4	31.1	43.7	16.7
Radium-226 (D) (pCi/L)	<1	<1	<1	<1	<1	<1	<1
Radium-228 (D) (pCi/L)	<2	<2	<2	<2	<2	<2	<2
Selenium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	0.025	0.036	0.012
Silver (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Sodium (mg/L)	13.5	135	7.6	17.9	131	217	60.3
Sulfate (mg/L)	21.2	584	77.1	25.4	2120	2640	1830
TDS (mg/L)	250	1300	240	250	3800	5300	4100
Temp Field (C)	10.2	7.6	10.5	11.3	9.7	9.5	11.2
Thorium-230 (D) (pCi/L)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Uranium (D) (mg/L)	0.01	0.527	0.002	0.01	4.38	1.52	5.7

WNI Split Rock Mill
Groundwater And Surface Water Quality
Quarterly Report

2Qtr-2004	*Groundwater*			*Surface Water*		
Parameter	*WN-A*	*WN-B*	*WN-C*	*S-7*	*S-6*	*S-5*
Aluminum (D) (mg/L)	<0.1		<0.1	<0.1	<0.1	<0.1
Ammonia as N (mg/L)	3.4		66	0.09	0.08	0.08
Arsenic (D) (mg/L)	<0.01		<0.01	<0.01	<0.01	<0.01
Barium (D) (mg/L)	<0.05		<0.05	<0.05	<0.05	<0.05
Beryllium (D) (mg/L)	<0.004		<0.004	<0.004	<0.004	<0.004
Bicarbonate (mg/L)	819		717	78	107	131
Cadmium (D) (mg/L)	<0.001		<0.001	<0.001	<0.001	<0.001
Calcium (mg/L)	744		669	17.6	24.2	31.9
Carbonate (mg/L)	<1		<1	<1	<1	<1
Chloride (mg/L)	118		97.9	<5	6.4	7.6
Chromium (D) (mg/L)	<0.005		<0.005	<0.005	<0.005	<0.005
Cond Field (uS/cm)	2400		2960	136	196	499
Cond Lab (mg/L)						
Cond Lab (uS/cm)	4030		4080	170	242	296
Iron (D) (mg/L)	17.6		<0.05	0.2	0.2	0.1
Lead (D) (mg/L)	<0.005		<0.005	<0.005	<0.005	<0.005
Magnesium (mg/L)	108		157	3.4	4.5	6
Manganese (D) (mg/L)	0.64		14.2	<0.05	<0.05	<0.05
Mercury (D) (mg/L)	<0.001		<0.001	<0.001	<0.001	<0.001
Molybdenum (D) (mg/L)	<0.1		<0.1	<0.1	<0.1	<0.1
Nickel (D) (mg/L)	<0.05		<0.05	<0.05	<0.05	<0.05
Nitrate + Nitrite as N (mg/L)	1.59		51.9	<0.2	<0.2	<0.2
pH Field (std. units)	6.31		6.54	7.91	7.85	8.31
pH Lab (std. units)	6.24		6.46	7.69	7.66	7.87
Potassium (mg/L)	16.8		31.1	1.7	4.7	3.2
Radium-226 (D) (pCi/L)	<1		<1	<1	<1	<1
Radium-228 (D) (pCi/L)	<2		<2	<2	<2	<2
Selenium (D) (mg/L)	0.006		0.015	<0.006	<0.005	<0.005
Silver (D) (mg/L)	<0.004		<0.004	<0.004	<0.004	<0.004
Sodium (mg/L)	41.4		127	7.8	11.7	17.8
Sulfate (mg/L)	1770		2020	12	17	24.7
TDS (mg/L)	3500		3900	130	170	210
Temp Field (C)	11.8		10.2	15.2	14.3	15
Thorium-230 (D) (pCi/L)	<0.4		<0.4	<0.4	<0.4	<0.4
Uranium (D) (mg/L)	1.77		4.17	<0.001	0.008	0.005

Groundwater Corrective Action Program Quarterly and Semi-Annual Monitoring Results First Half of Year 2004

Groundwater Corrective Action Program Monitoring Results

1Qtr-2004

Parameter	*WN-21(POC)*	*WN-24*	*WN-25*	*WELL-3*	*WN-18*	*WN-23*	*WN-17*	*WELL-4R(POC)*
Aluminum (D) (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	3.21
Ammonia as N (mg/L)	3.81	0.09	4.8	0.14	0.14	0.16	<0.05	224
Arsenic (D) (mg/L)	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.02	<0.01
Barium (D) (mg/L)	<0.05	0.06	<0.05	<0.05	0.06	0.06	0.06	<0.05
Beryllium (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.005
Bicarbonate (mg/L)	246	265	217	305	360	386	221	312
Cadmium (D) (mg/L)	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.02
Calcium (mg/L)	96.8	251	188	294	304	591	66.9	494
Carbonate (mg/L)	<1	<1	<1	<1	<1	<1	<1	<1
Chloride (mg/L)	15.5	35.8	24.7	55.9	71.4	103	13.3	148
Chromium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cond Field (uS/cm)	616	1284	1042	2430	1727	2300	414	7380
Cond Lab (uS/cm)	730	1500	1200	1800	2100	3000	500	5800
Iron (D) (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Magnesium (mg/L)	15.4	40.6	35.2	45.1	57.8	71	13.2	238
Manganese (D) (mg/L)	0.33	<0.05	2.52	<0.05	<0.05	<0.05	0.05	74.4
Mercury (D) (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum (D) (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel (D) (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.49
Nitrate + Nitrite as N (mg/L)	9.24	17.3	28.1	24.4	43.4	38.5	0.35	25.8
pH Field (std. units)	7.62	7.62	7.11	7.4	7.28	6.93	7.67	6.63
pH Lab (std. units)	7.55	7.52	7.09	7.09	7.21	6.84		6.09
Potassium (mg/L)	7.6	12.2	10.3	10.9	15.2	18.8	8.8	67.1
Radium-226 (D) (pCi/L)	<1	<1	<1	<1	<1	<1	<1	<1
Radium-228 (D) (pCi/L)	<2	<2	<2	<2	<2	<2	<2	<2
Selenium (D) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.024
Silver (D) (mg/L)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Sodium (mg/L)	31.8	54.4	41	61.2	97.7	79.4	22.8	207
Sulfate (mg/L)	129	587	360	655	674	1300	63.7	3110
TDS (mg/L)	474	1160	864	1410	1680	2600	302	4560
Temp Field (C)	7.2	7.3	7.7	8.7	7.5	5.6	5.7	7.9
Thorium-230 (D) (pCi/L)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Uranium (D) (mg/L)	0.129	0.381	0.249	1.17	0.839	1.5	0.056	0.604

Note: POC = Point of compliance well

Note: Shaded numbers indicate that the value exceeds the maximum CAP water quality monitoring parameter values for 1/1/90 - 12/31/96

Groundwater Corrective Action Program Monitoring Results

2Qtr-2004

Parameter	*WN-21(POC)*	*WN-24*	*WN-25*	*WELL-3*	*WN-18*	*WN-23*	*WN-17*	*WELL-4R(POC)*
Aluminum (D) (mg/L)	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1
Ammonia as N (mg/L)	2.14	0.06		0.13	0.17	0.15	0.08	241
Arsenic (D) (mg/L)	<0.01	<0.01		<0.01	<0.01	<0.01	0.01	<0.01
Barium (D) (mg/L)	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Beryllium (D) (mg/L)	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004
Bicarbonate (mg/L)	239	262		297	348	378	212	304
Cadmium (D) (mg/L)	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	0.016
Calcium (mg/L)	90.8	239		261	270	630	52.6	500
Carbonate (mg/L)	<1	<1		<1	<1	<1	<1	<1
Chloride (mg/L)	13.3	35		52.3	69.5	112	10.1	130
Chromium (D) (mg/L)	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Cond Field (uS/cm)	494	1037		1167	1821	2390	404	6220
Cond Lab (uS/cm)	723	1490		1630	2050	3230	481	5960
Iron (D) (mg/L)	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Lead (D) (mg/L)	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Magnesium (mg/L)	14.8	34.6		38.5	49.7	67.8	11.3	206
Manganese (D) (mg/L)	0.27	<0.05		<0.05	<0.05	<0.05	0.07	72.3
Mercury (D) (mg/L)	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Molybdenum (D) (mg/L)	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1
Nickel (D) (mg/L)	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	0.42
Nitrate + Nitrite as N (mg/L)	7.22	18.7		24.9	45.4	21.6	0.27	23.5
pH Field (std. units)	7.45	7.42		7.1	5.63	4.69	4.65	6.09
pH Lab (std. units)	7.41	7.29		7.12	7.18	6.82	7.56	6.06
Potassium (mg/L)	8.5	11.1		11	15.7	19	8.5	39.9
Radium-226 (D) (pCi/L)	<1	<1		<1	<1	<1	<1	<1
Radium-228 (D) (pCi/L)	<2	<2		<2	<2	<2	<2	<2
Selenium (D) (mg/L)	<0.005	<0.005		<0.005	0.007	0.008	<0.005	0.025
Silver (D) (mg/L)	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004
Sodium (mg/L)	28.7	46.6		64.3	112	90.7	22.8	208
Sulfate (mg/L)	122	553		619	625	1430	58.7	3300
TDS (mg/L)	500	1200		1400	1800	3000	340	4900
Temp Field (C)	11.1	10.9		10.6	9.7	6.5	6.9	10.2
Thorium-230 (D) (pCi/L)	<0.4	<0.4		<0.4	<0.4	<0.4	<0.4	<0.4
Uranium (D) (mg/L)	0.107	0.315		0.992	0.592	1.21	0.041	0.404

Note: POC = Point of compliance well

Note: Shaded numbers indicate that the value exceeds the maximum CAP water quality monitoring parameter values for 1/1/90 - 12/31/96

WNI Split Rock Mill
Groundwater Corrective Action Plan (CAP)

Maximum CAP Water Quality Monitoring Parameter Values for 1/1/90 – 12/31/96

Groundwater Corrective Action Program Maximum CAP Water Quality Monitoring Parameter Values for 1/1/90-12/31/96

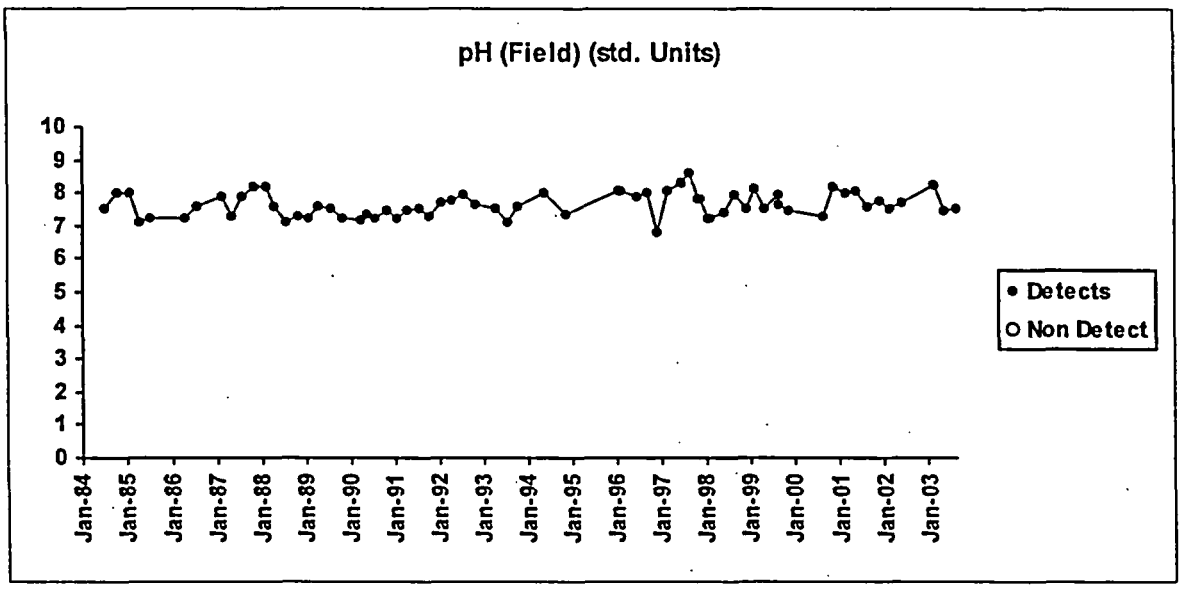
Parameter	*WN-21(POC)*	*WN-24*	*WN-25*	*WELL-3*	*WN-18*	*WN-23*	*WN-17*	*WELL-4R(POC)*
Beryllium (mg/L)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Cadmium (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02
Chloride (mg/L)	51.20	31.50	51.60	50.10	55.00	76.60	11.10	292
Chromium (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.07
Lead (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.09
Nitrate + Nitrite as N (mg/L)	29.20	7.22	49.70	49.40	29	44	0.25	317
pH Field (std. Units)	6.04	7.14	6.49	6.95	6.36	6.65	6.87	5.37
Radium Comb. (pCi/L)	3.7	7.6	3.8	2.2	3.0	17.2	6.5	7.2
Selenium (mg/L)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.34
Sulfate (mg/L)	1,053	244	1,072	705	451	1,139	69	4,000
TDS (mg/L)	1,850	641	2,079	1,570	1,226	2,509	336	7,661
Thorium-230 (pCi/L)	<0.04	0.70	<0.04	5.00	<0.04	0.90	<0.6	1.30
Uranium (pCi/ml)	0.91	0.15	1.12	0.94	0.51	1.82	0.03	2.71

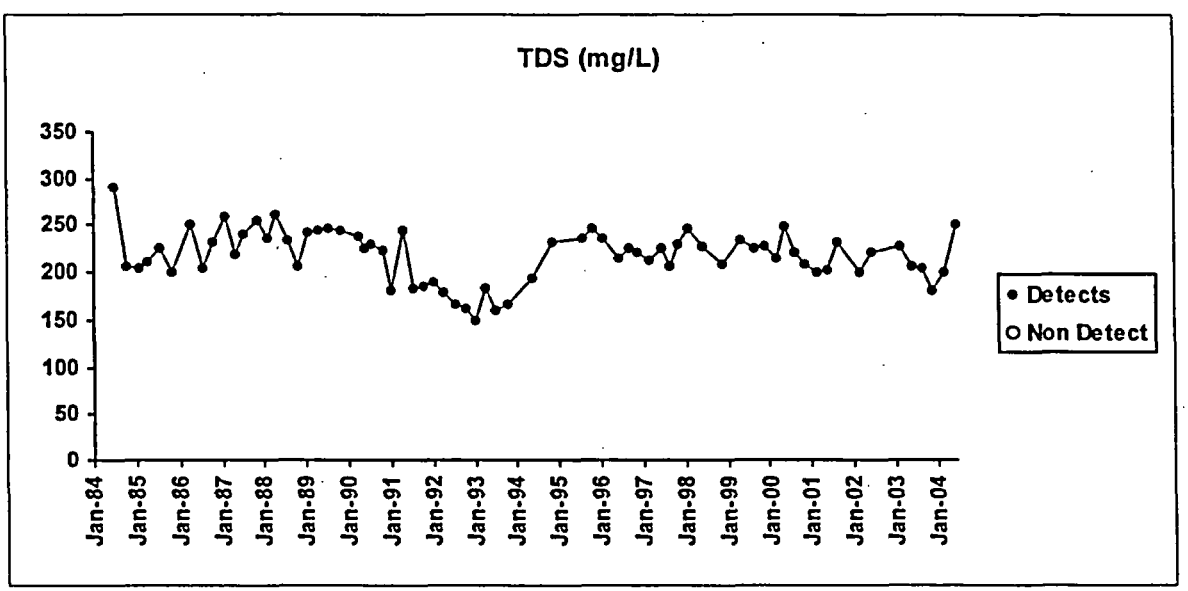
pH values represent minimum field value recorded from January 1, 1990 through December 31, 1996.
Be and Se values represent the standard listed in license SUA-56 condition 74(b) because all recent values are below the listed standard.
POC = Point of Compliance Well

DRINKING WATER

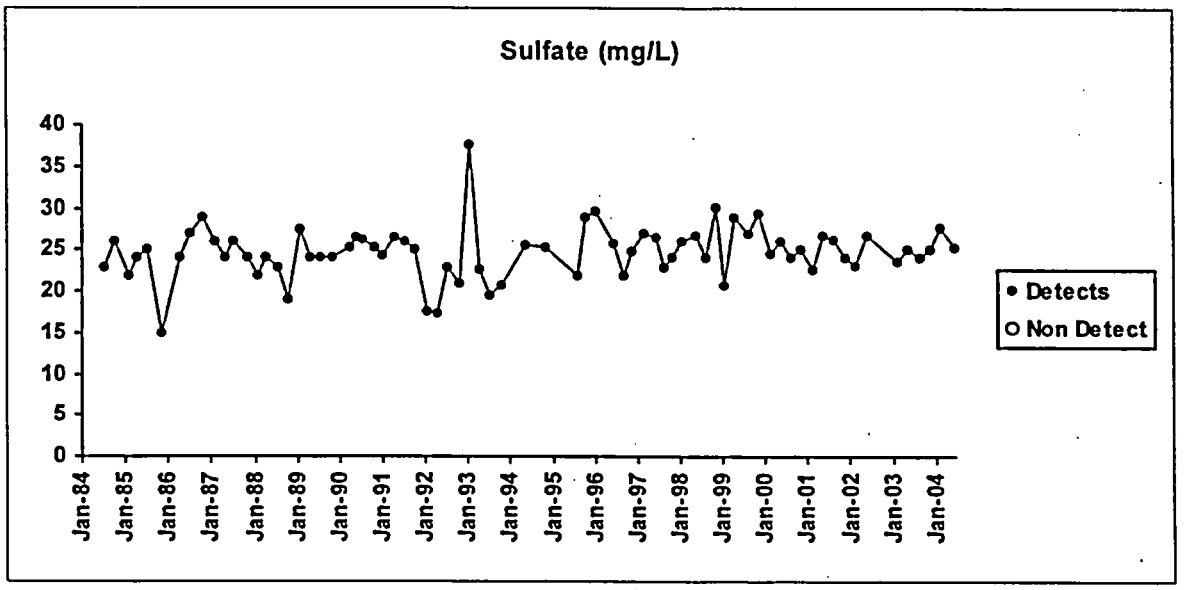
Note: Effective March 10, 1997, Well #27 is no longer used as a drinking water source. However, the report format has not been changed in an effort to maintain consistency with previous reports.

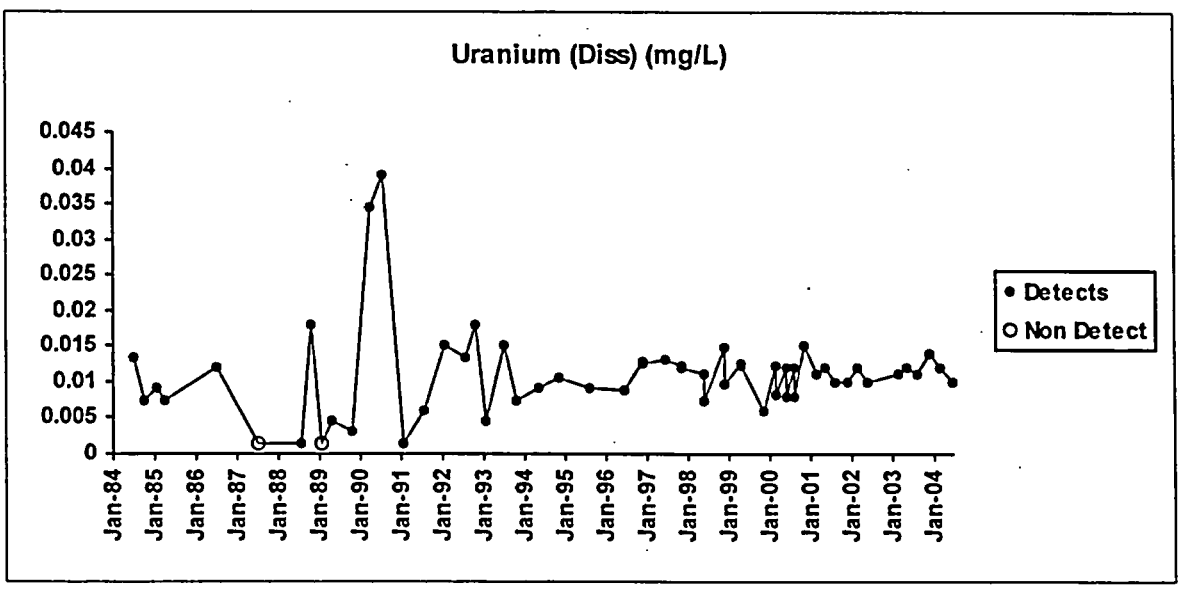
Jeffrey City WELL-27





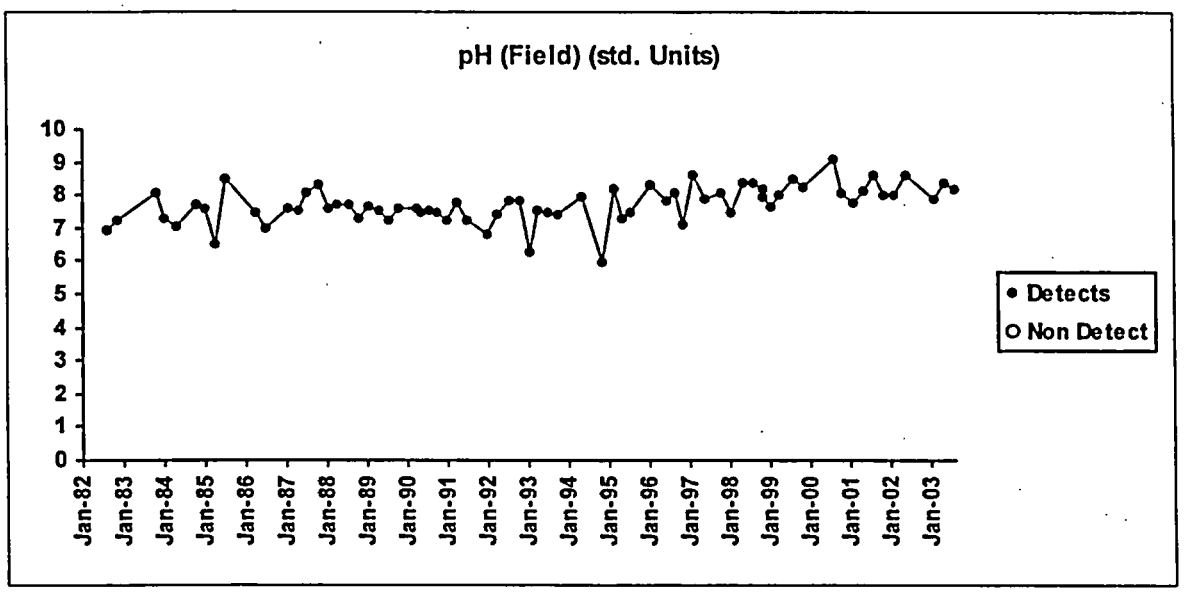
Jeffrey City WELL-27

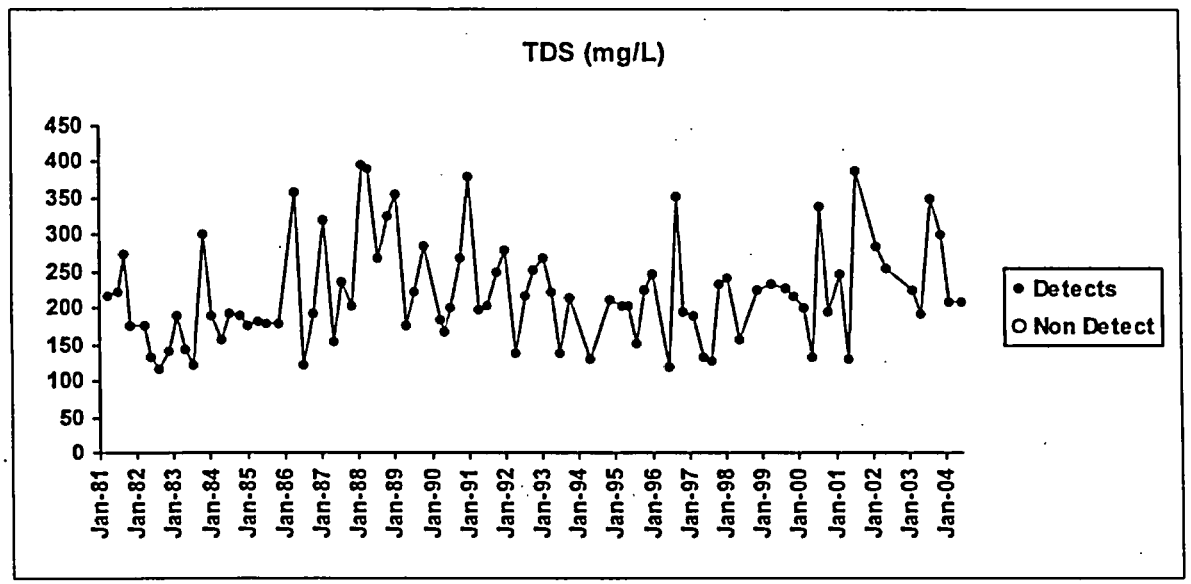




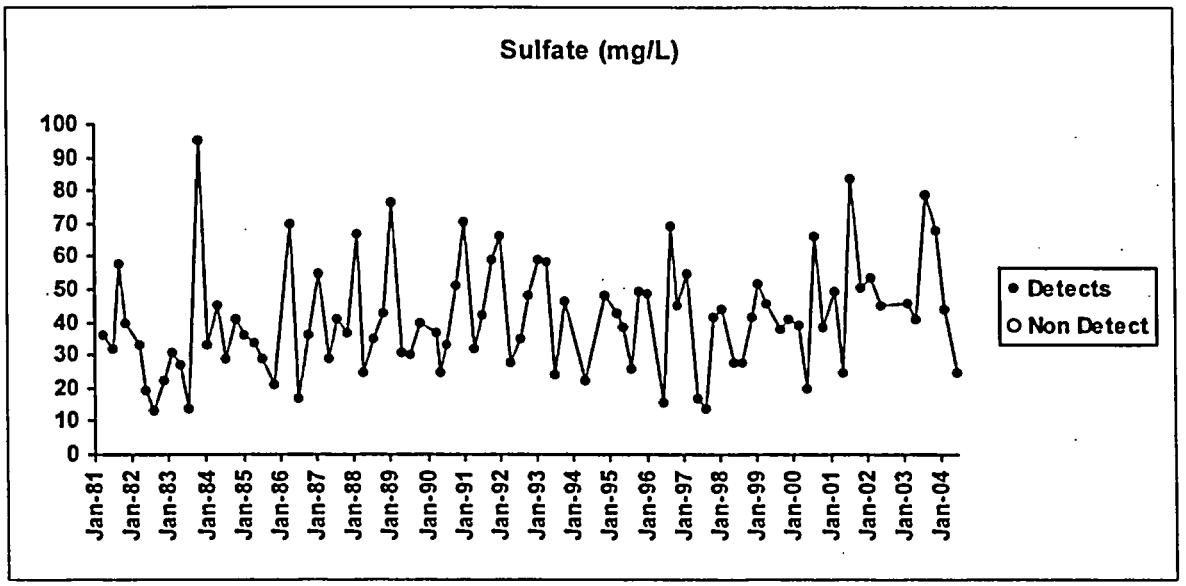
SURFACE WATER

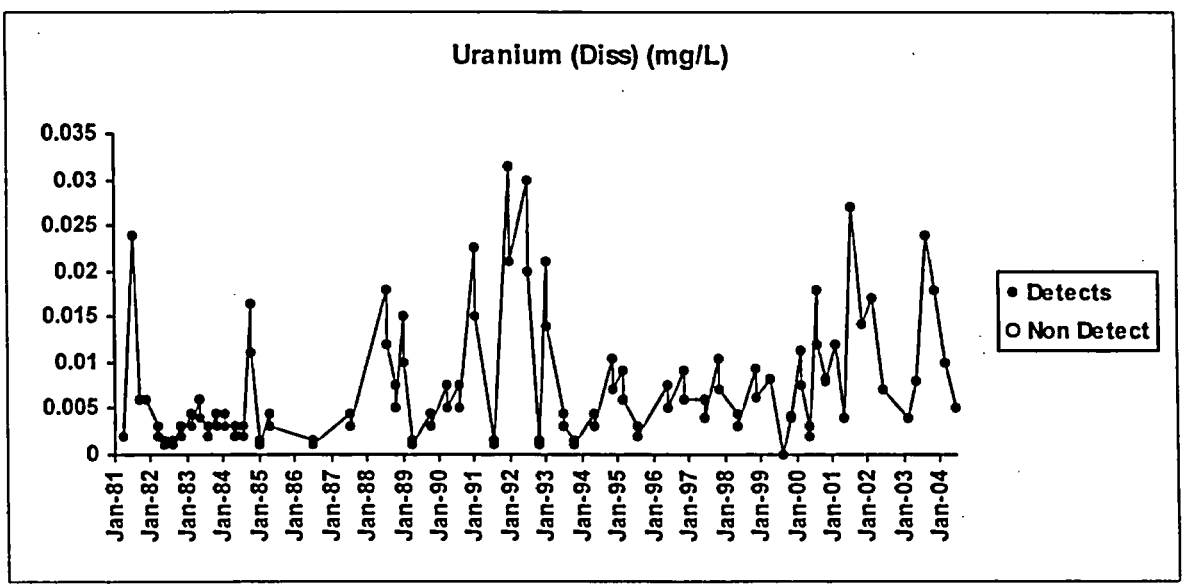
Jeffrey City S-5



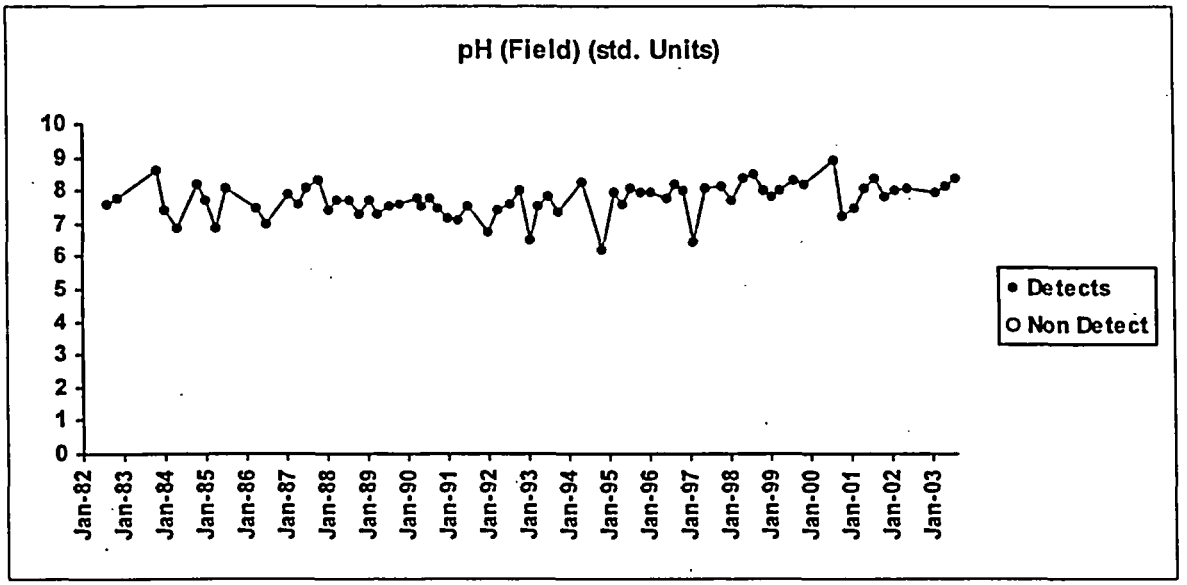


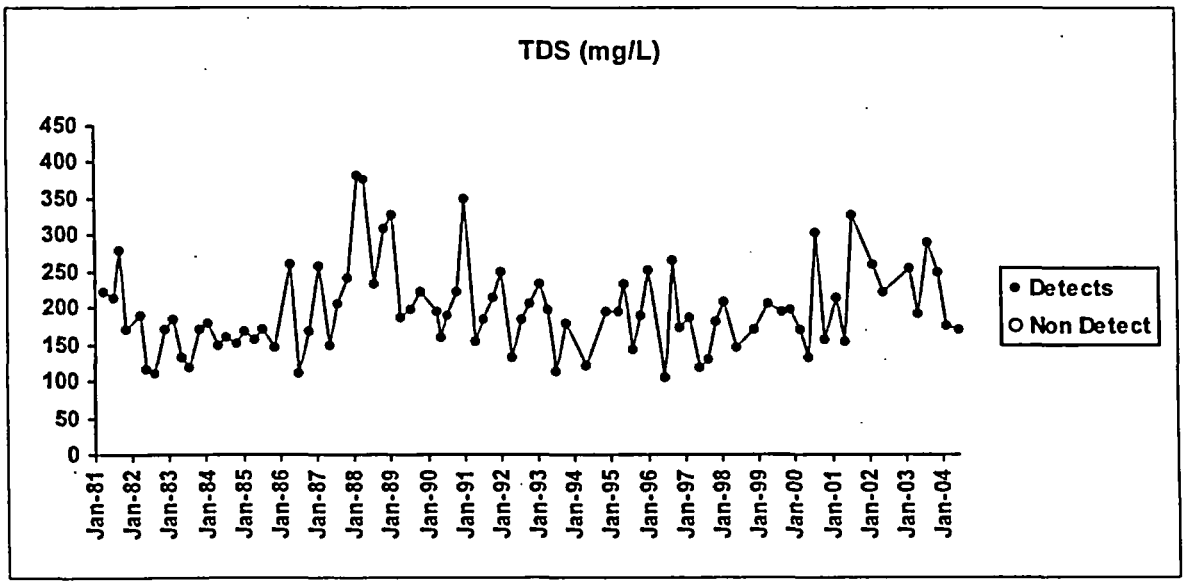
Jeffrey City S-5



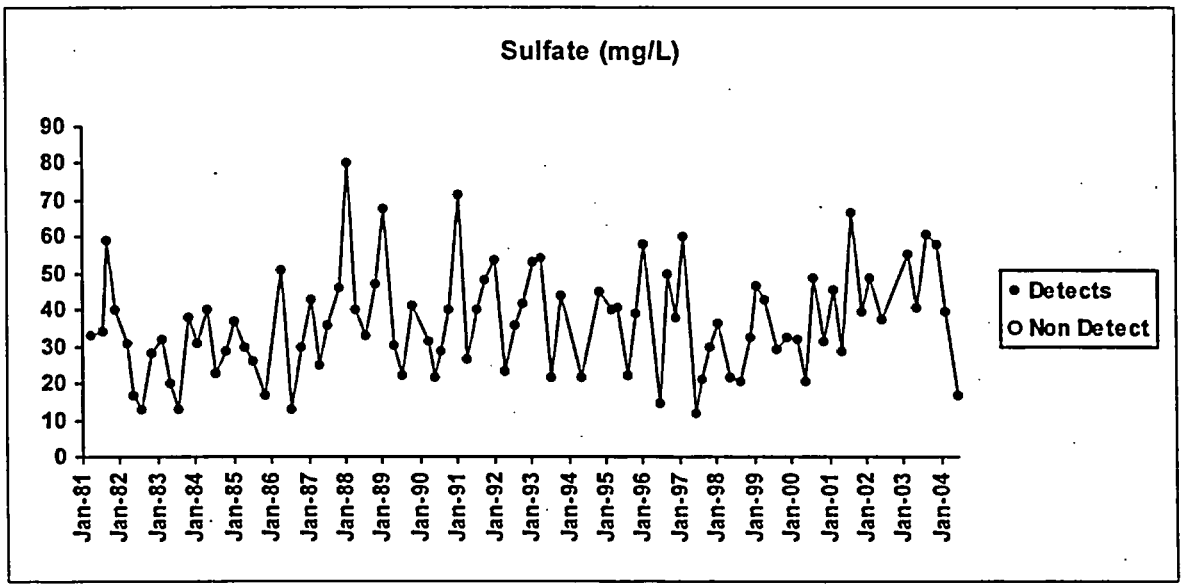


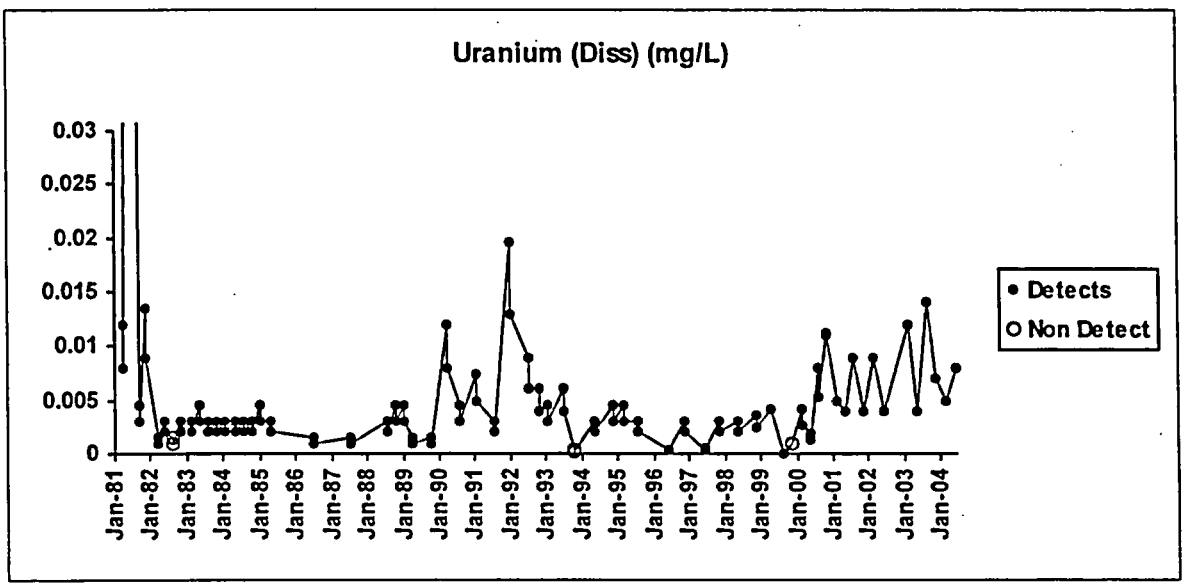
Jeffrey City S-6



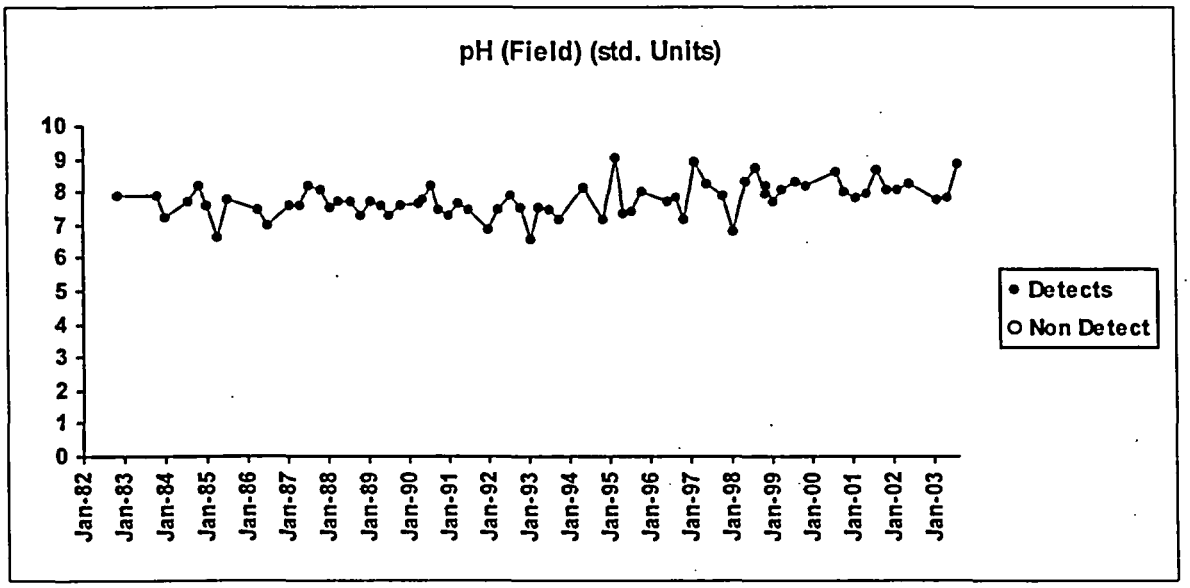


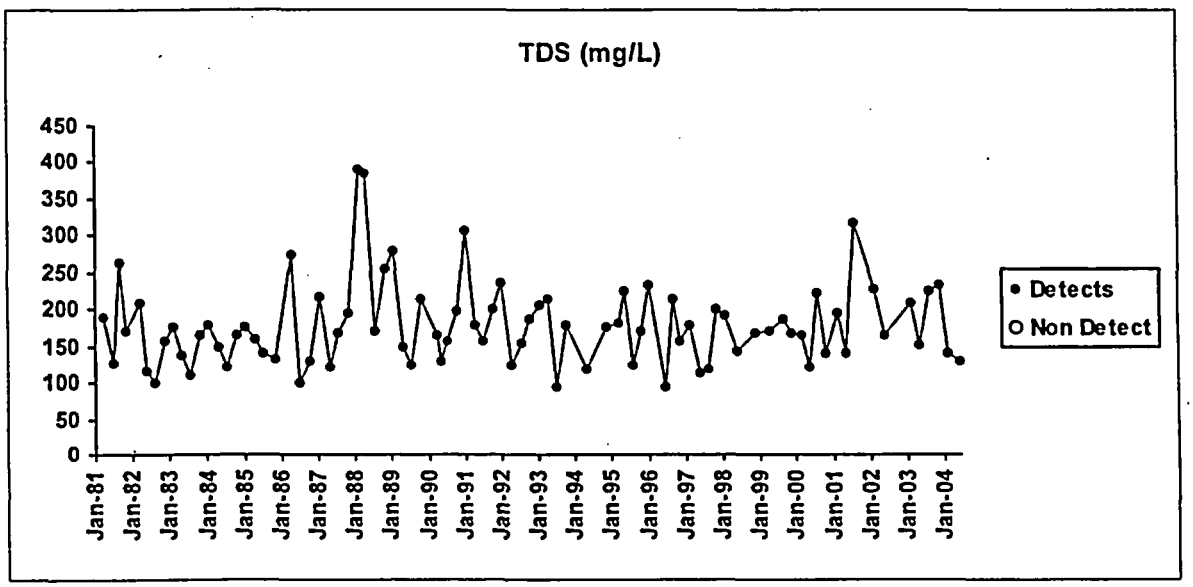
Jeffrey City S-6



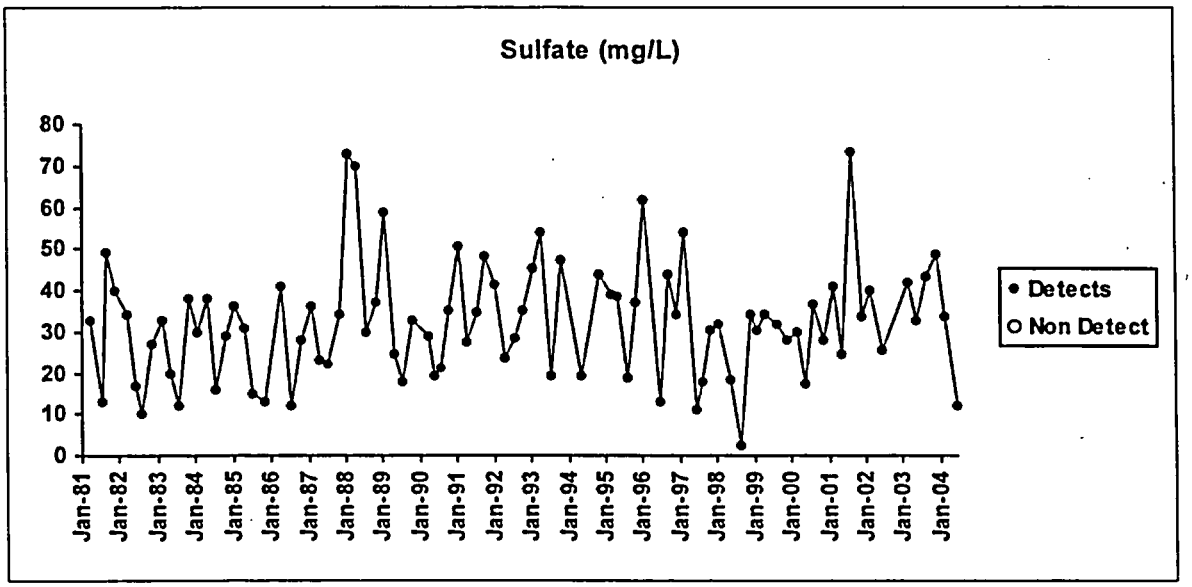


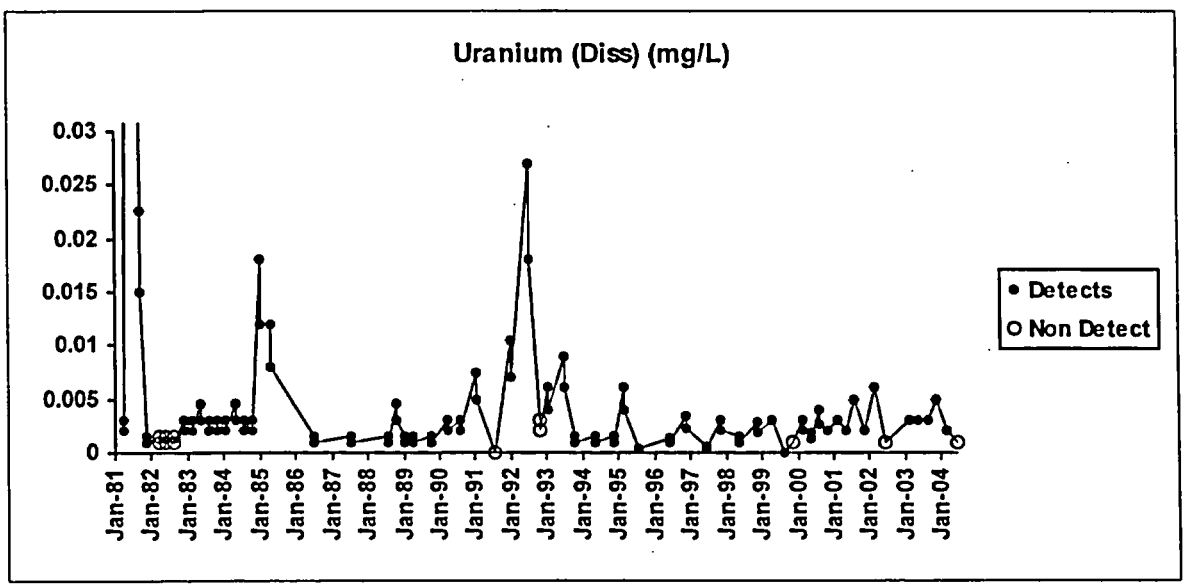
Jeffrey City S-7





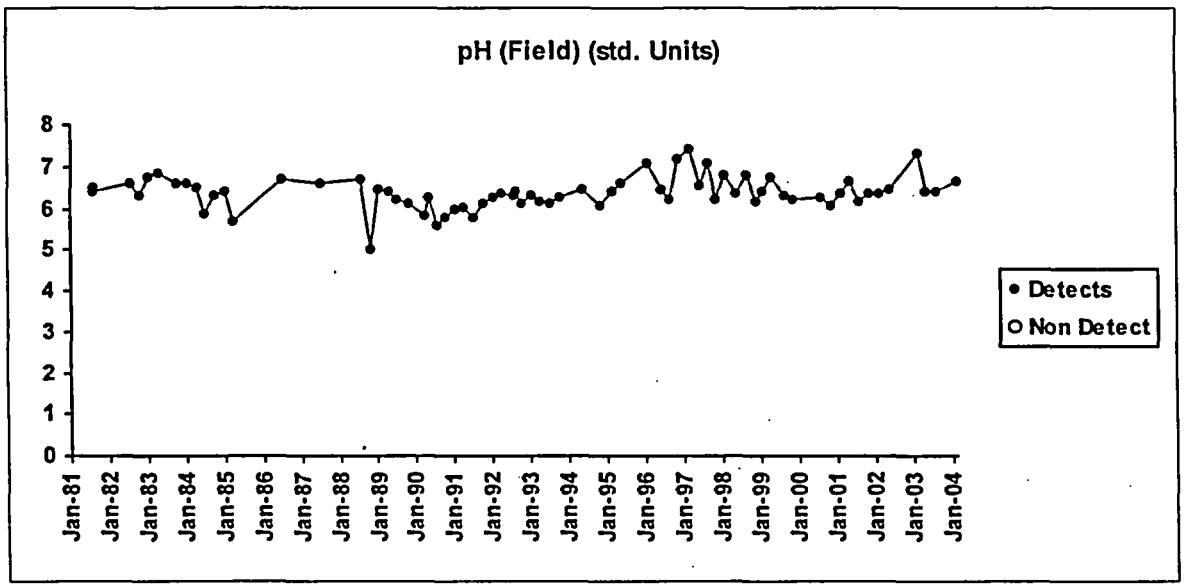
Jeffrey City · S-7

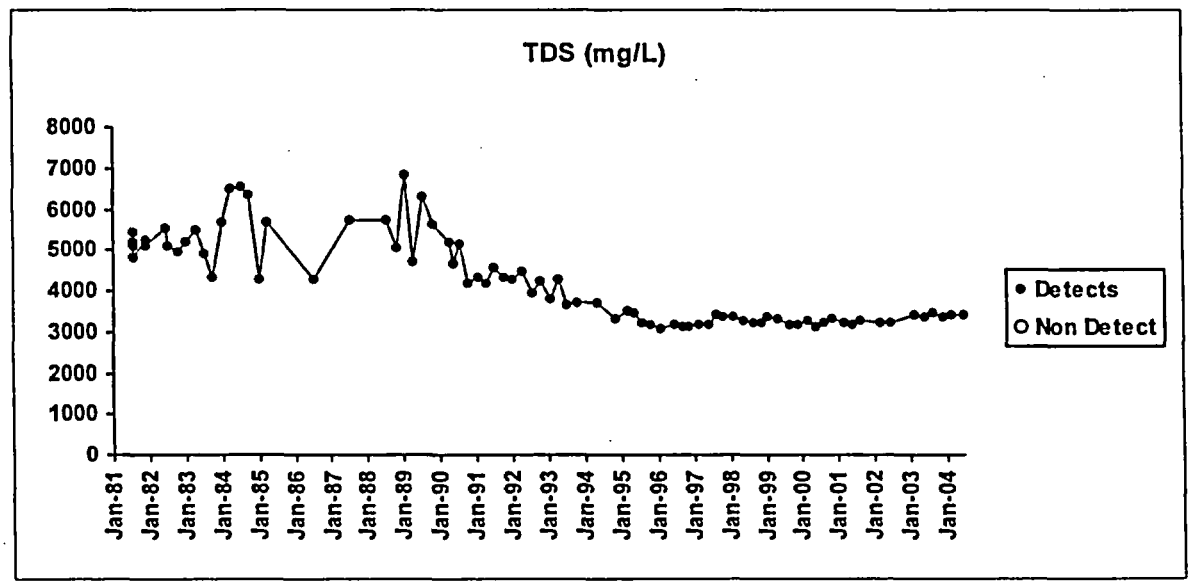




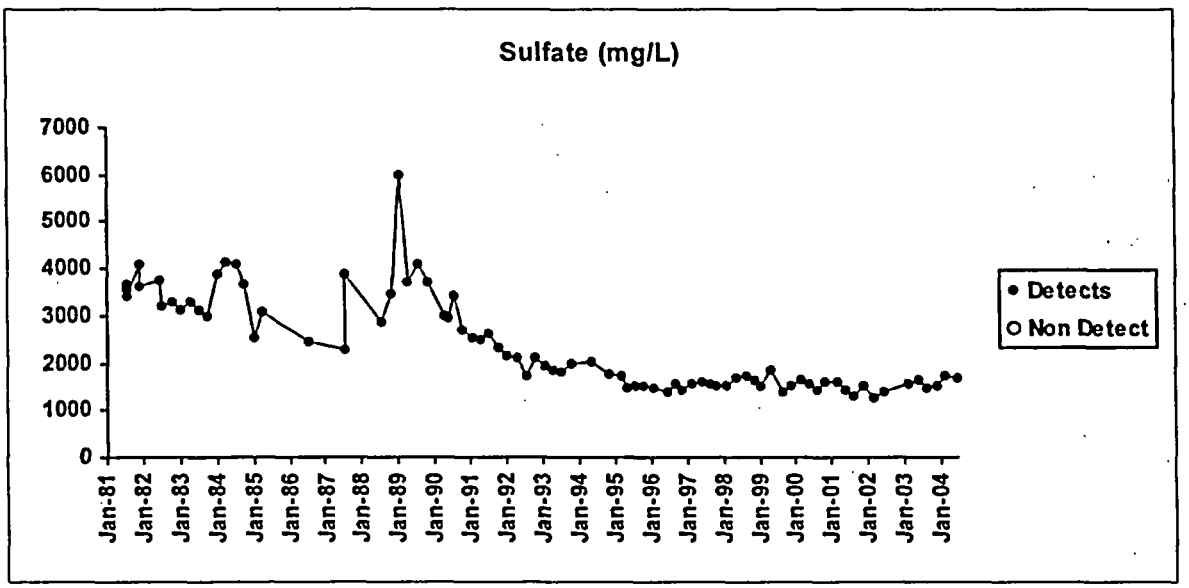
GROUNDWATER

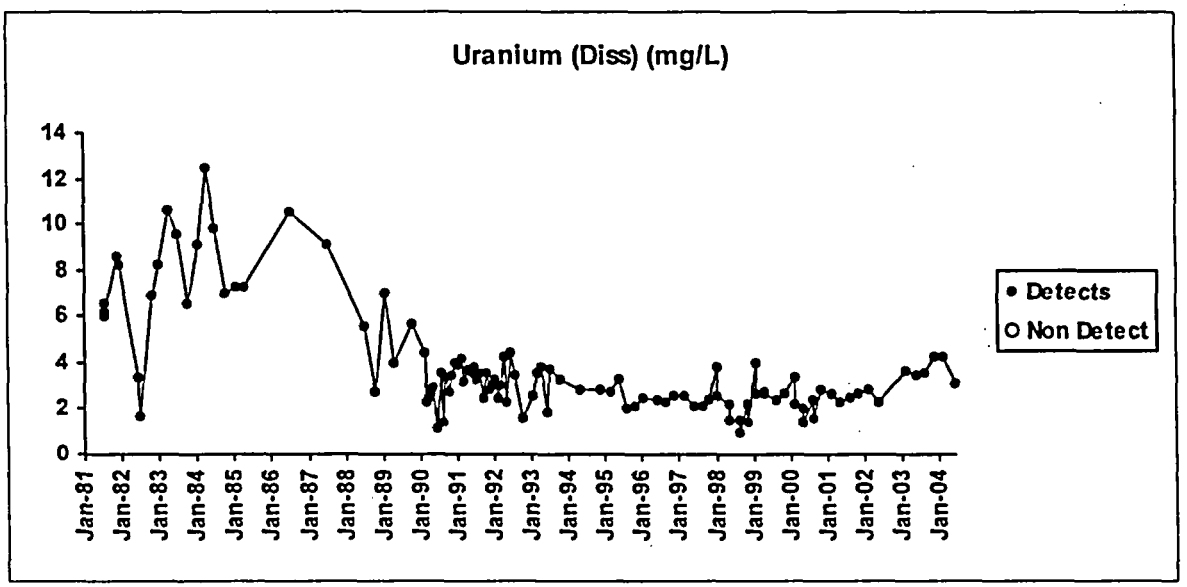
Jeffrey City WELL-1



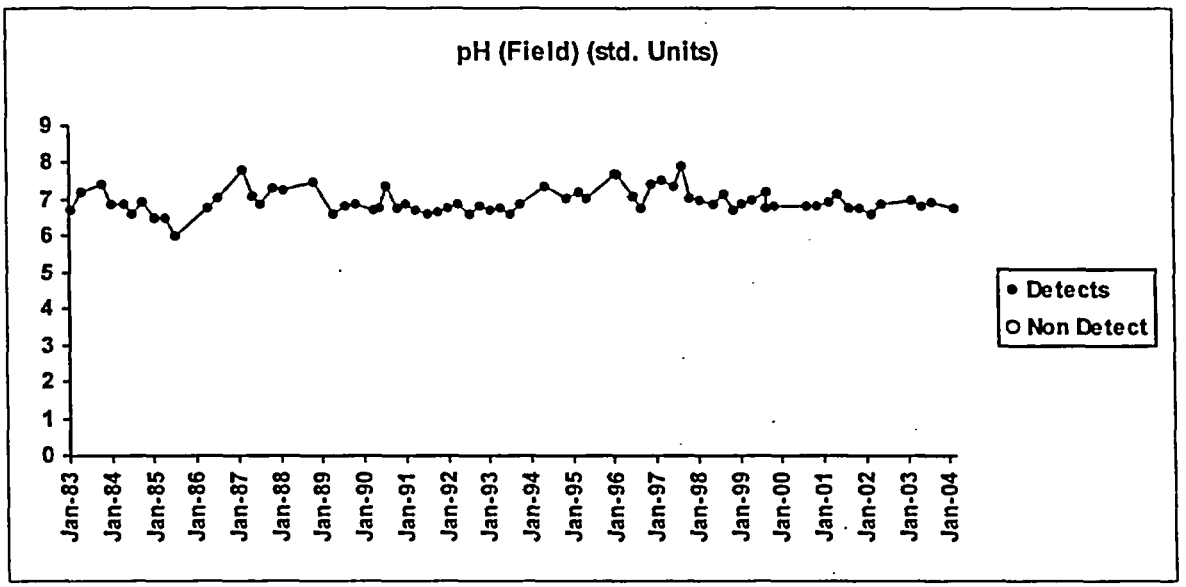


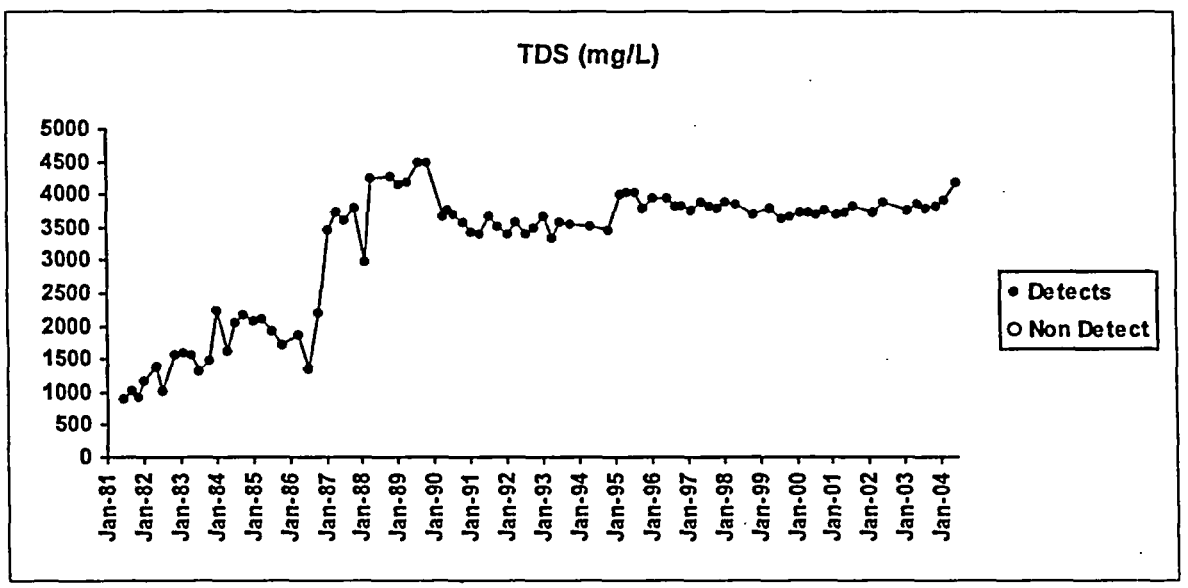
Jeffrey City WELL-1



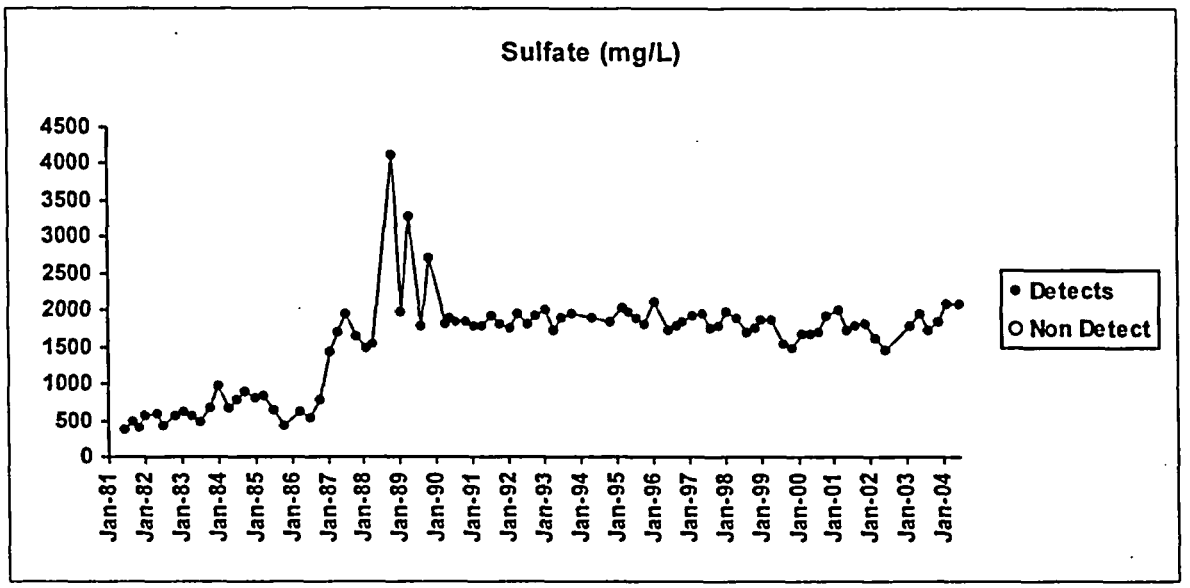


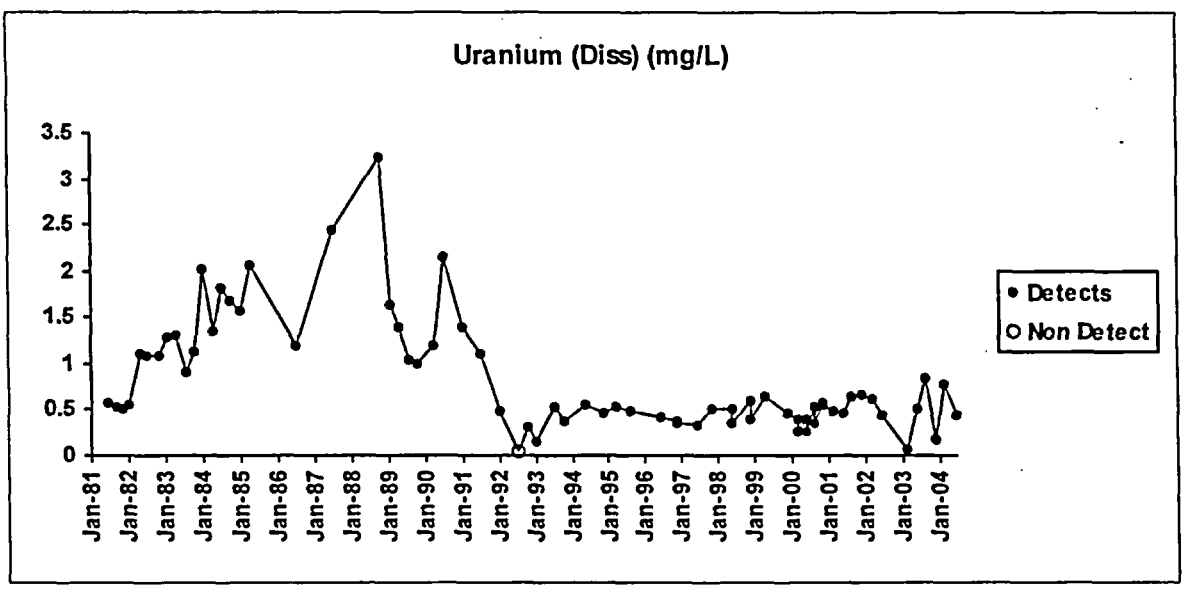
Jeffrey City WELL-2



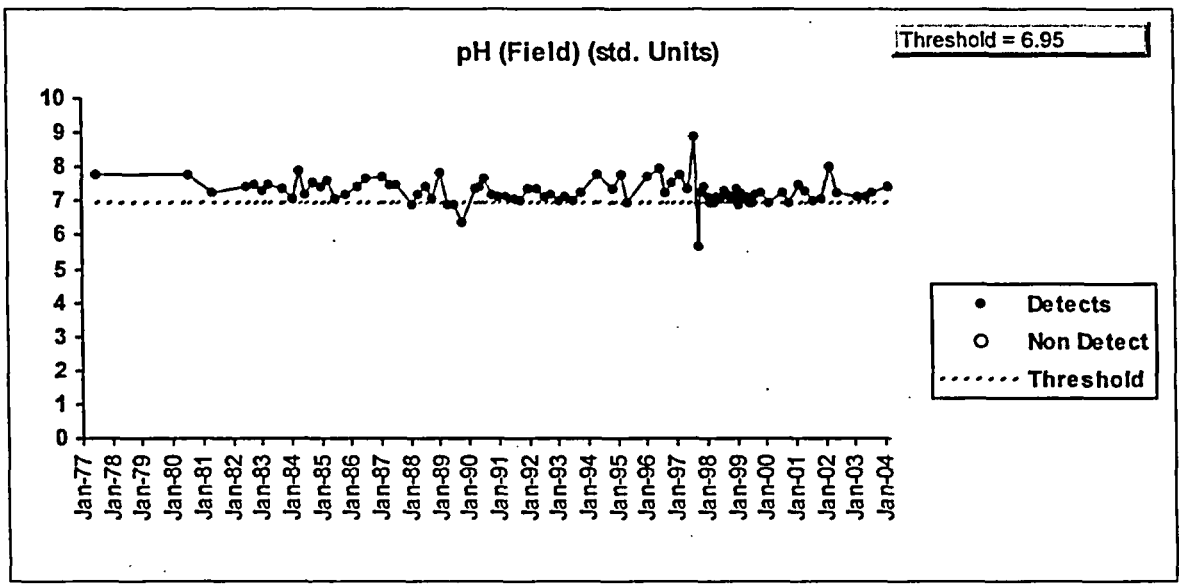


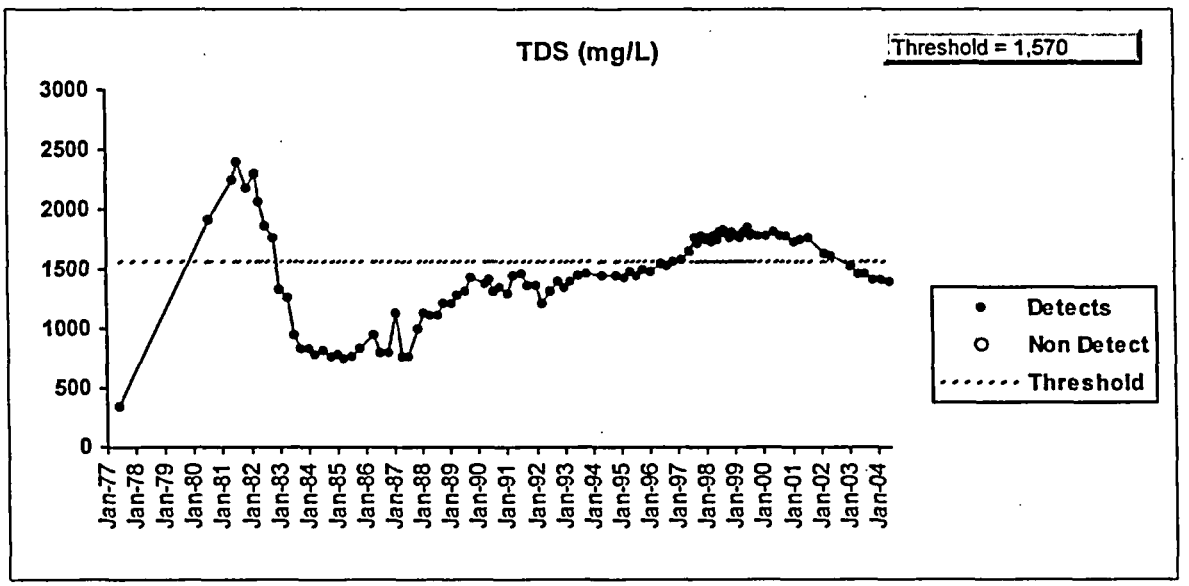
Jeffrey City WELL-2



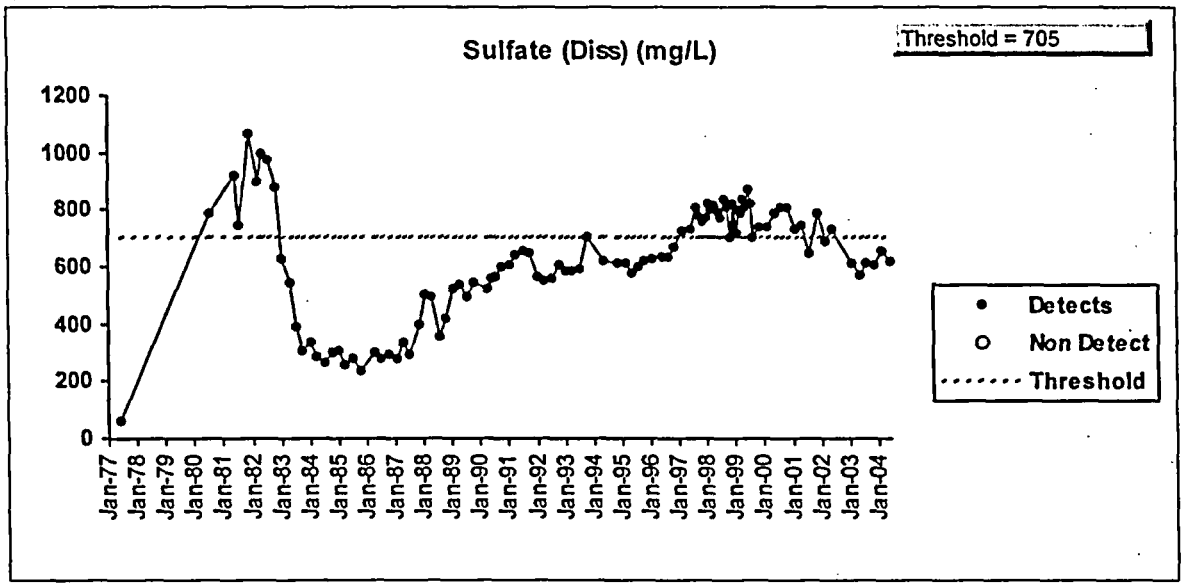


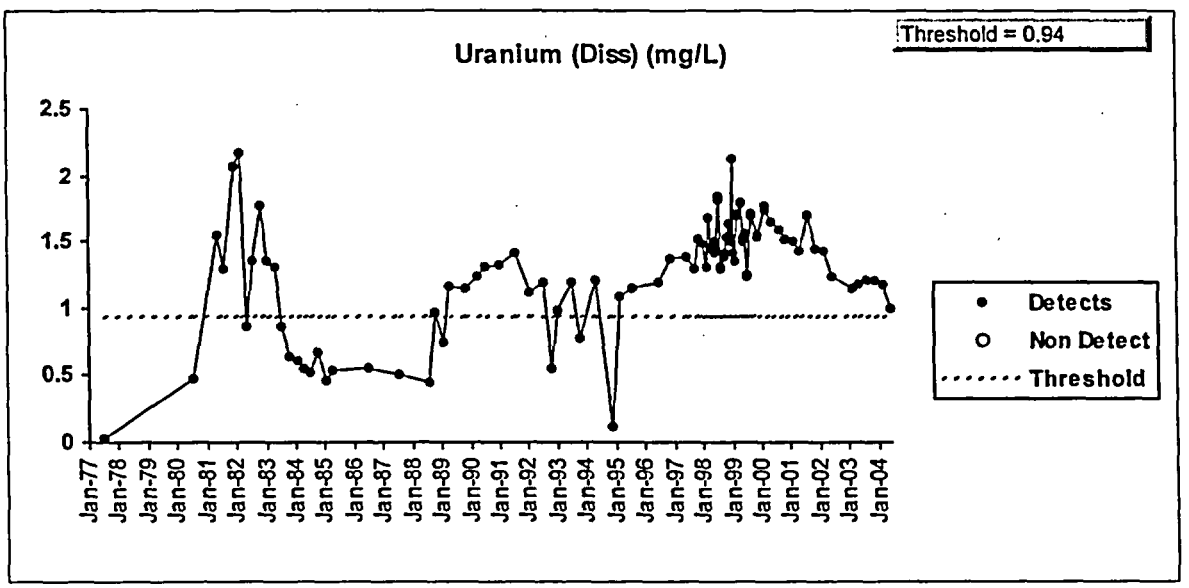
Jeffrey City WELL-3



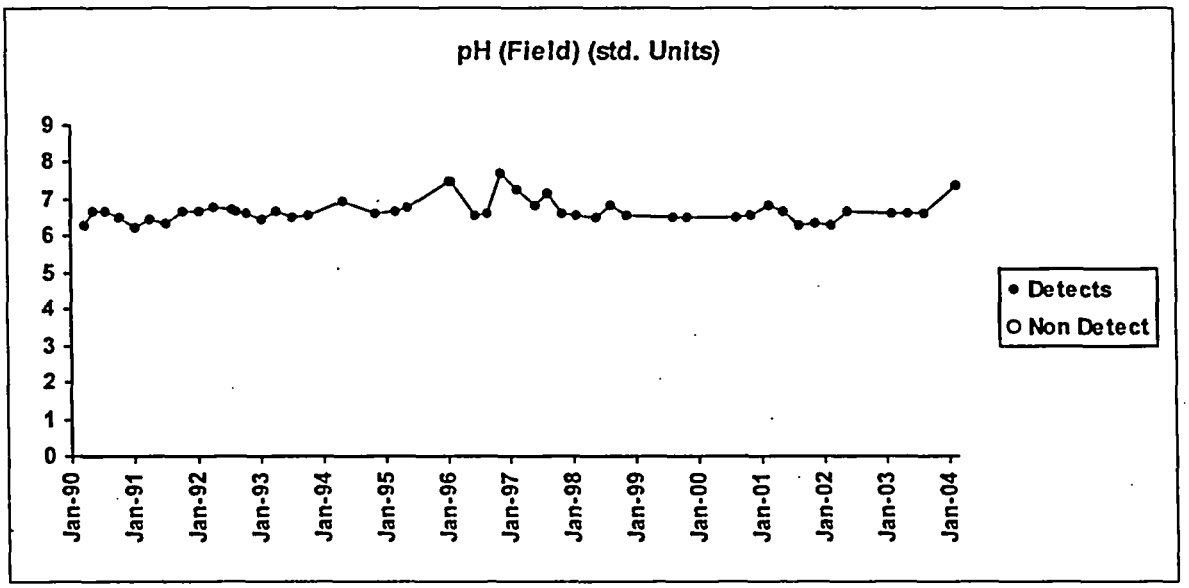


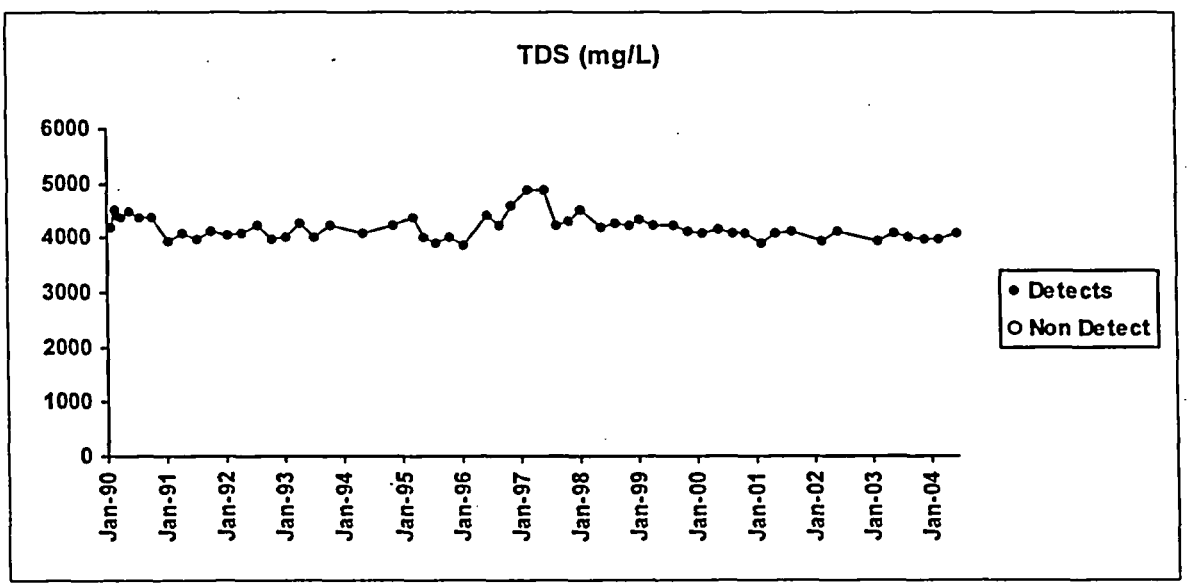
Jeffrey City WELL-3





Jeffrey City WELL-4E





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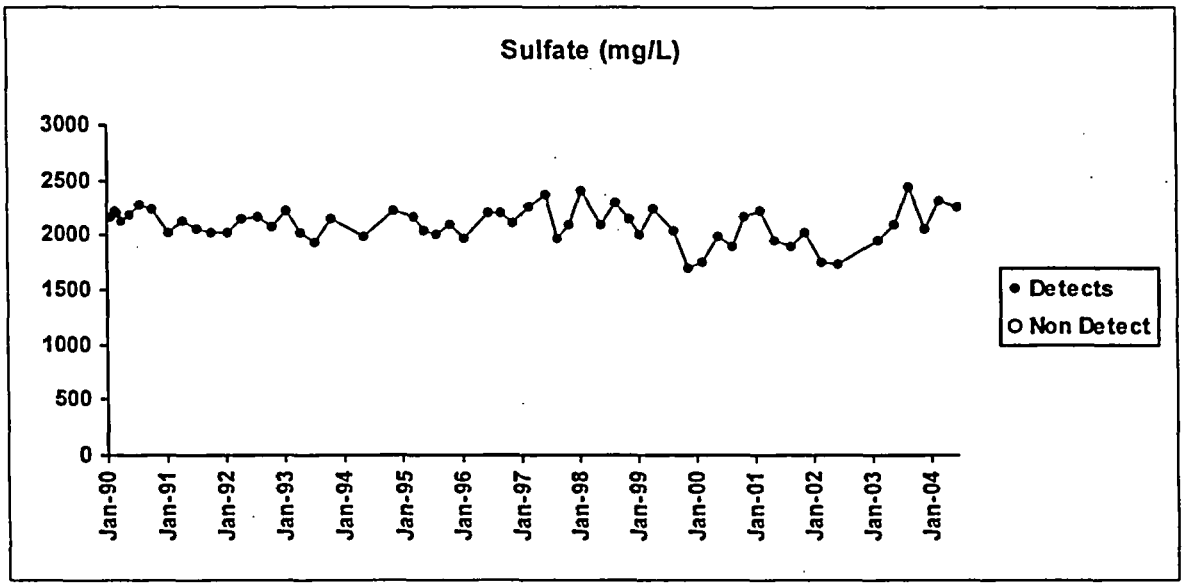

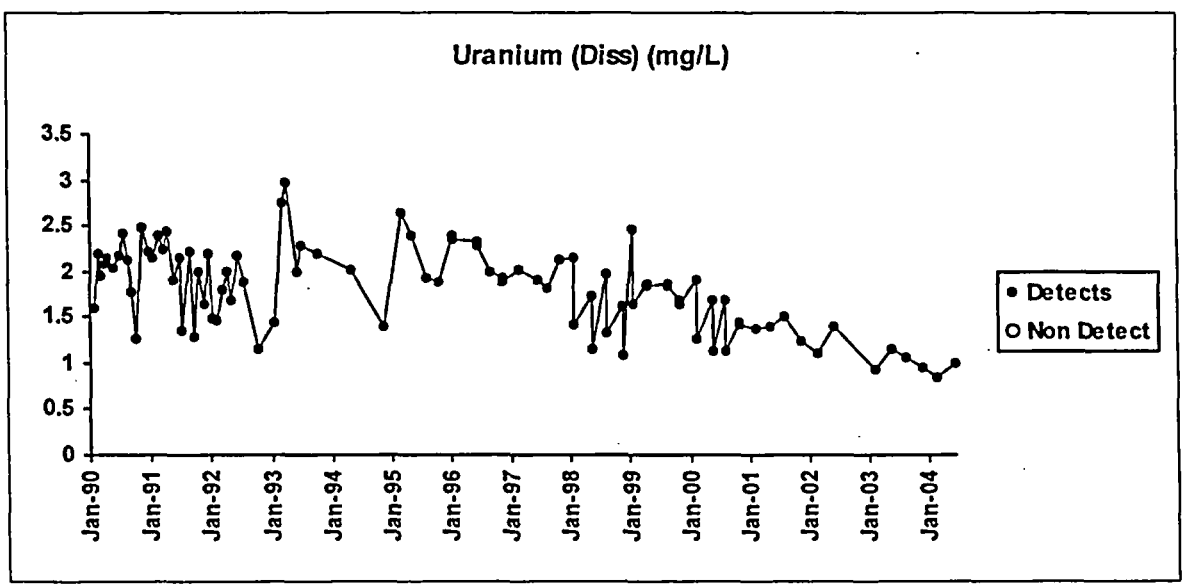

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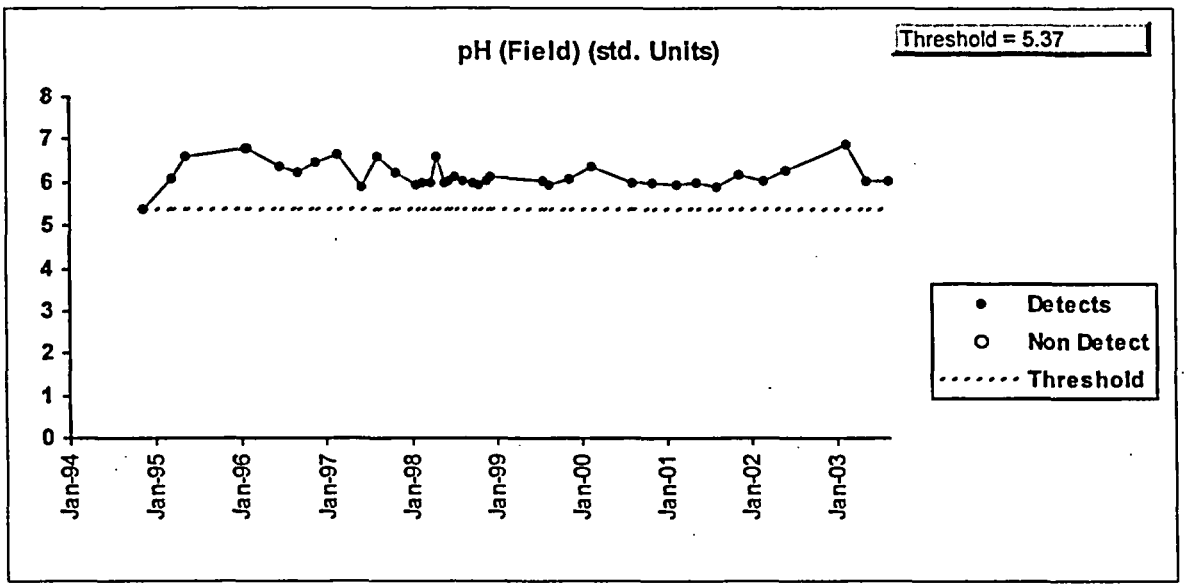

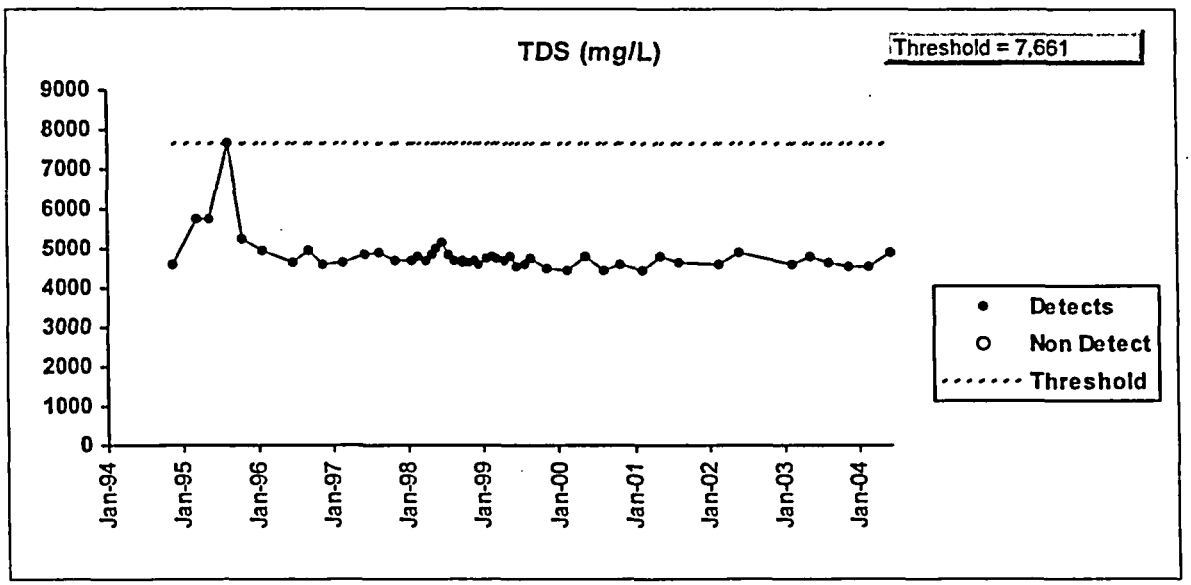

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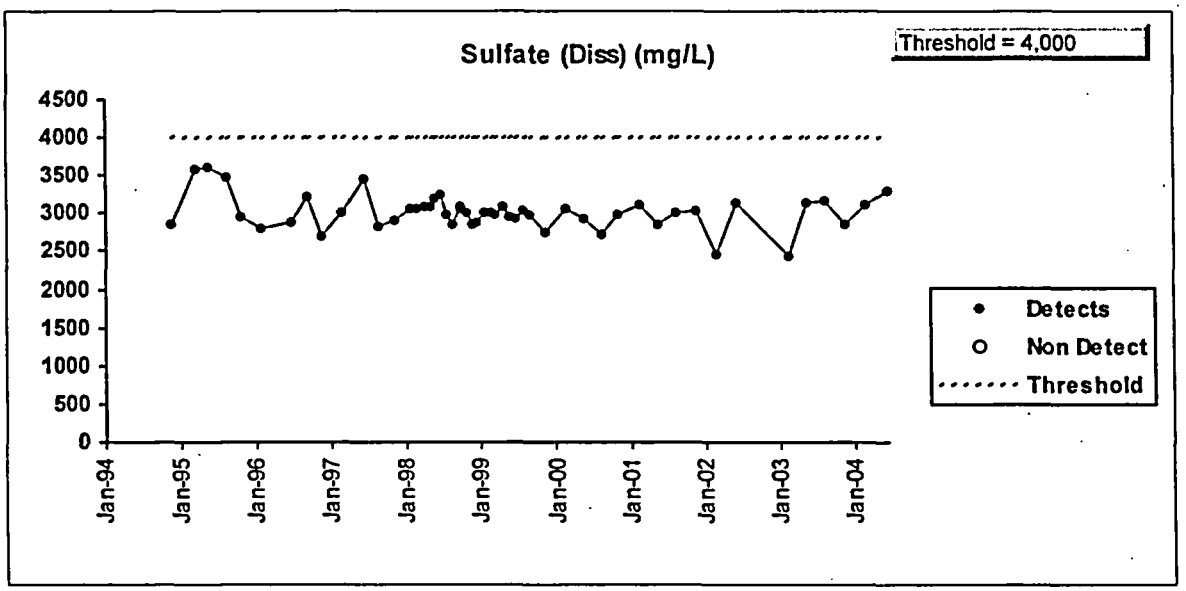
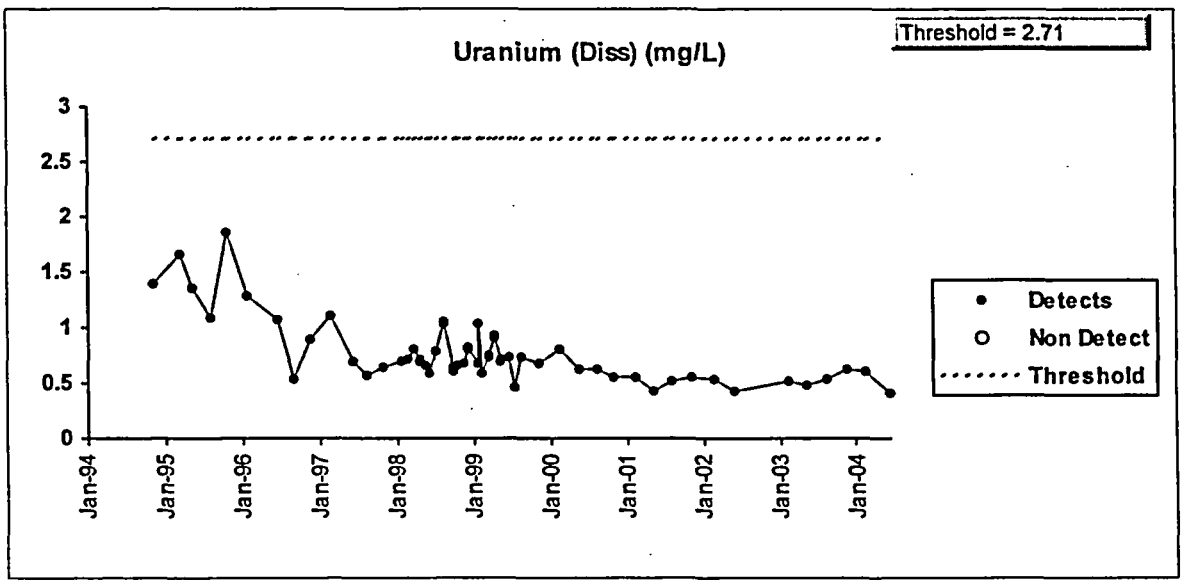
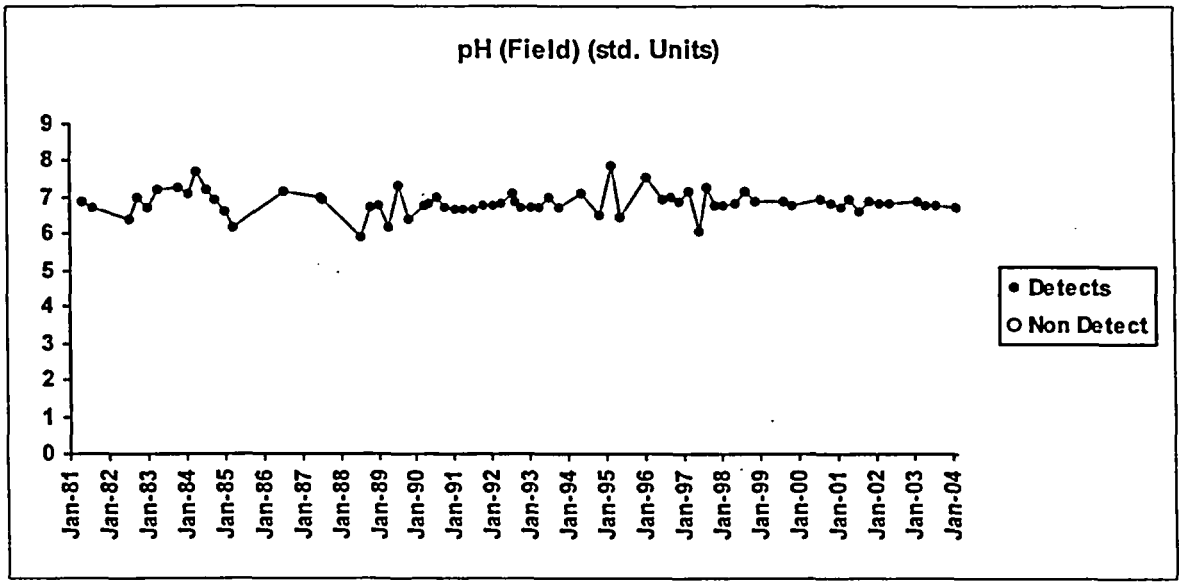
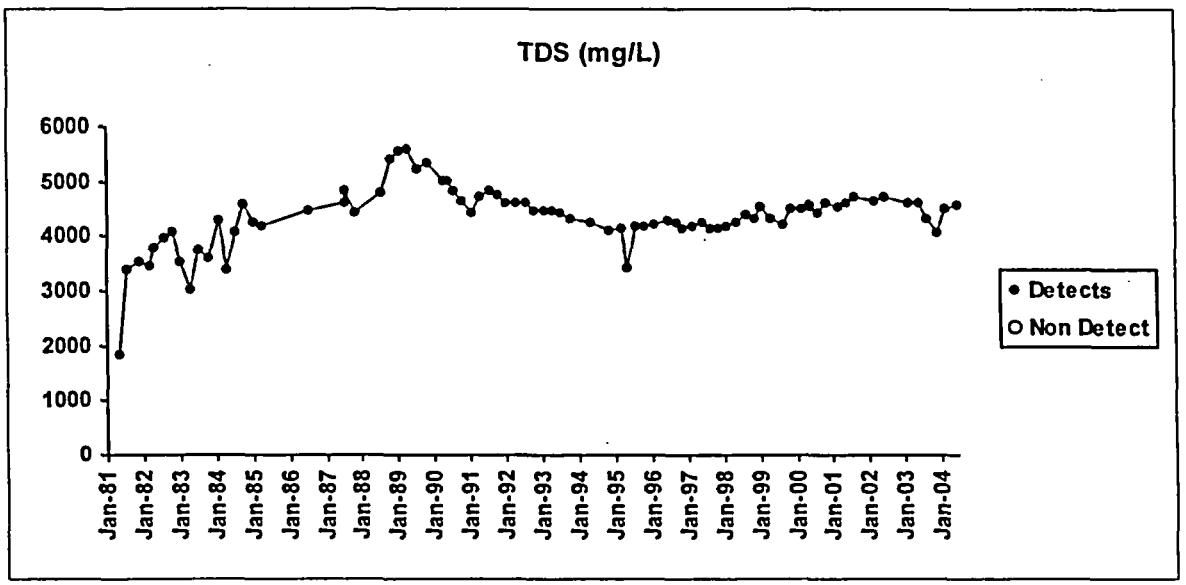


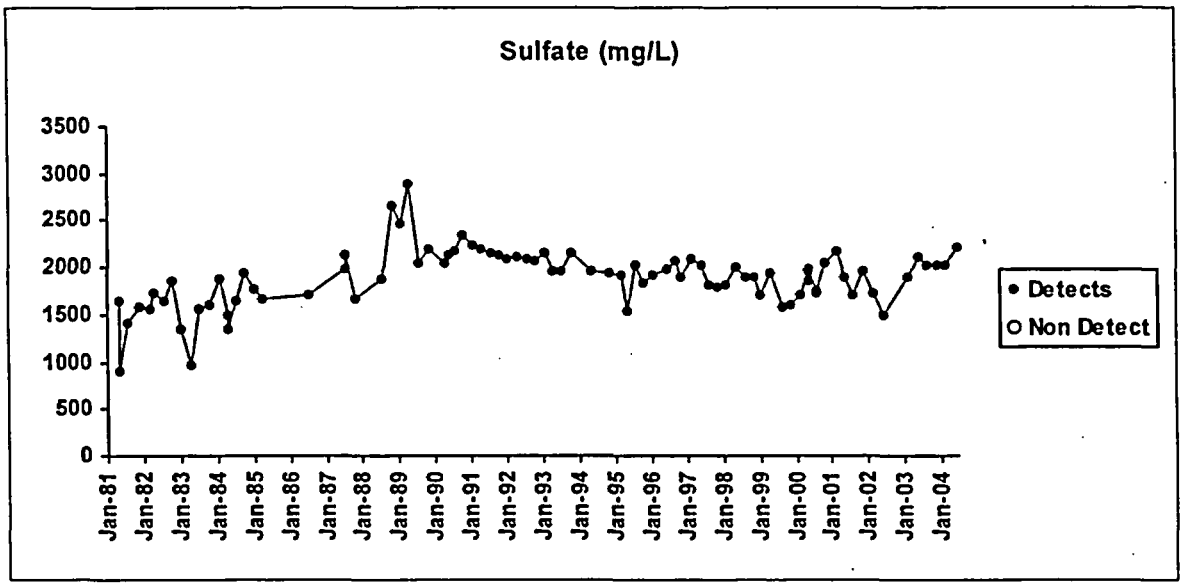


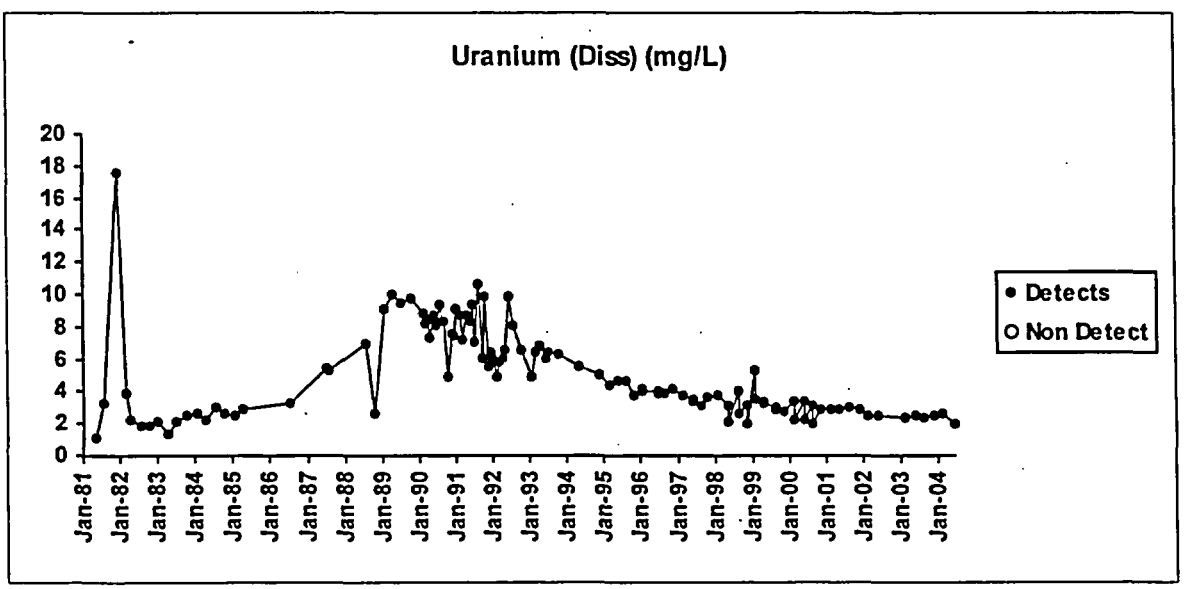
Jeffrey City WELL-5



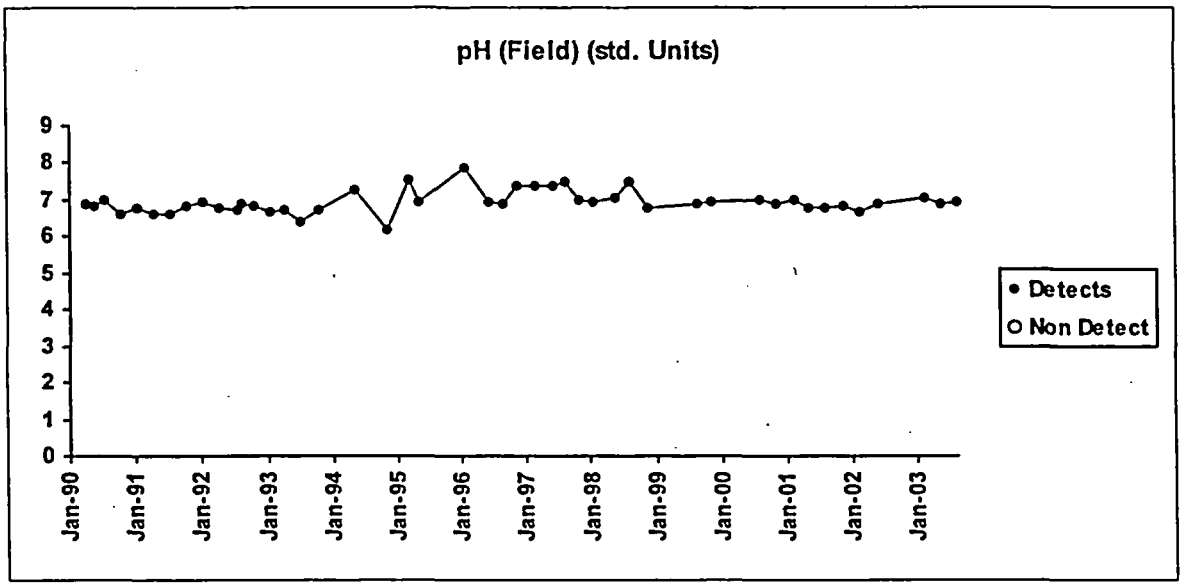


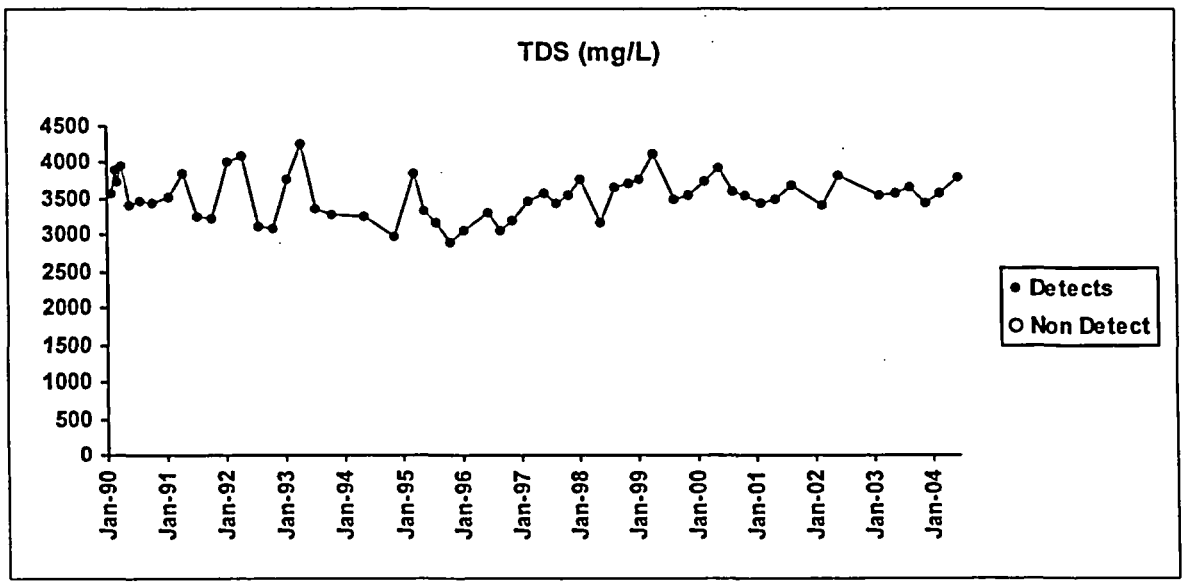
Jeffrey City WELL-5



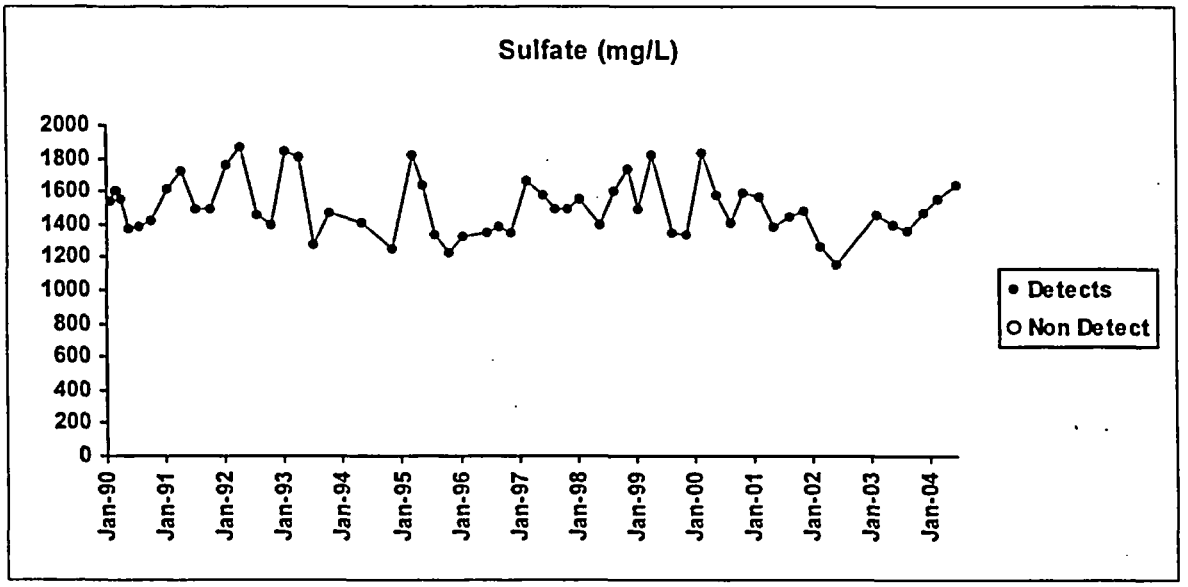


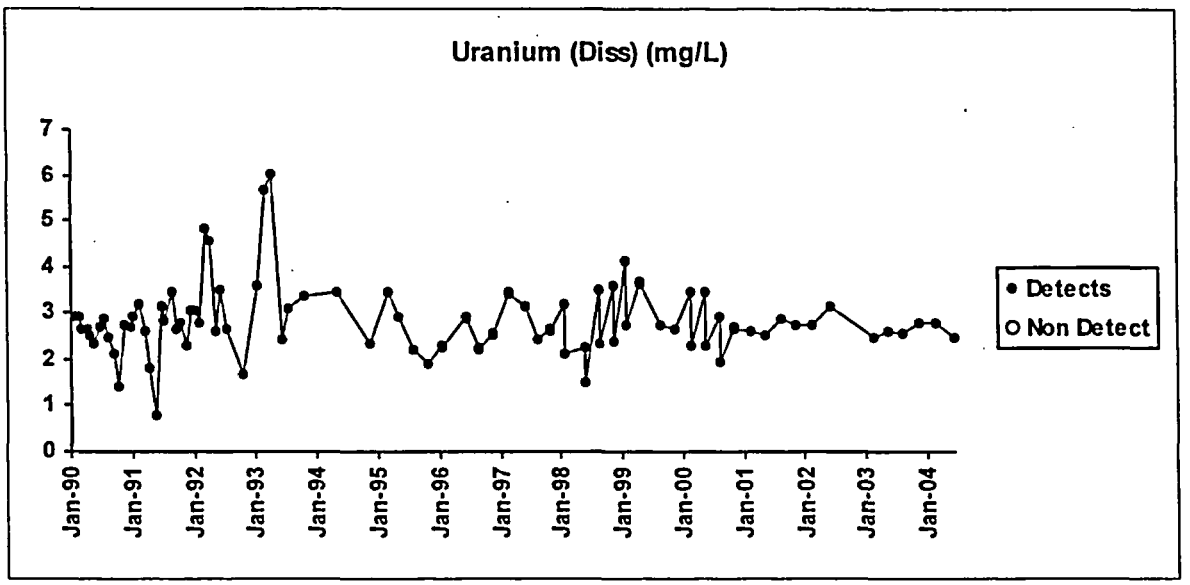
Jeffrey City WELL-5E



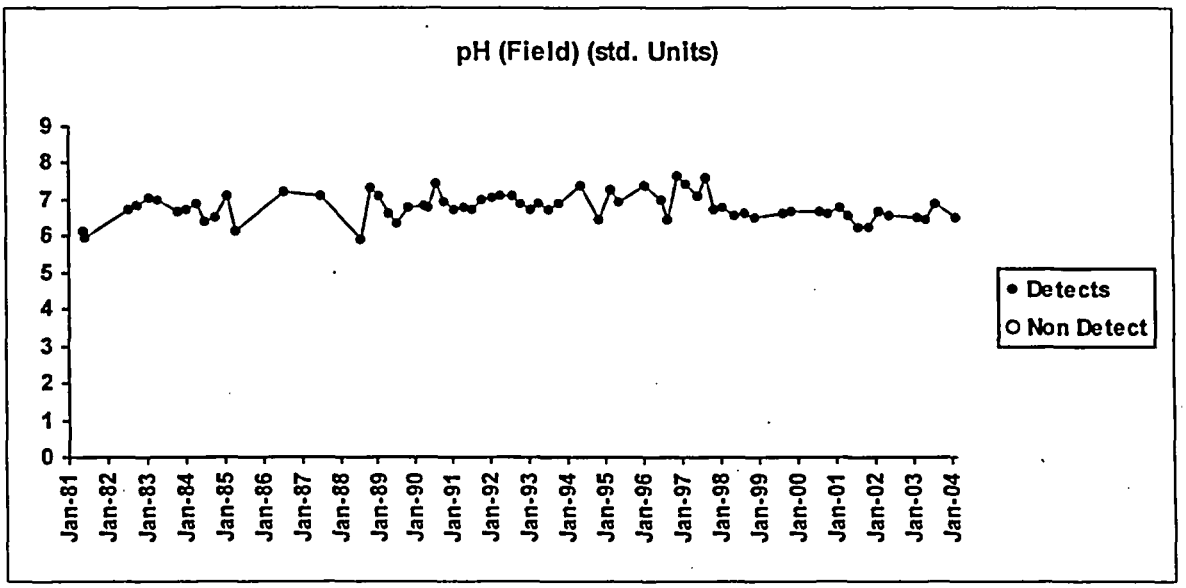


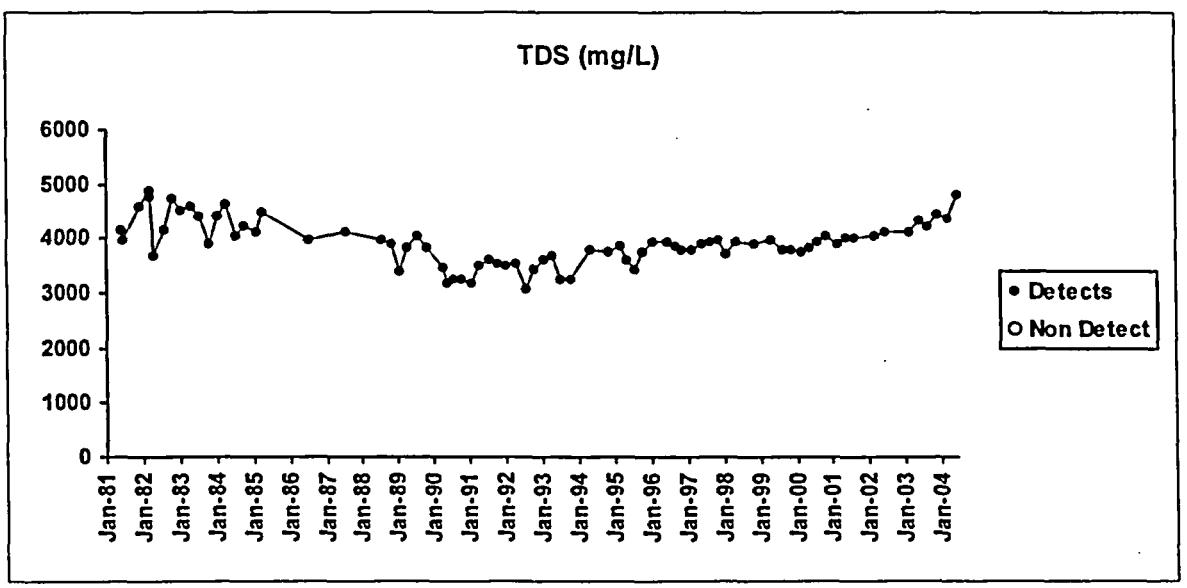
Jeffrey City WELL-5E



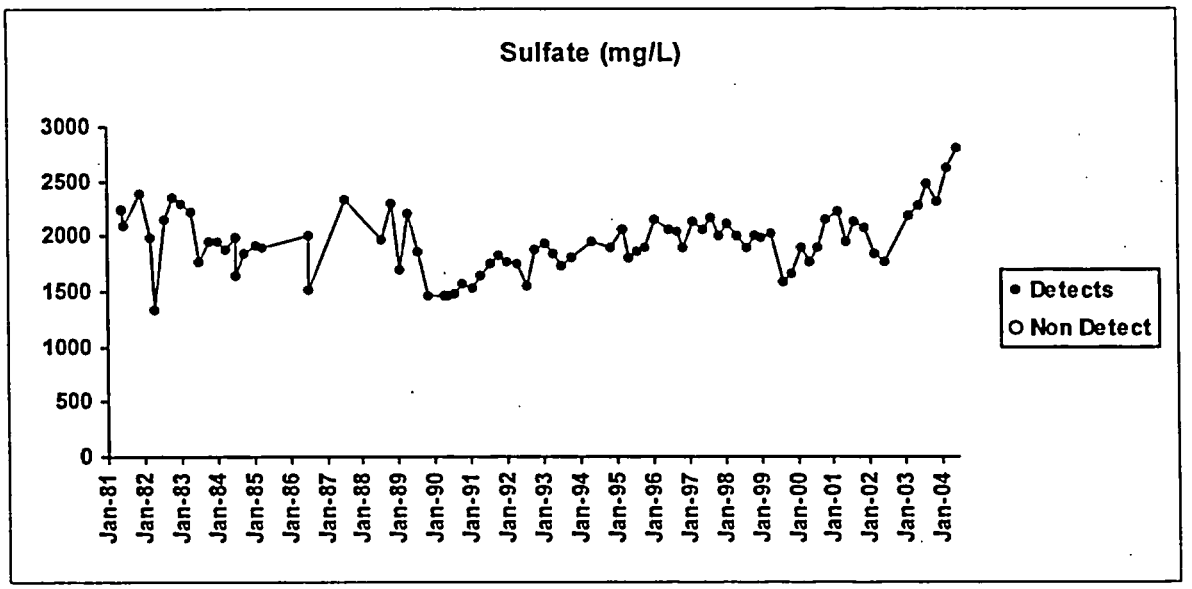


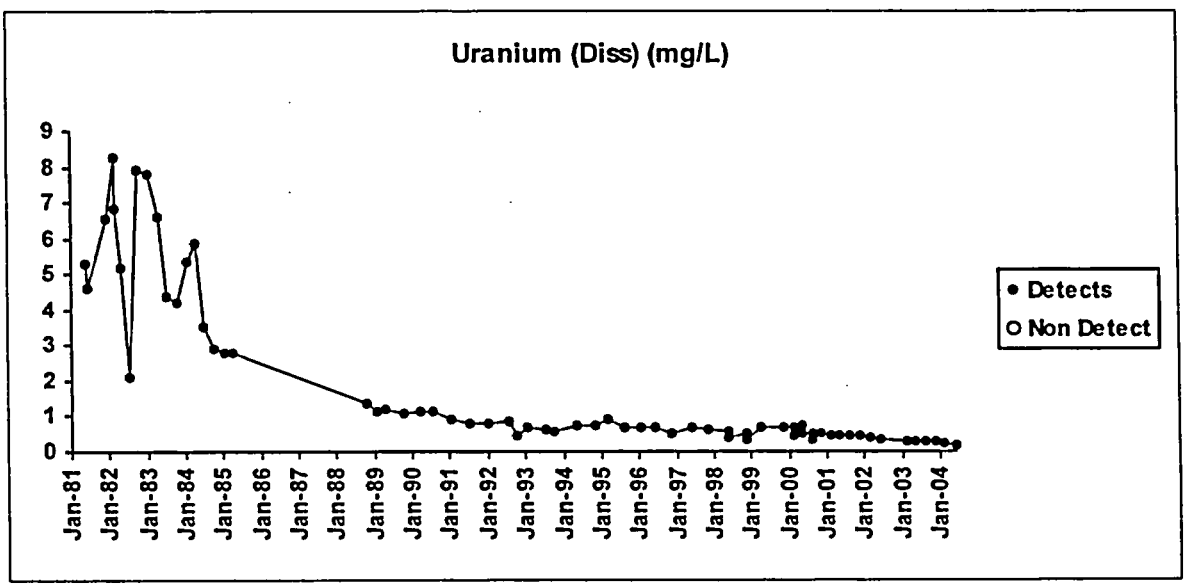
Jeffrey City WELL-7



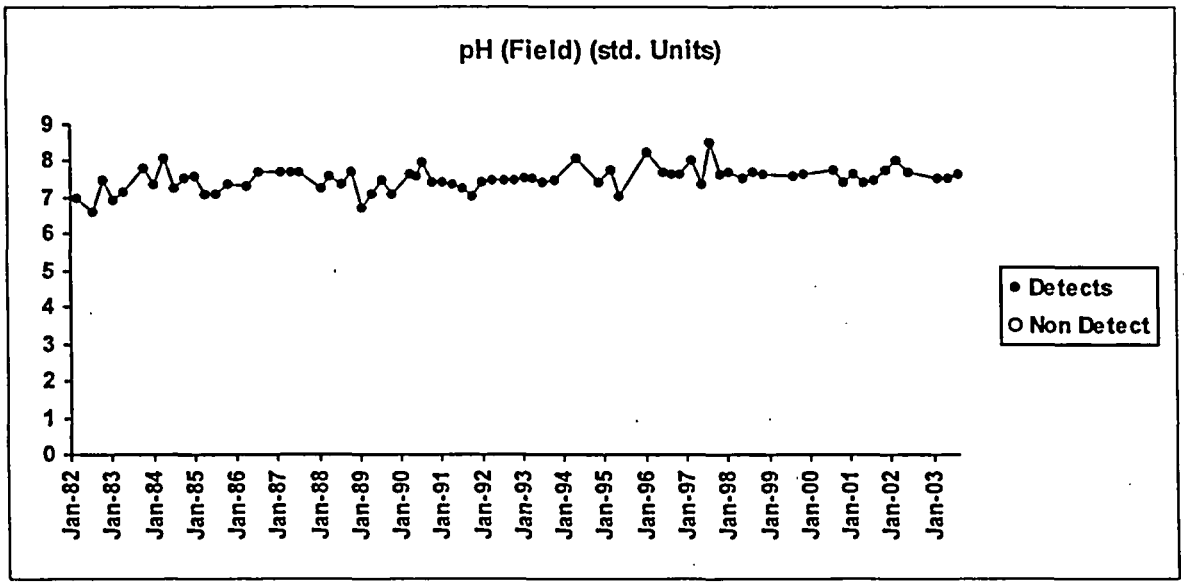


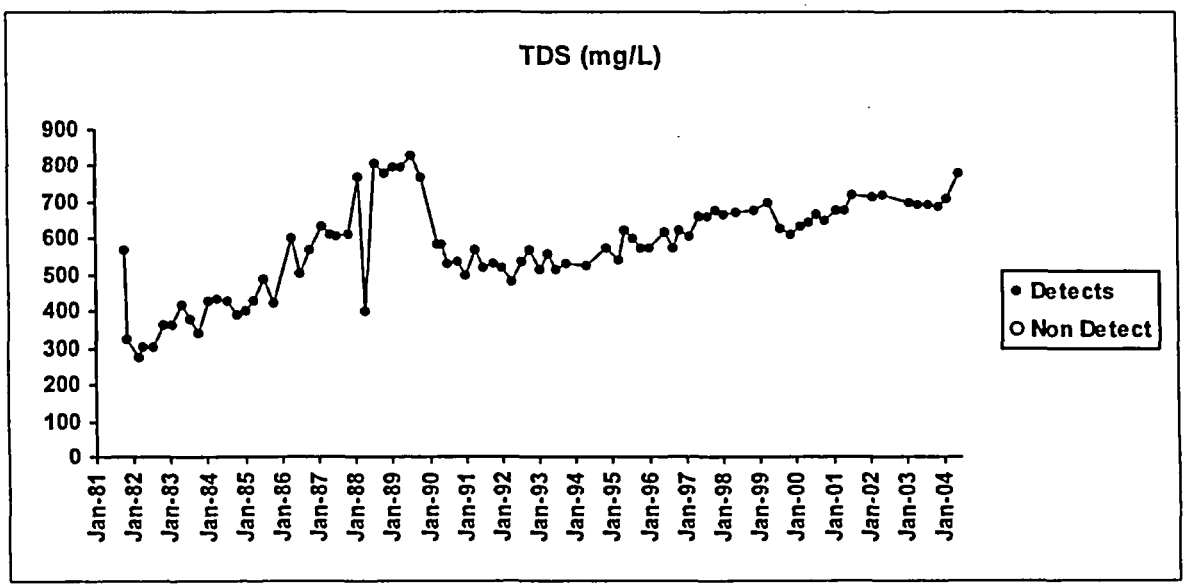
Jeffrey City WELL-7



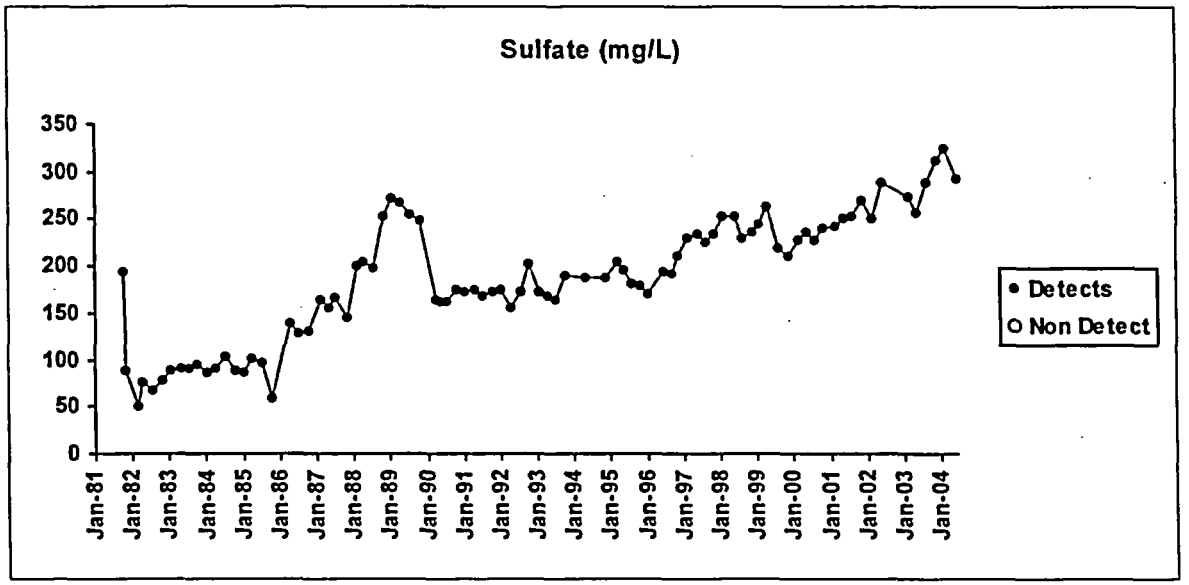


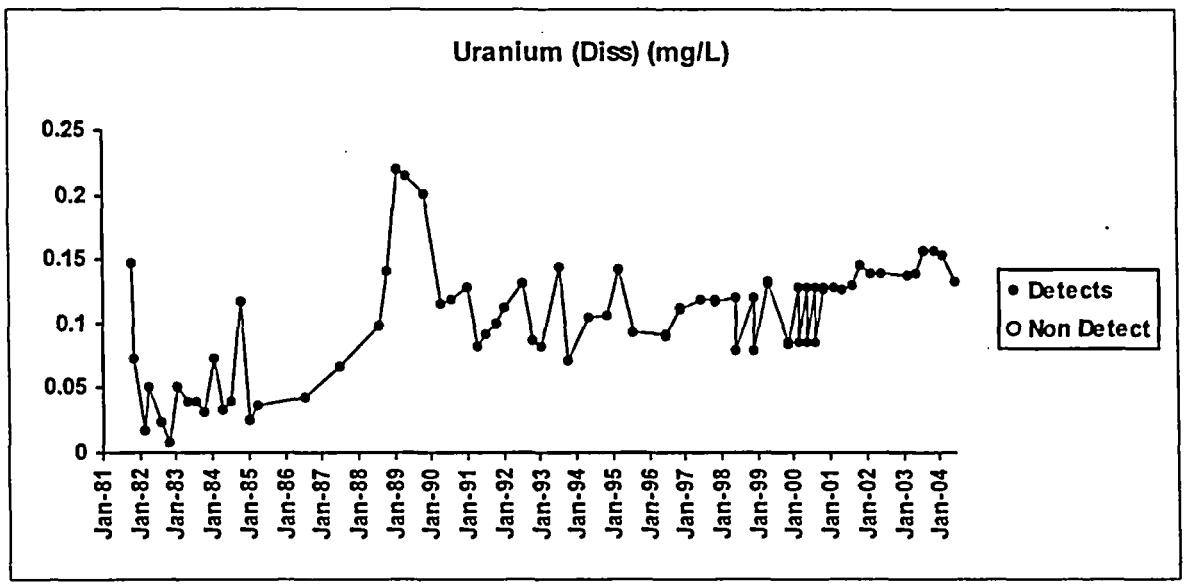
Jeffrey City WN-15



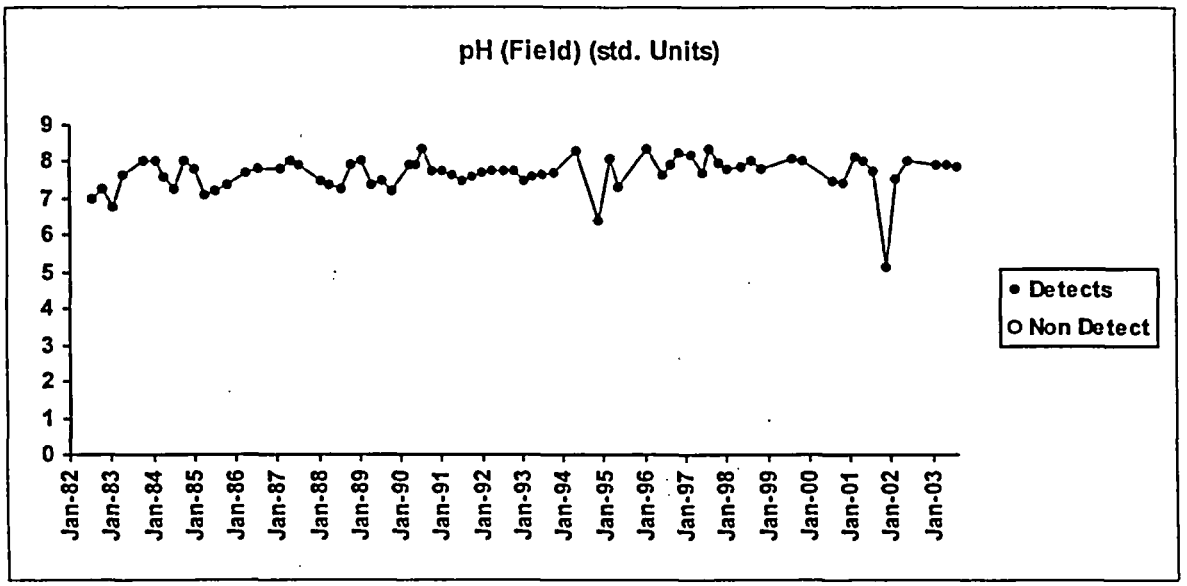


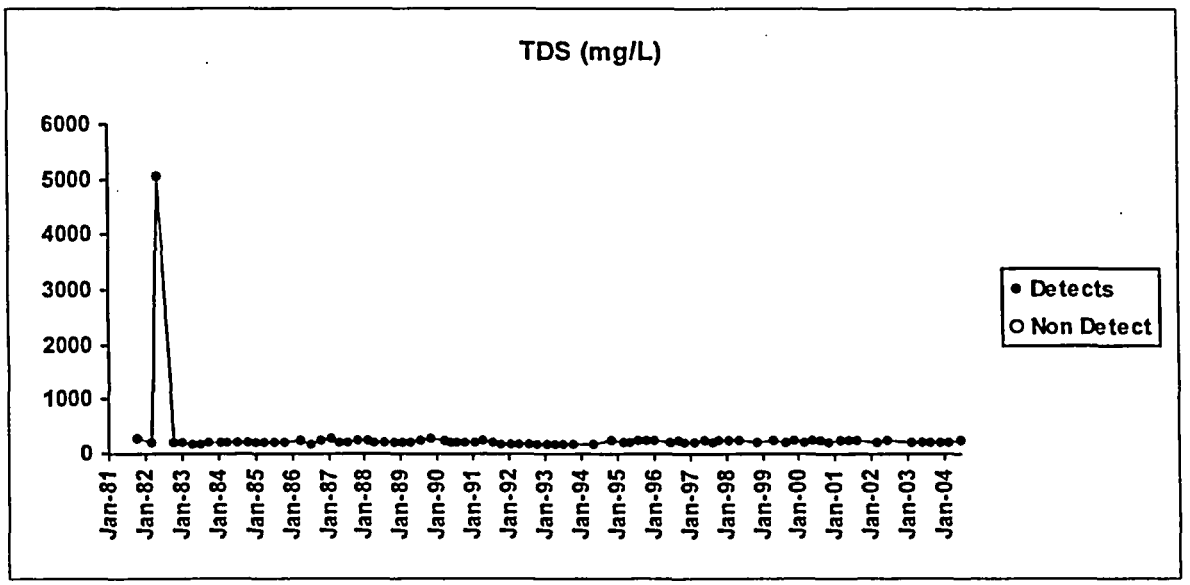
Jeffrey City WN-15



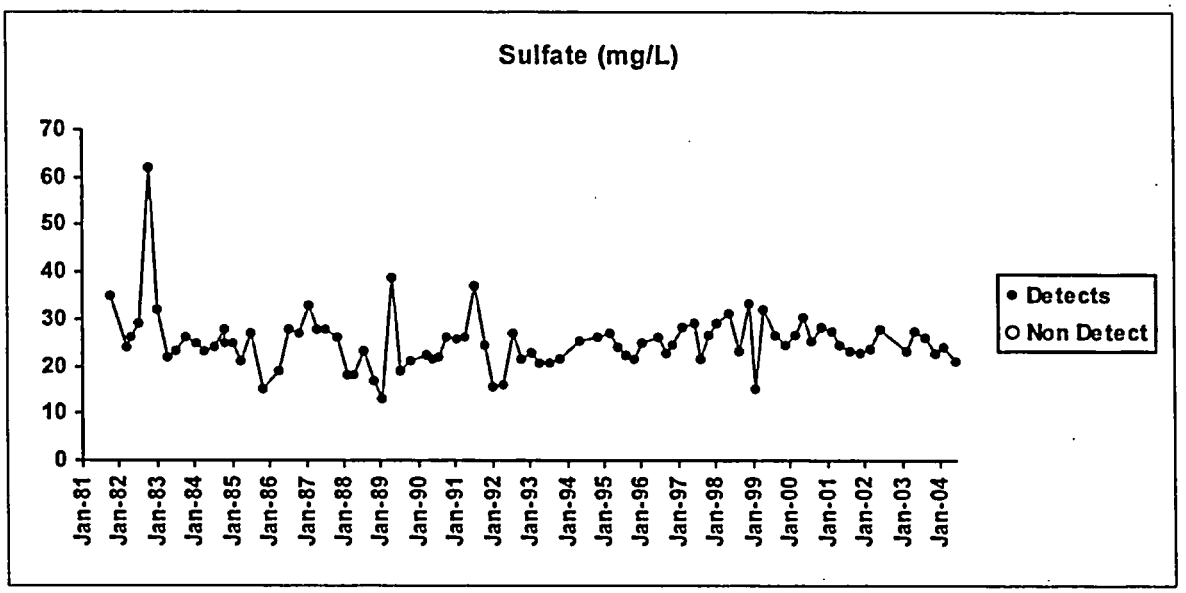


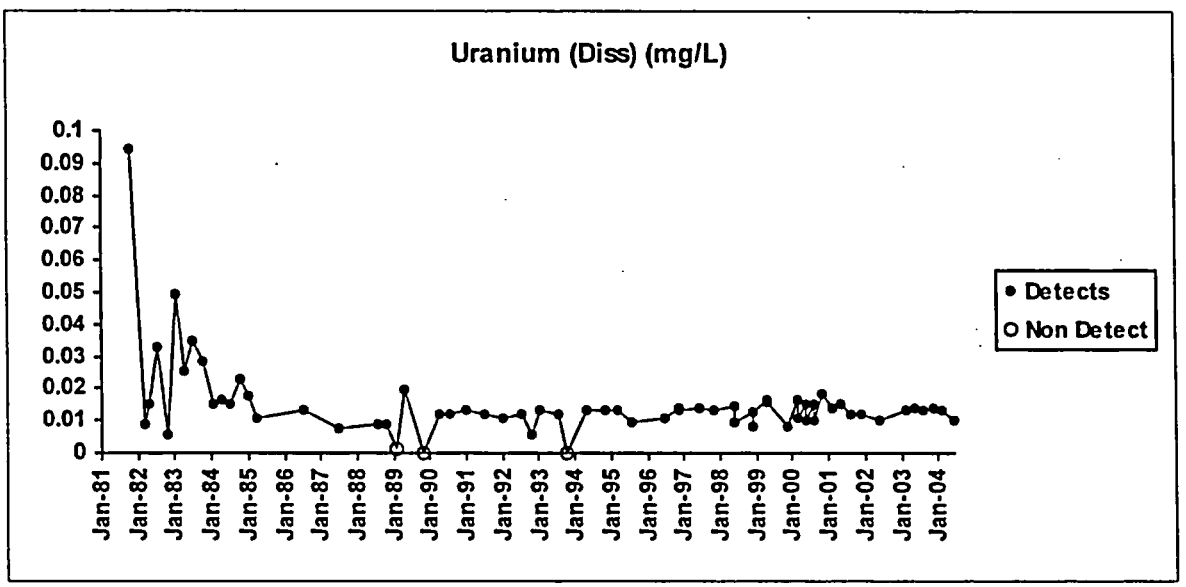
Jeffrey City WN-16





Jeffrey City WN-16





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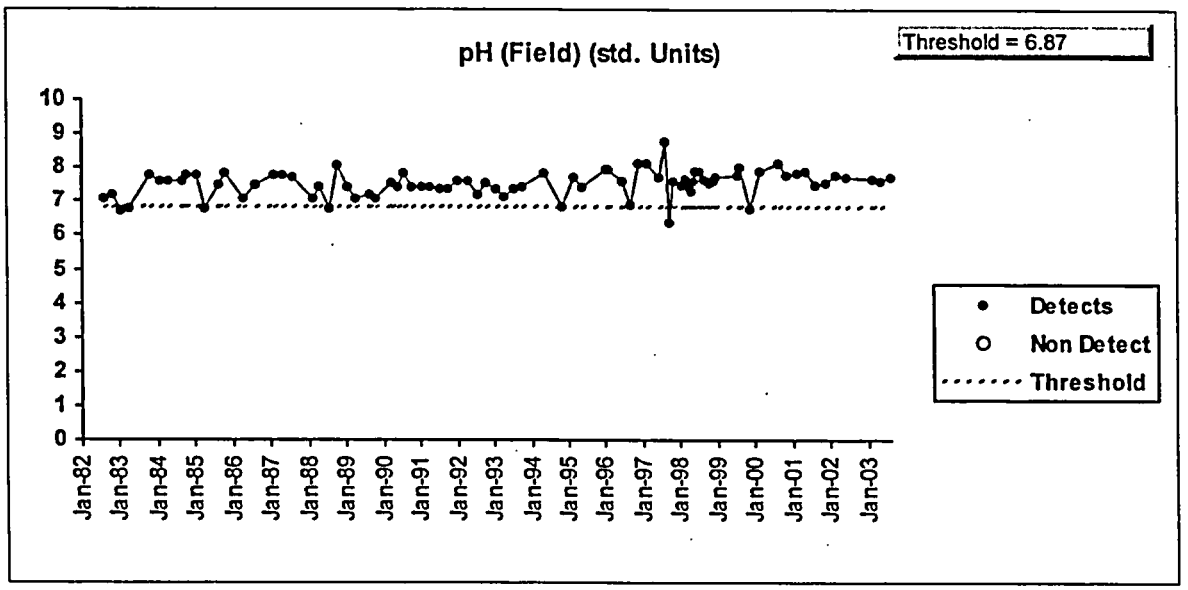
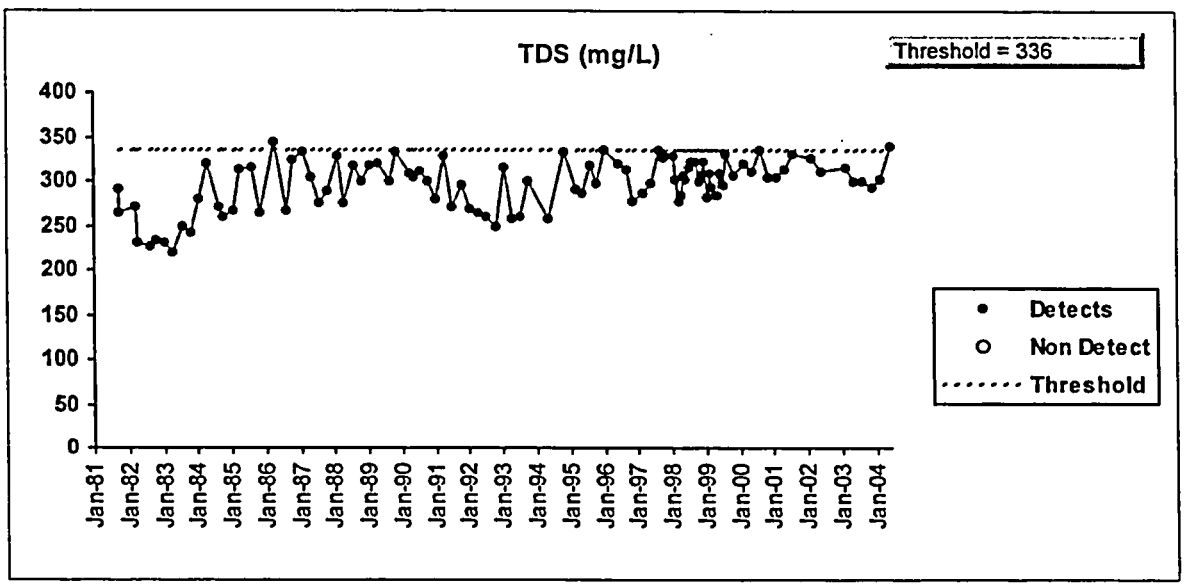
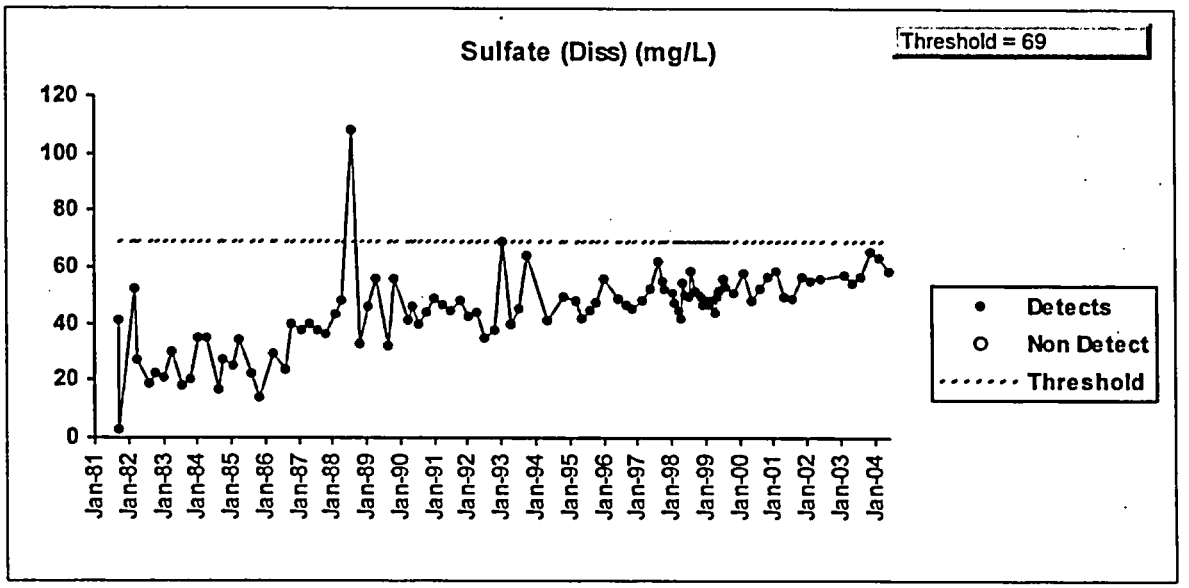
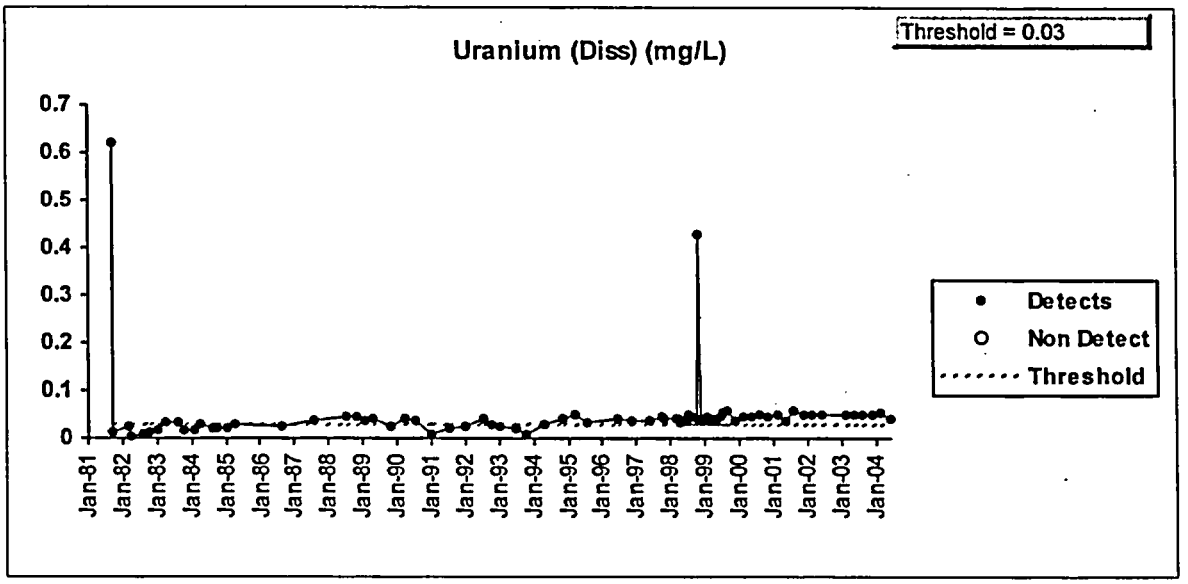


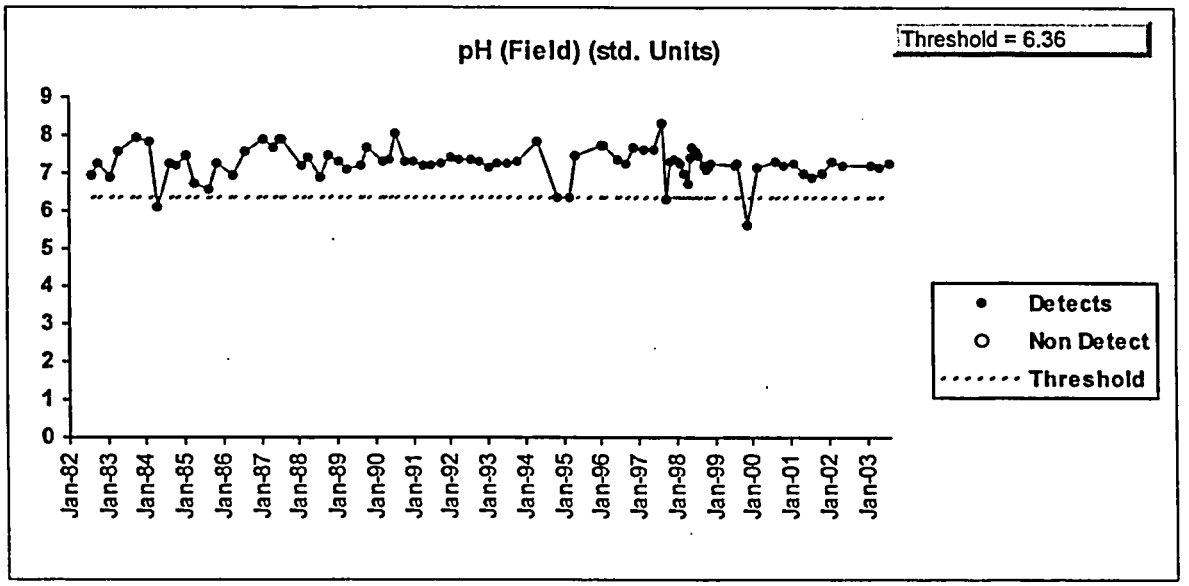


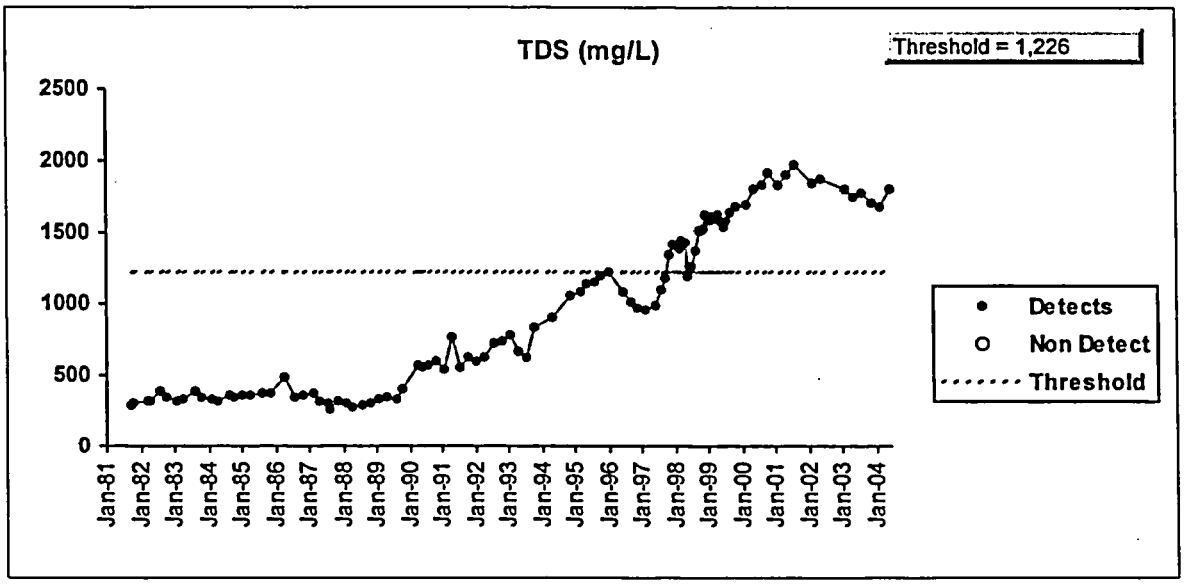
Jeffrey City WN-17



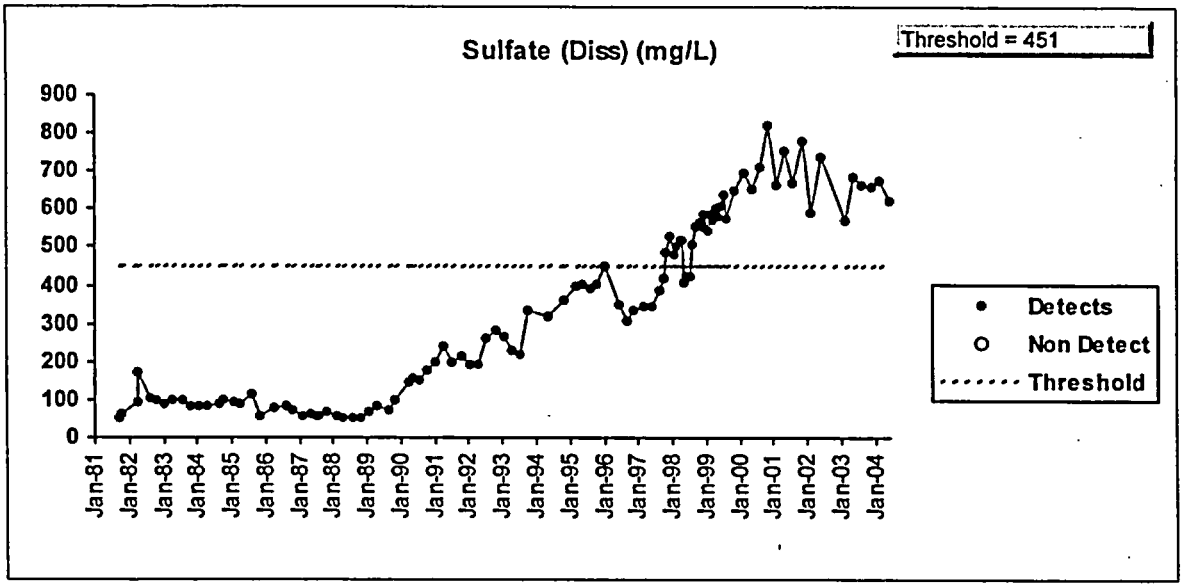


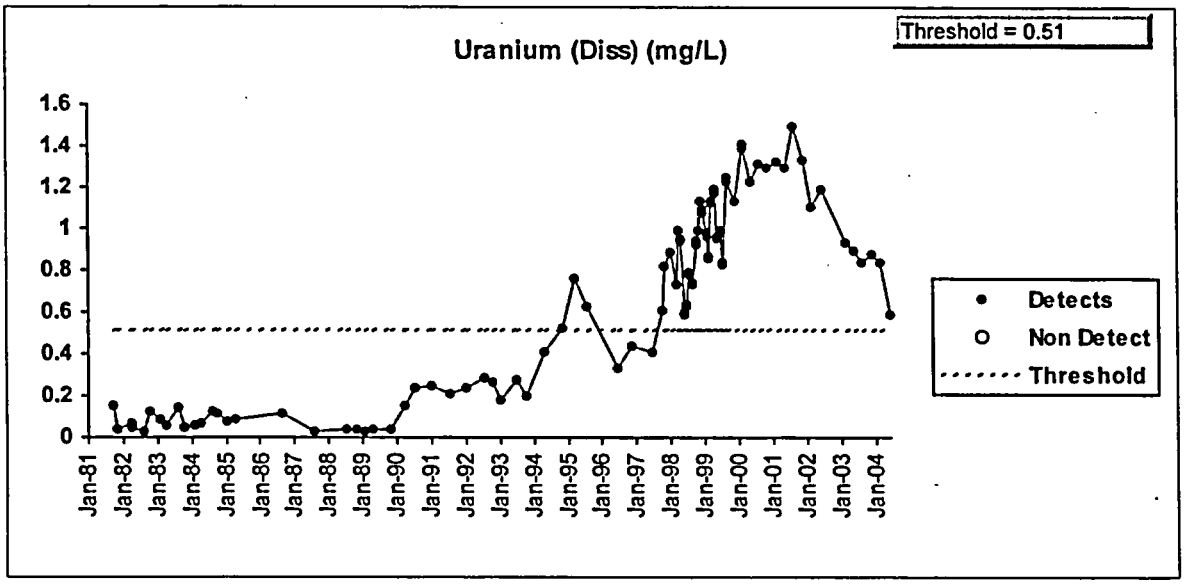
Jeffrey City WN-18



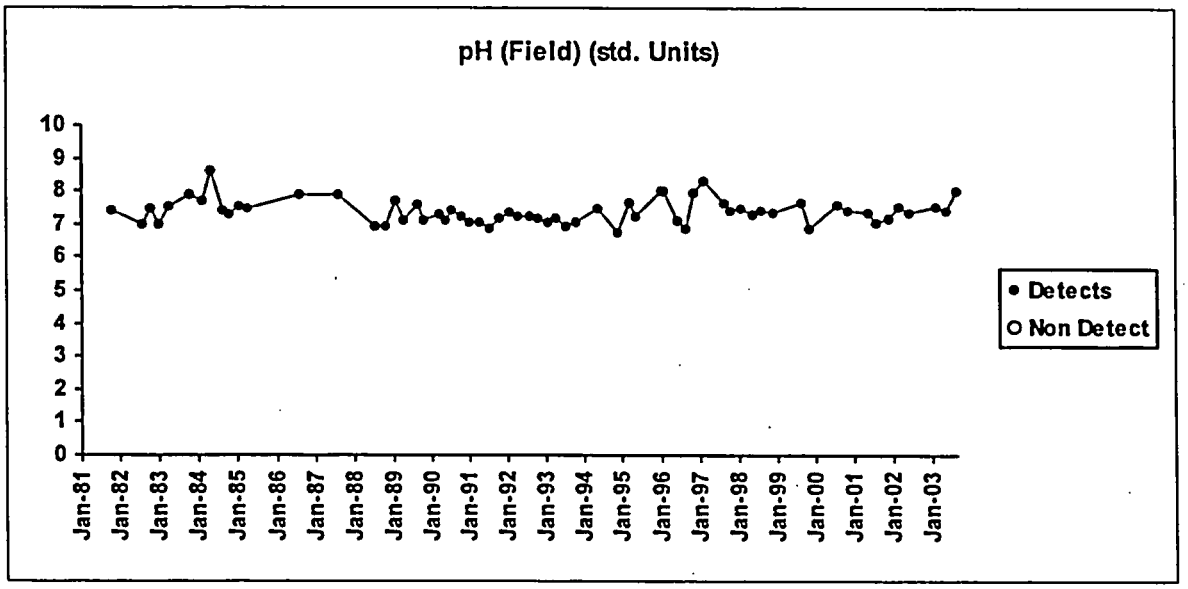


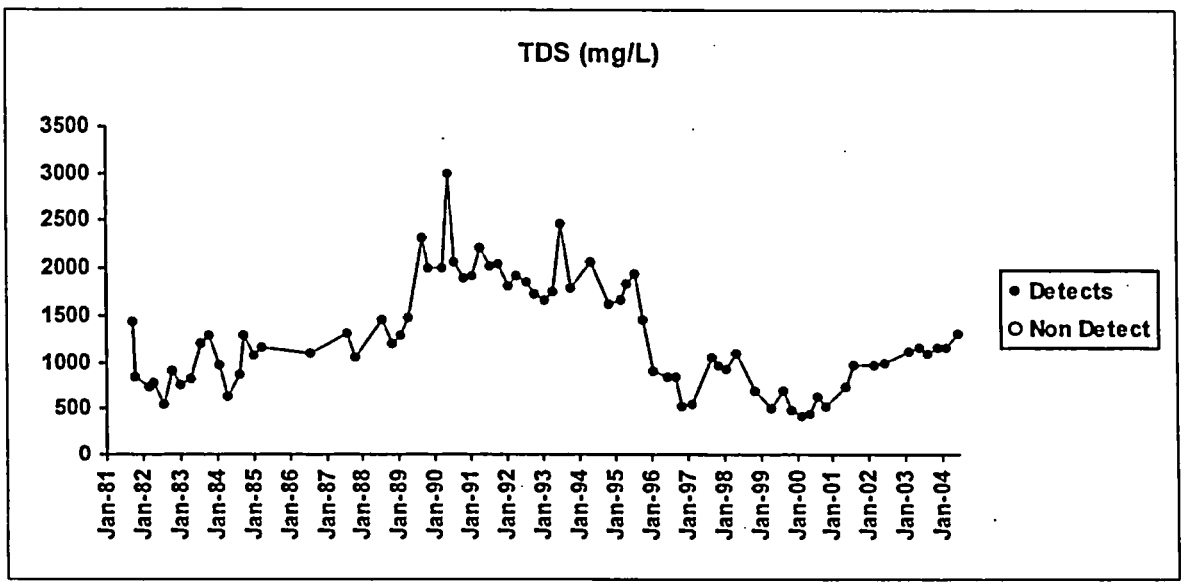
Jeffrey City WN-18



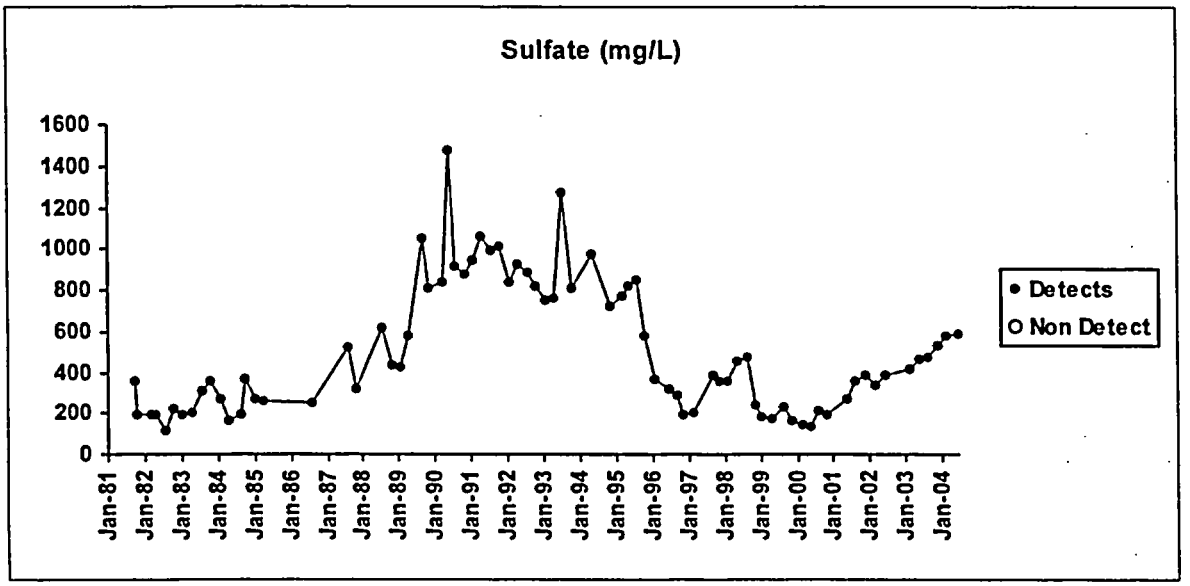


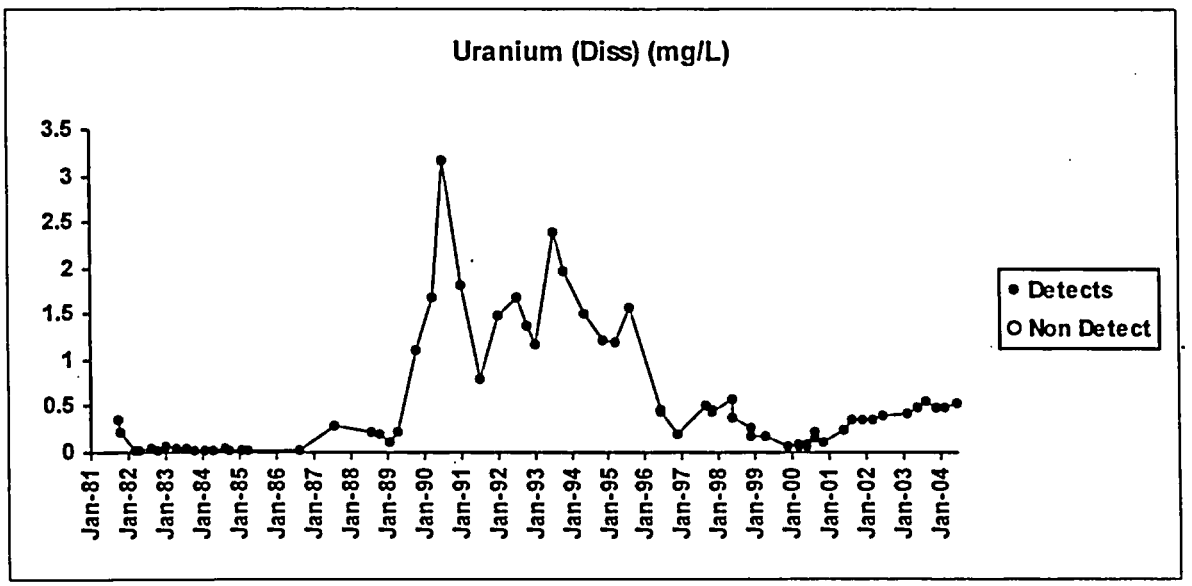
Jeffrey City WN-19



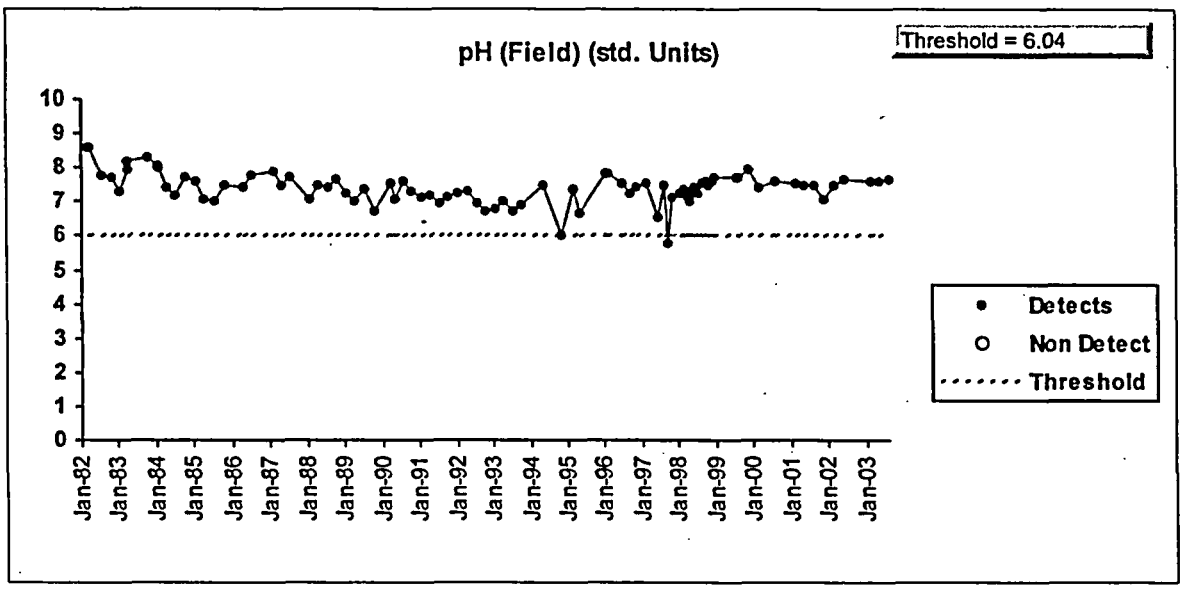


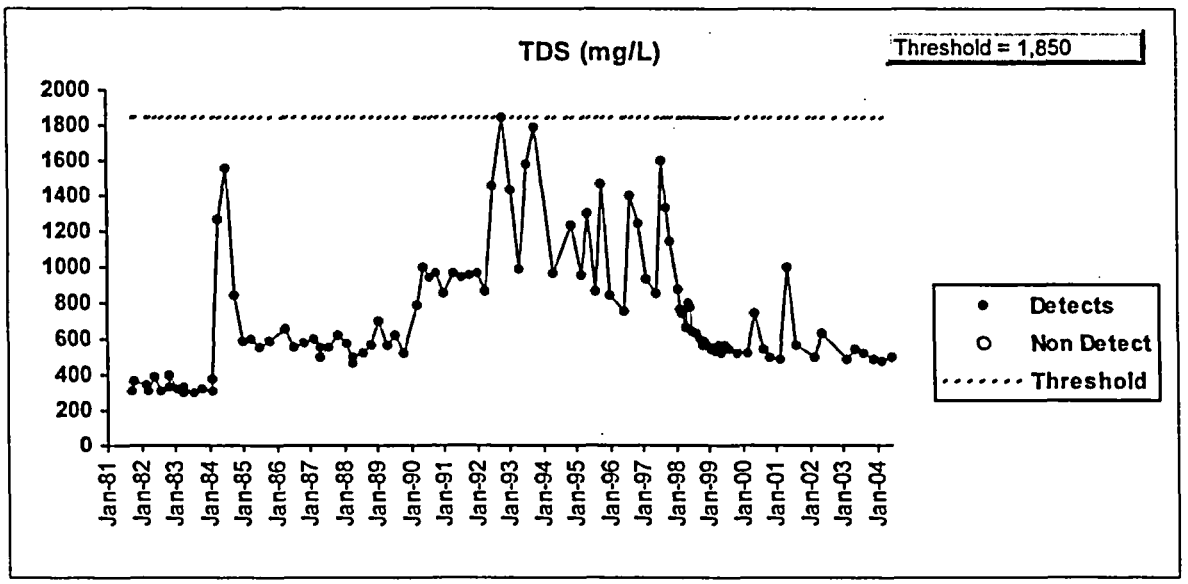
Jeffrey City WN-19



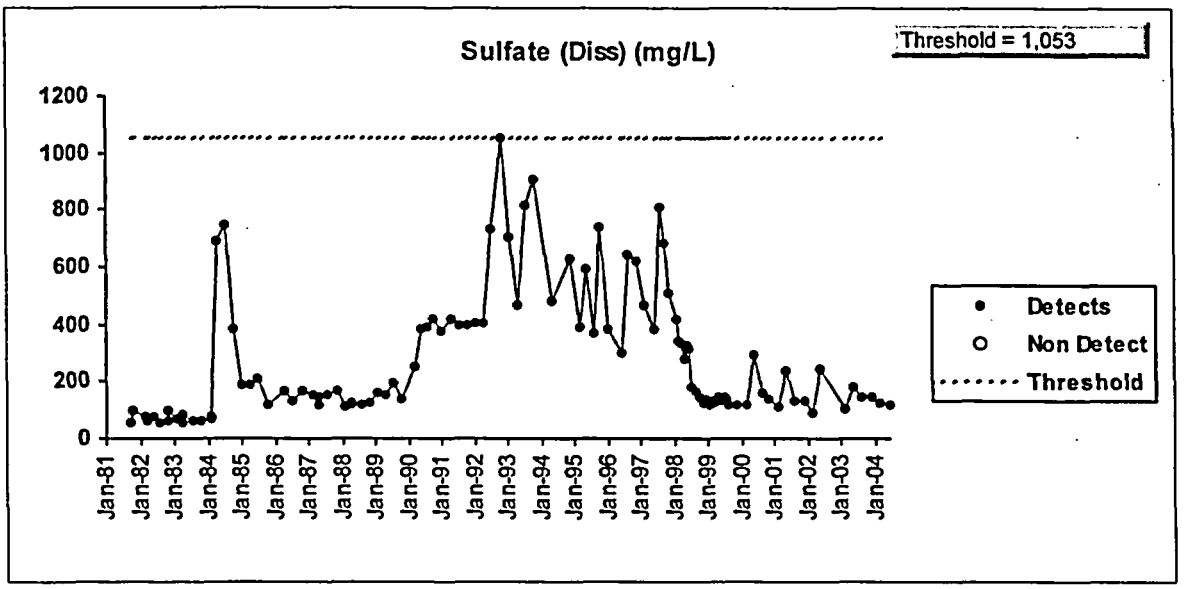


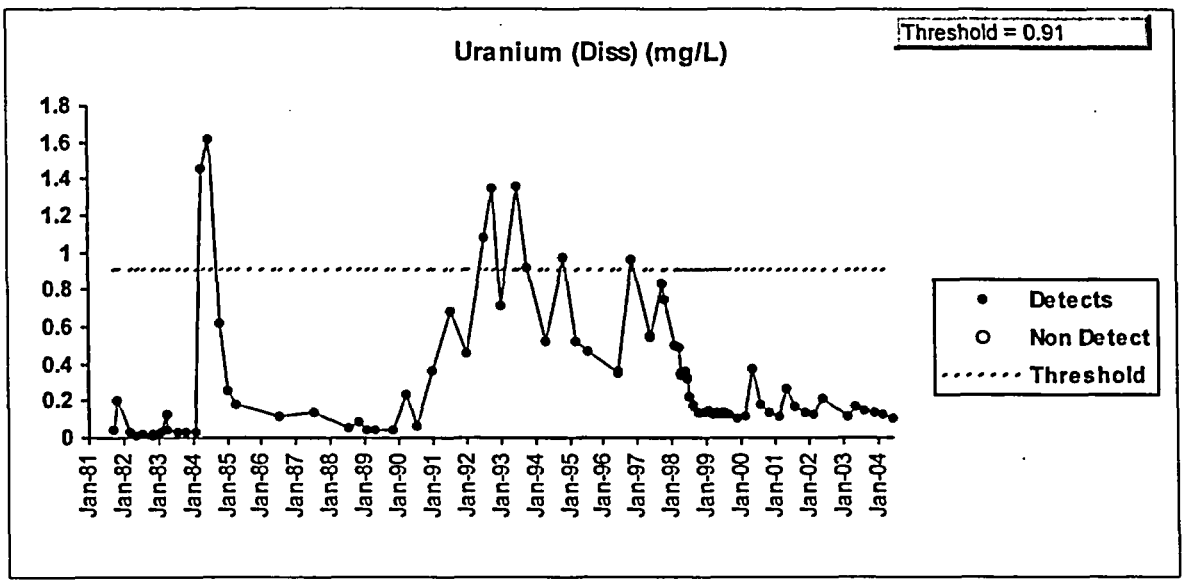
Jeffrey City WN-21 (POC)



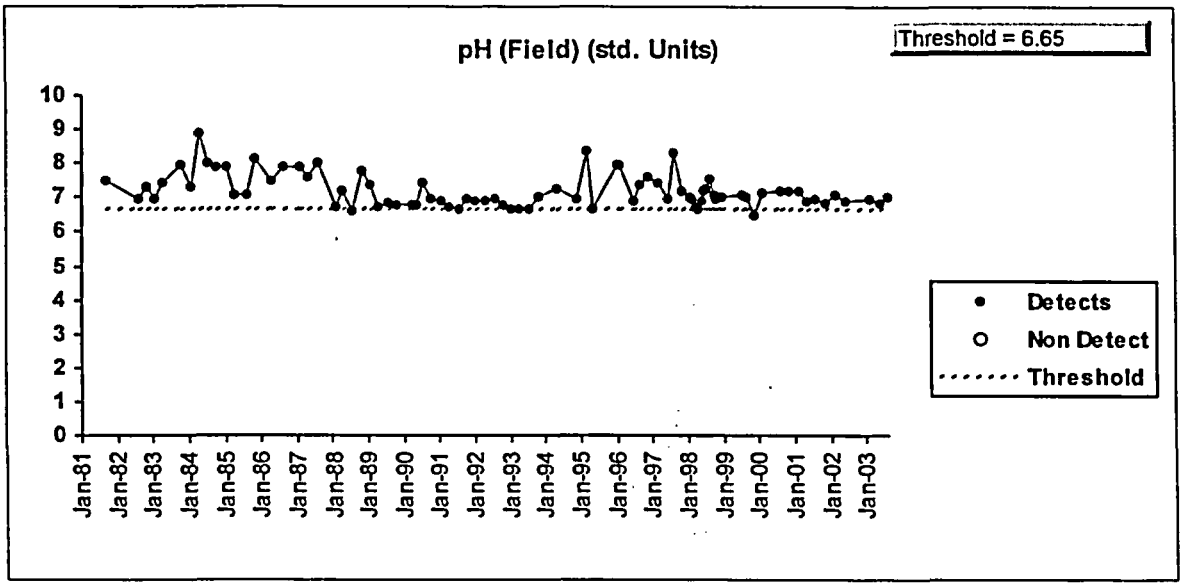


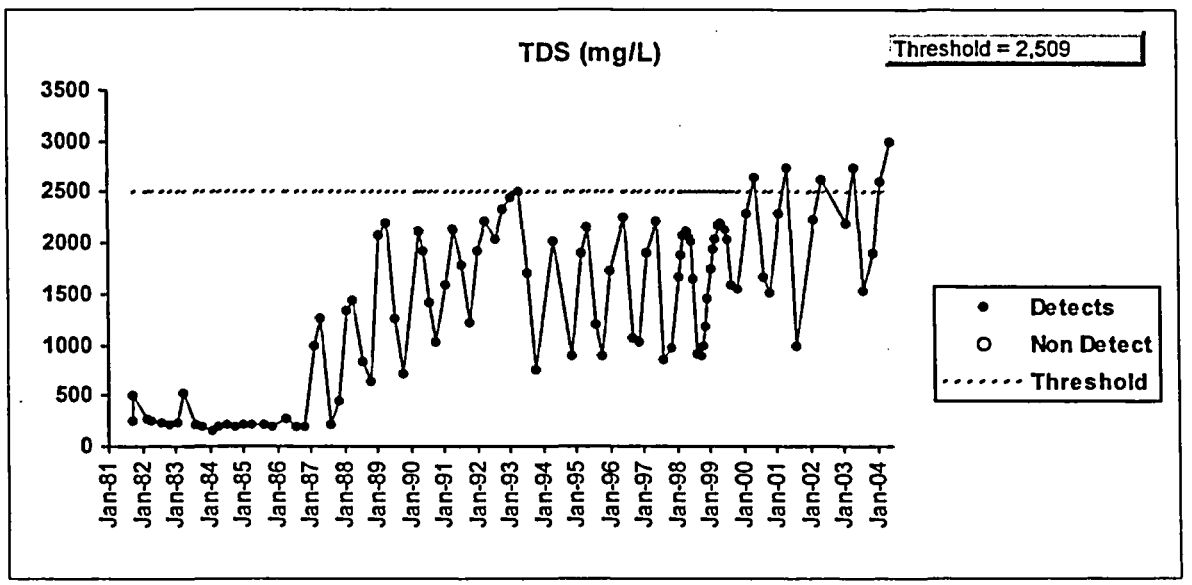
Jeffrey City WN-21 (POC)



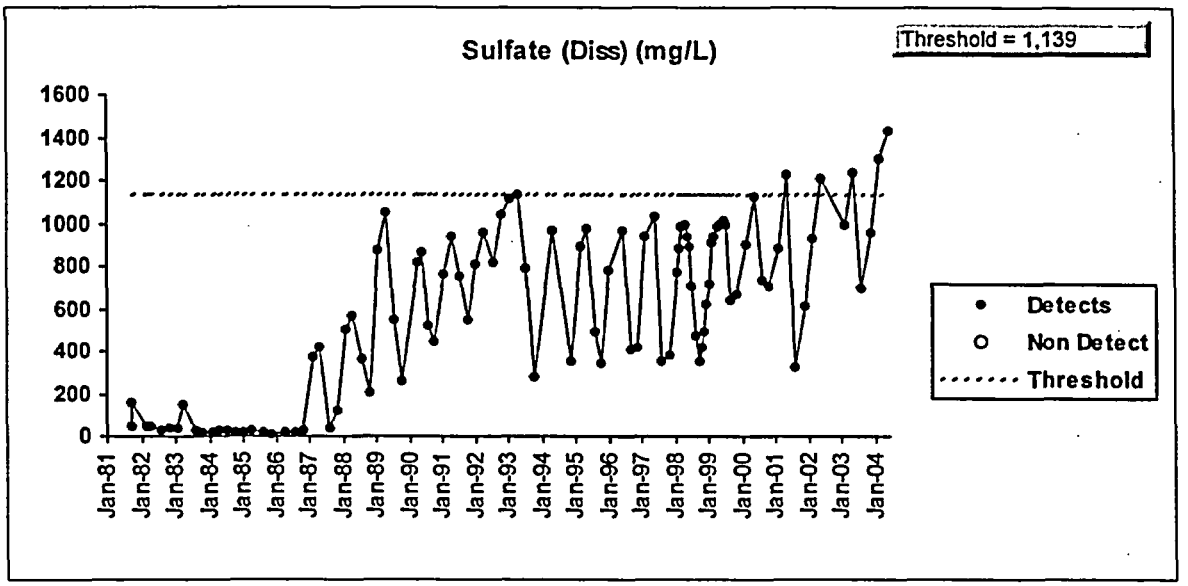


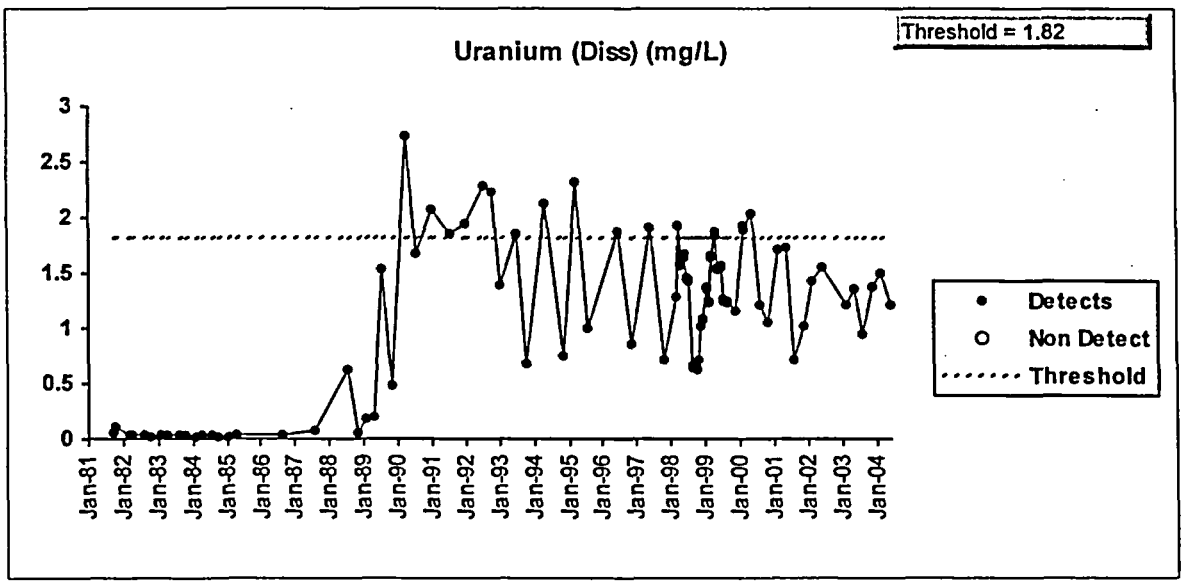
Jeffrey City WN-23



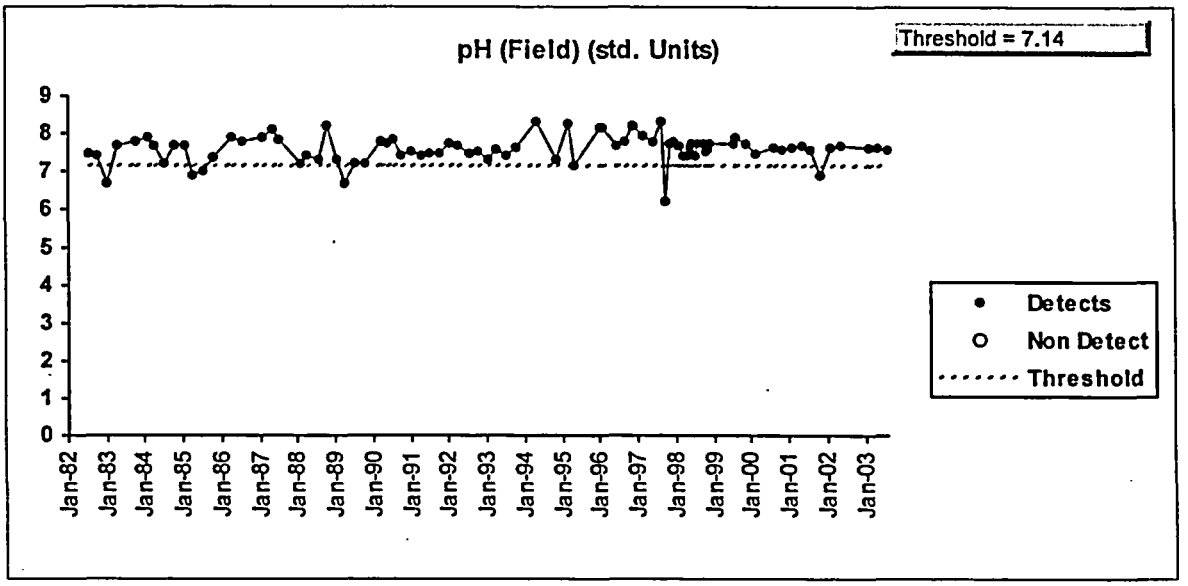


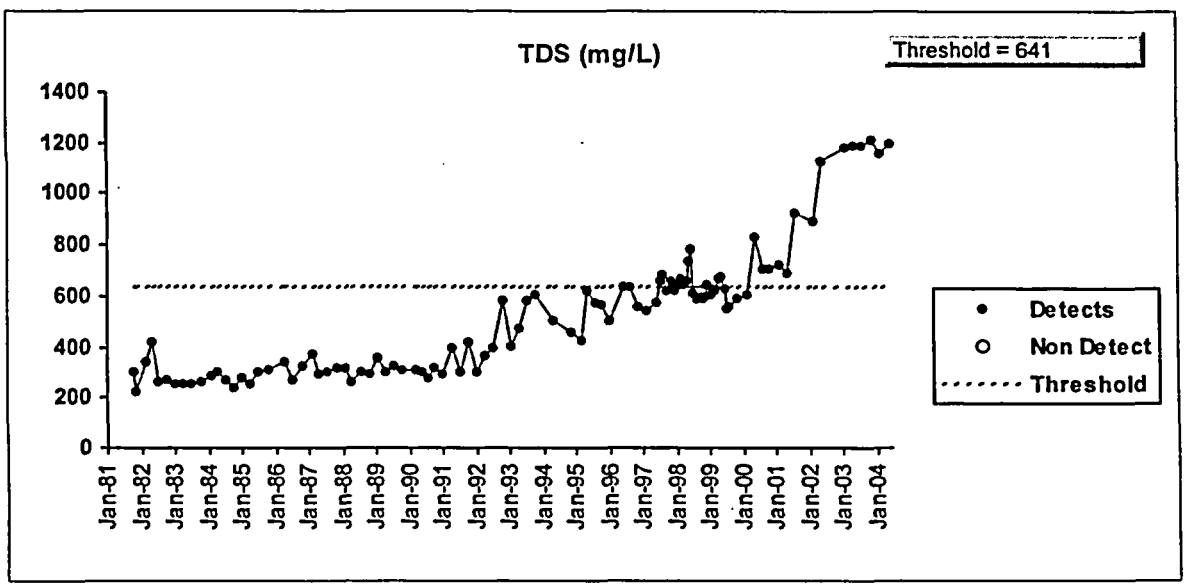
Jeffrey City WN-23



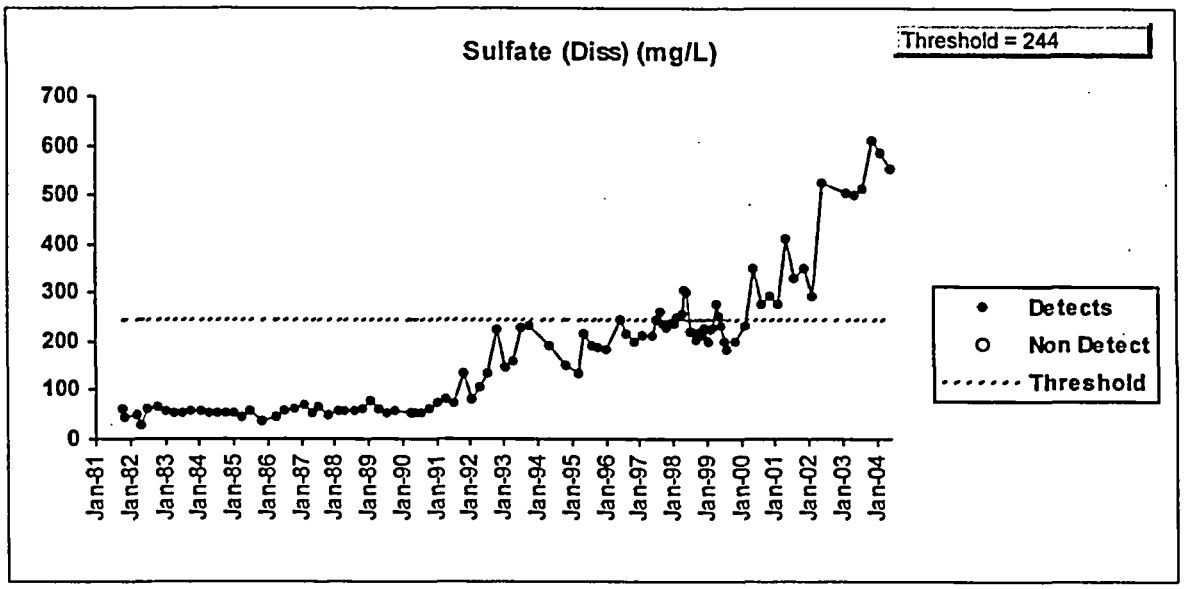


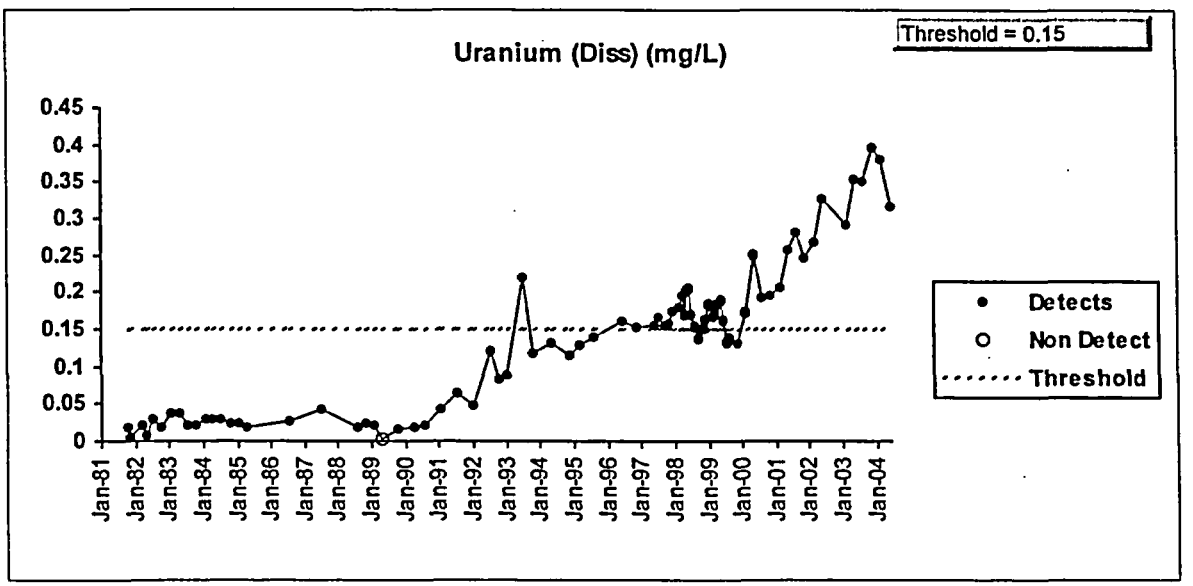
Jeffrey City WN-24



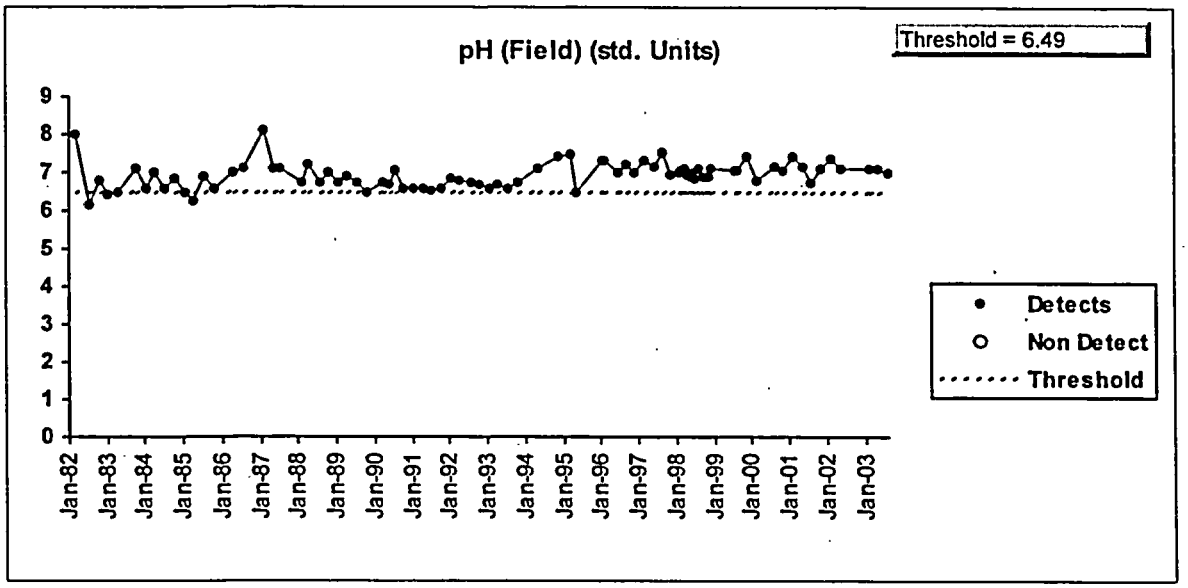


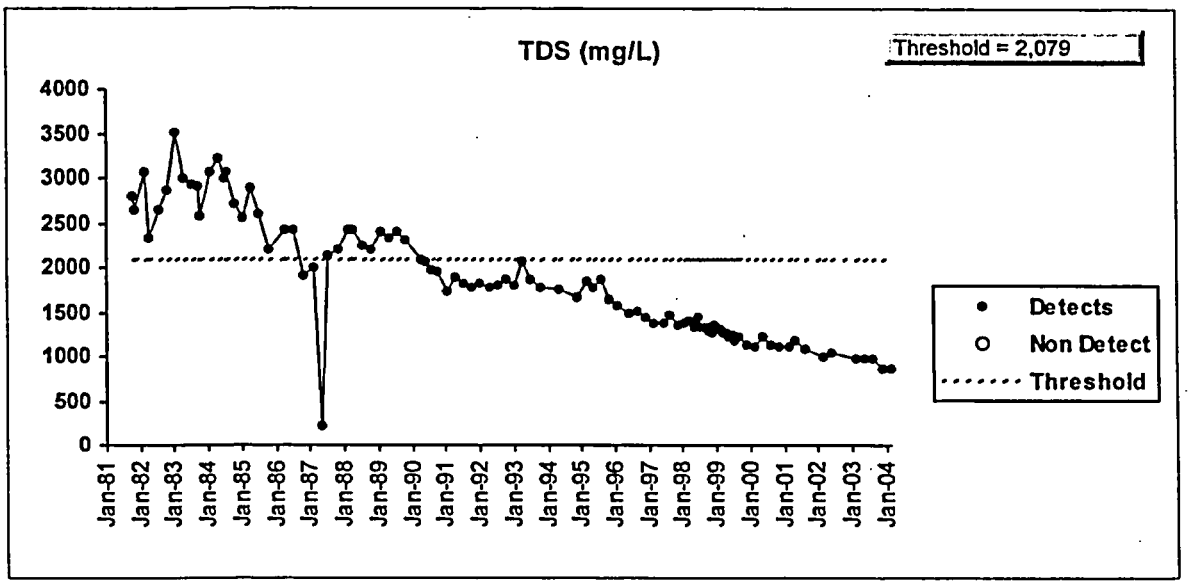
Jeffrey City WN-24



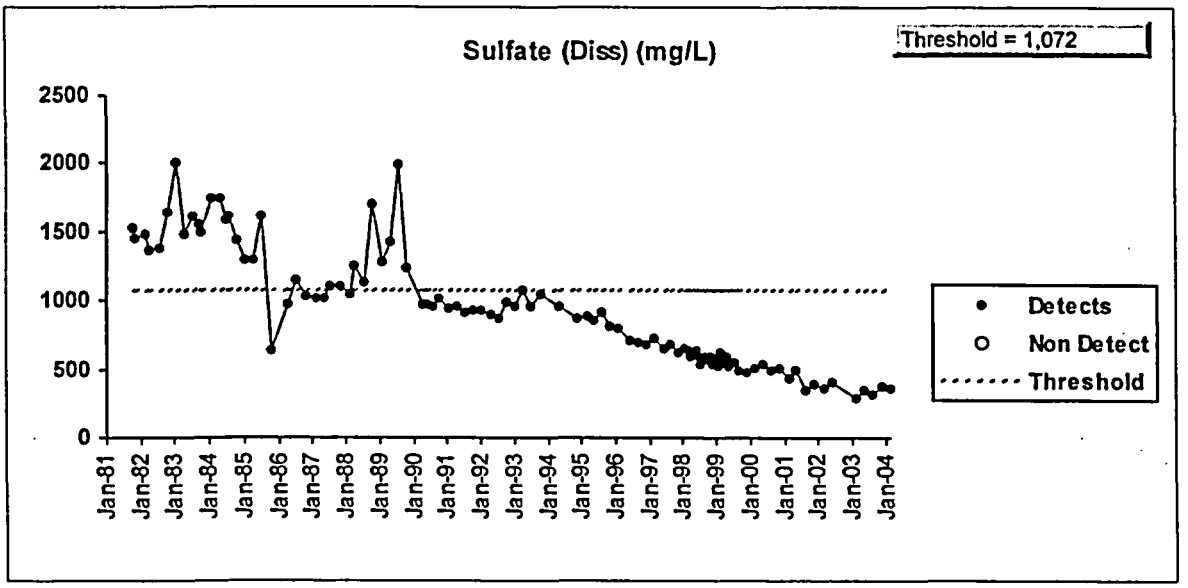


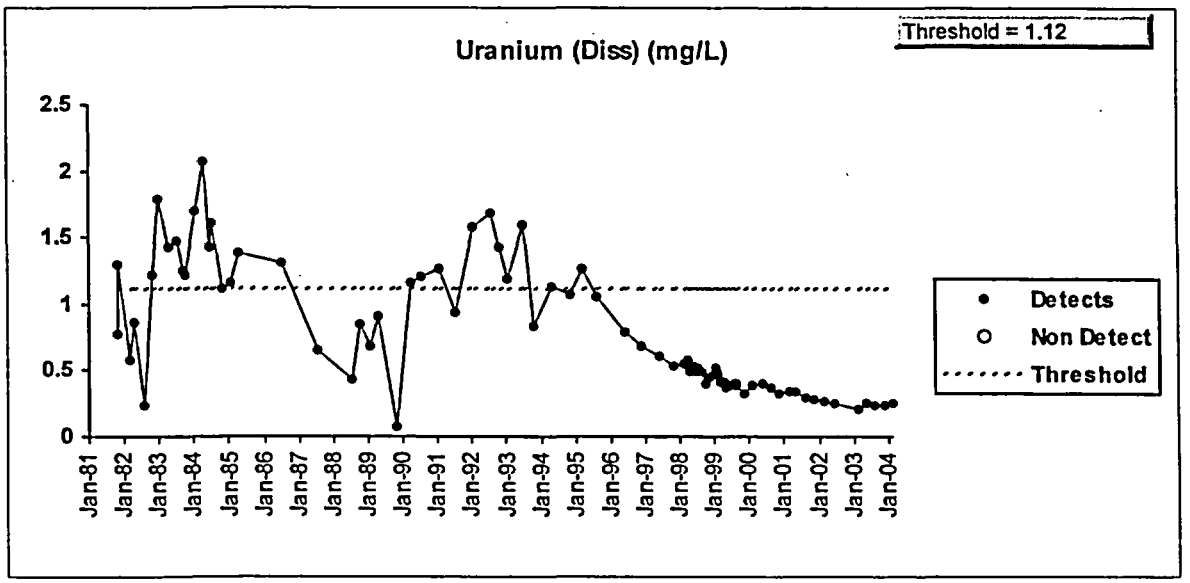
Jeffrey City WN-25



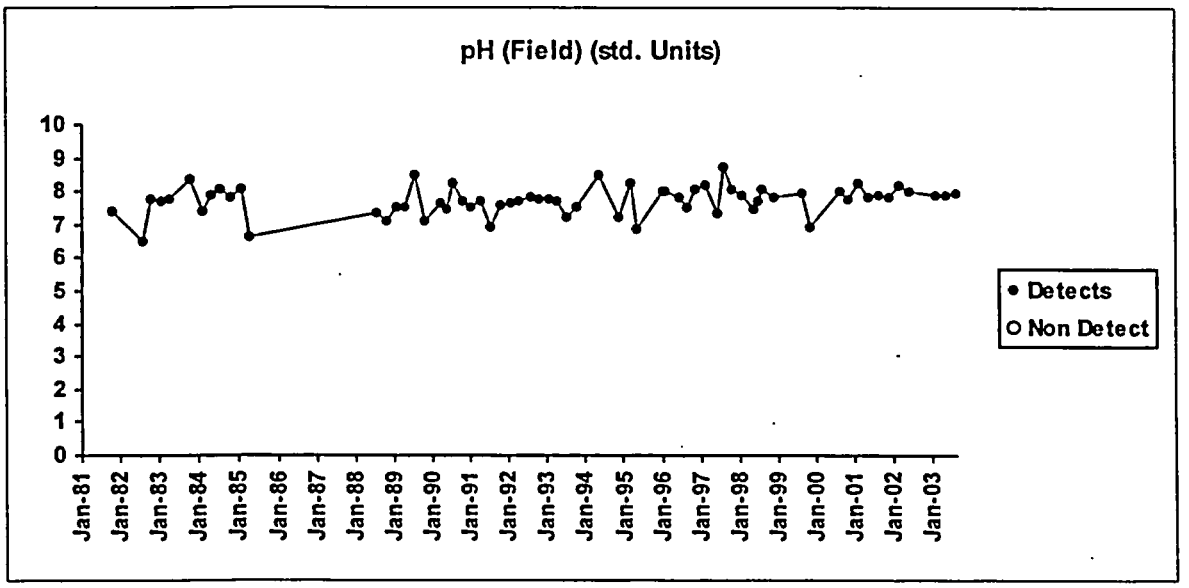


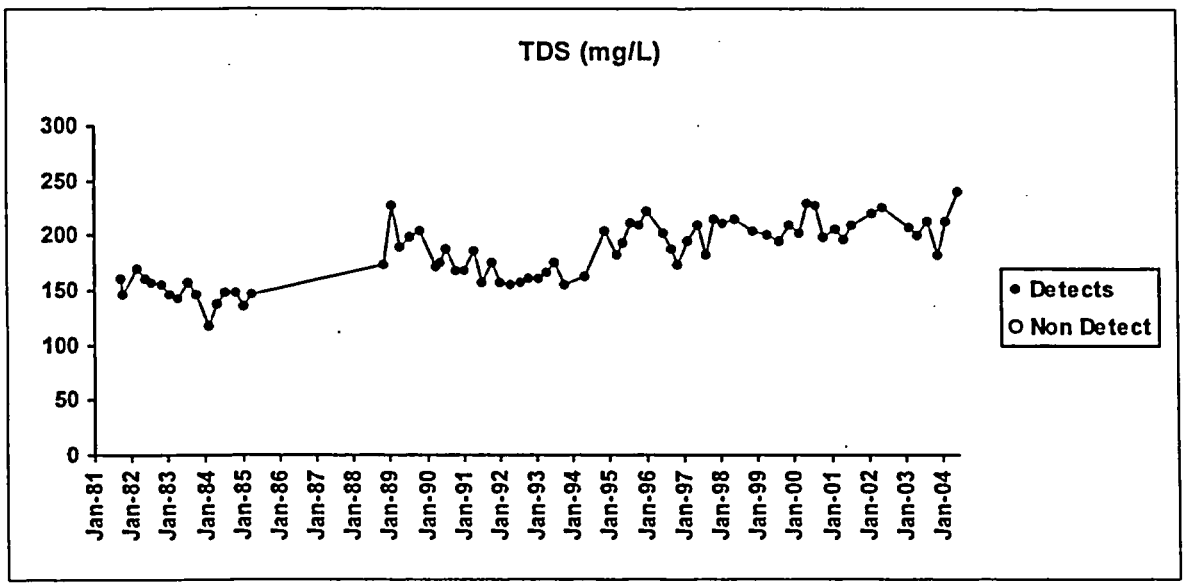
Jeffrey City WN-25



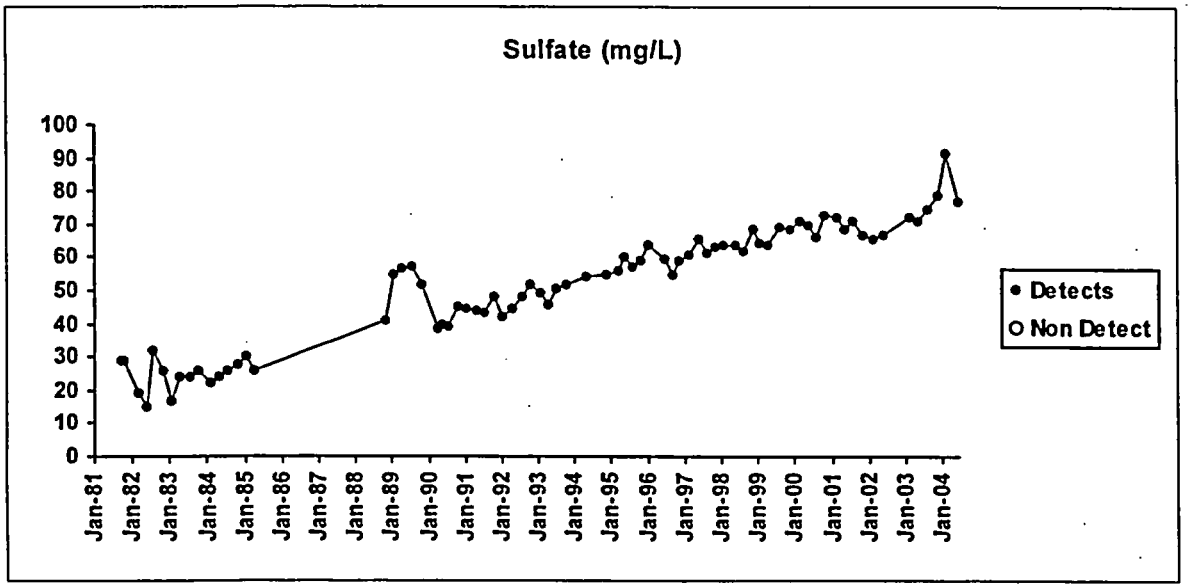


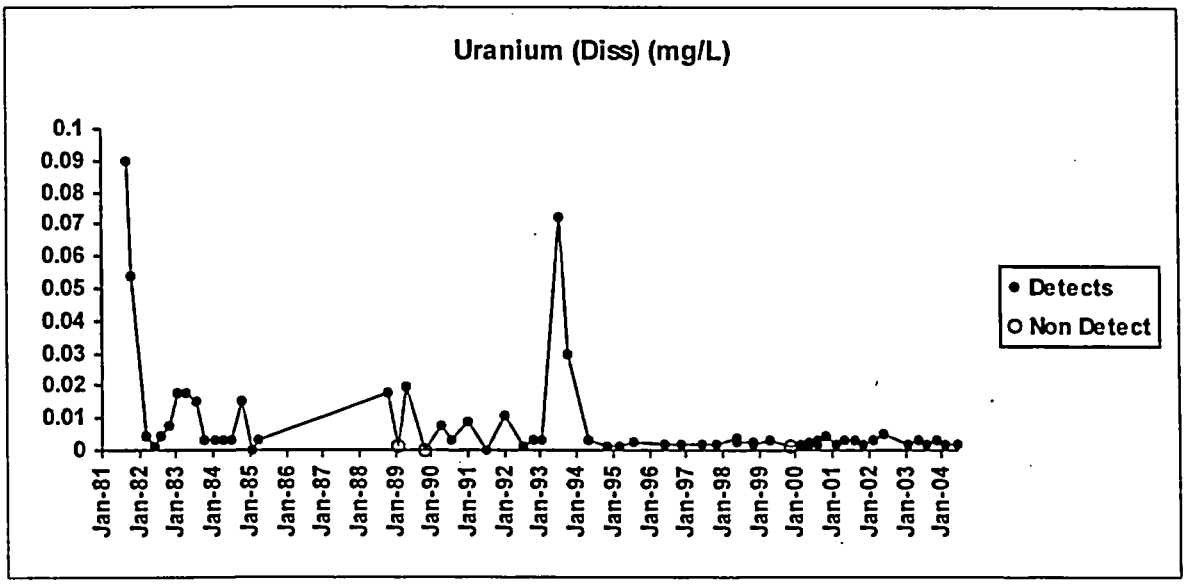
Jeffrey City WN-26



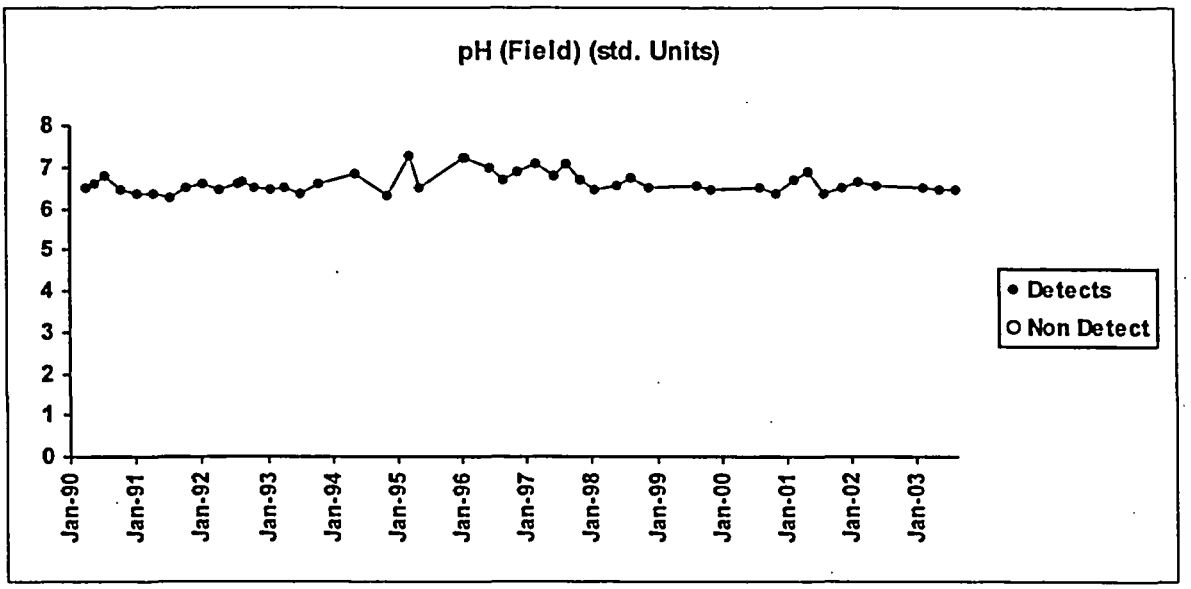


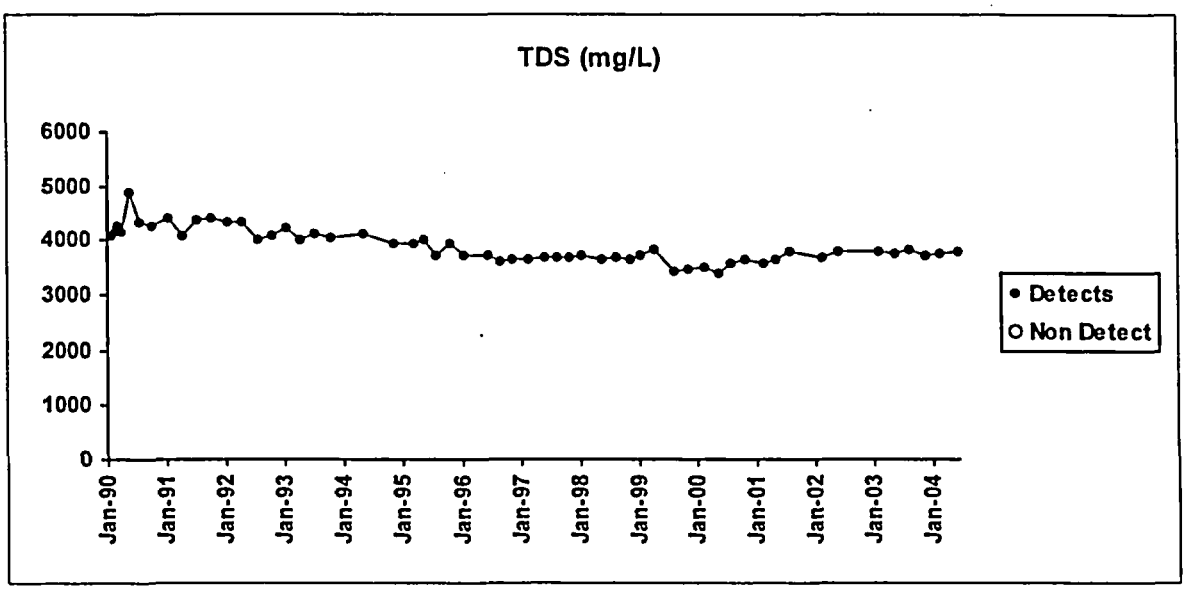
Jeffrey City WN-26



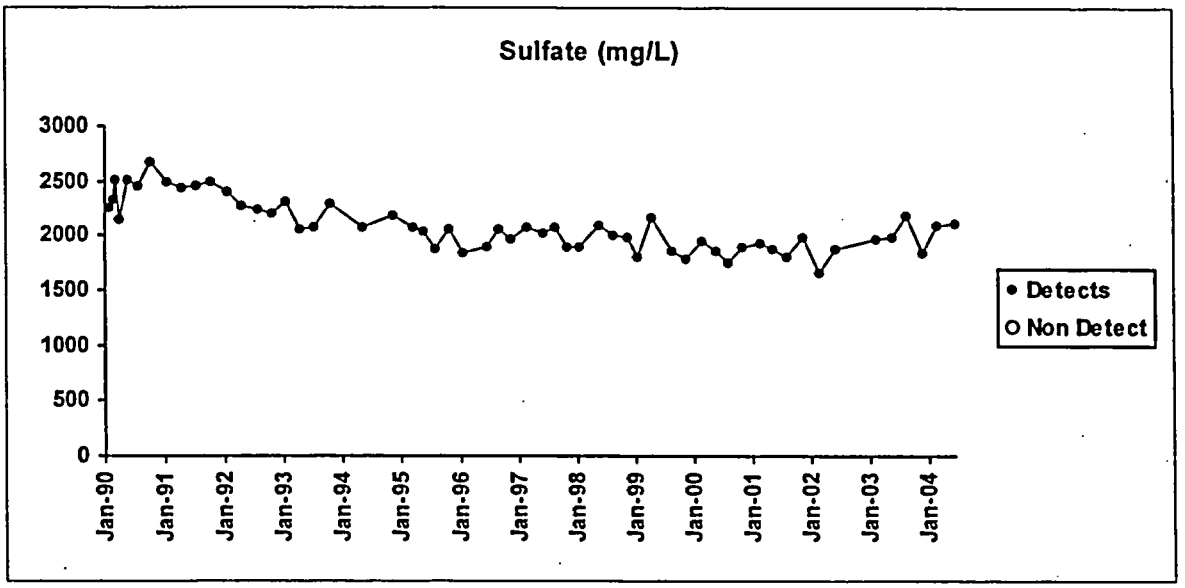


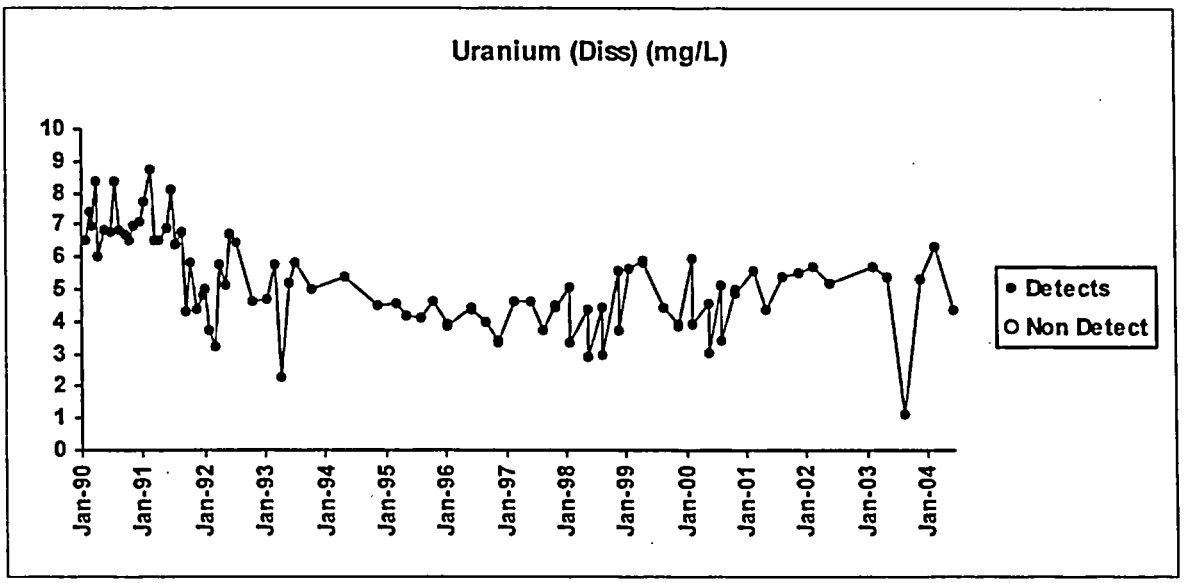
Jeffrey City WELL-28



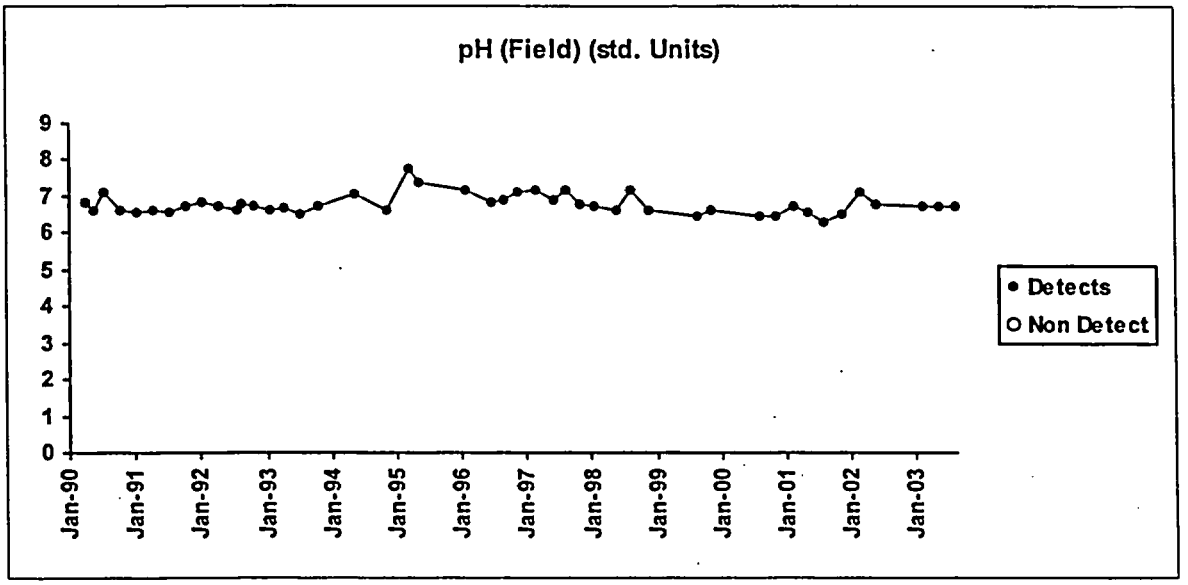


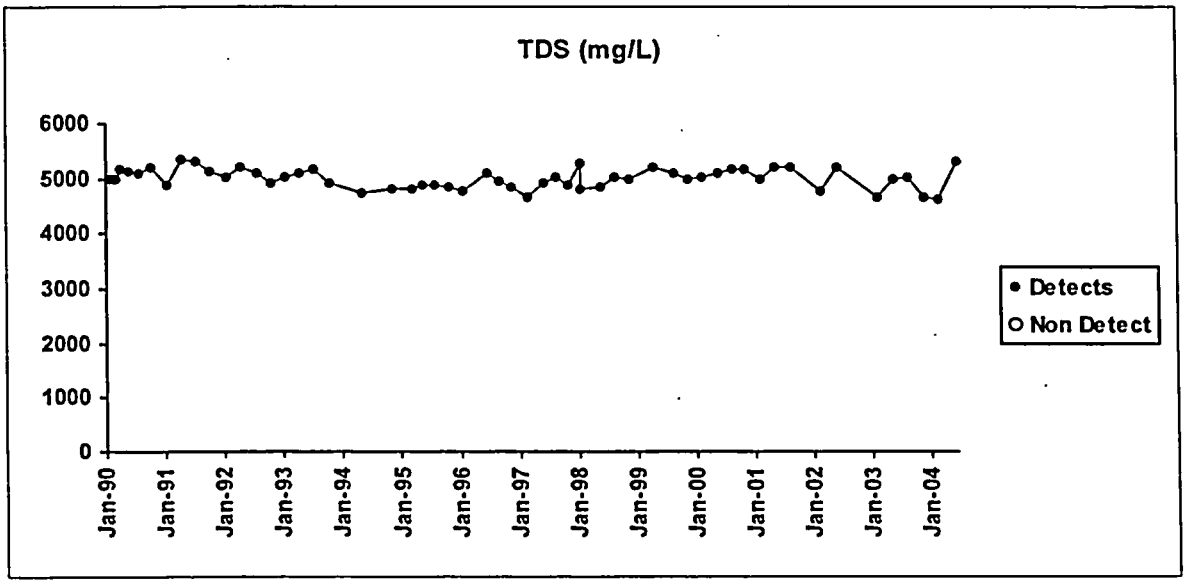
Jeffrey City WELL-28



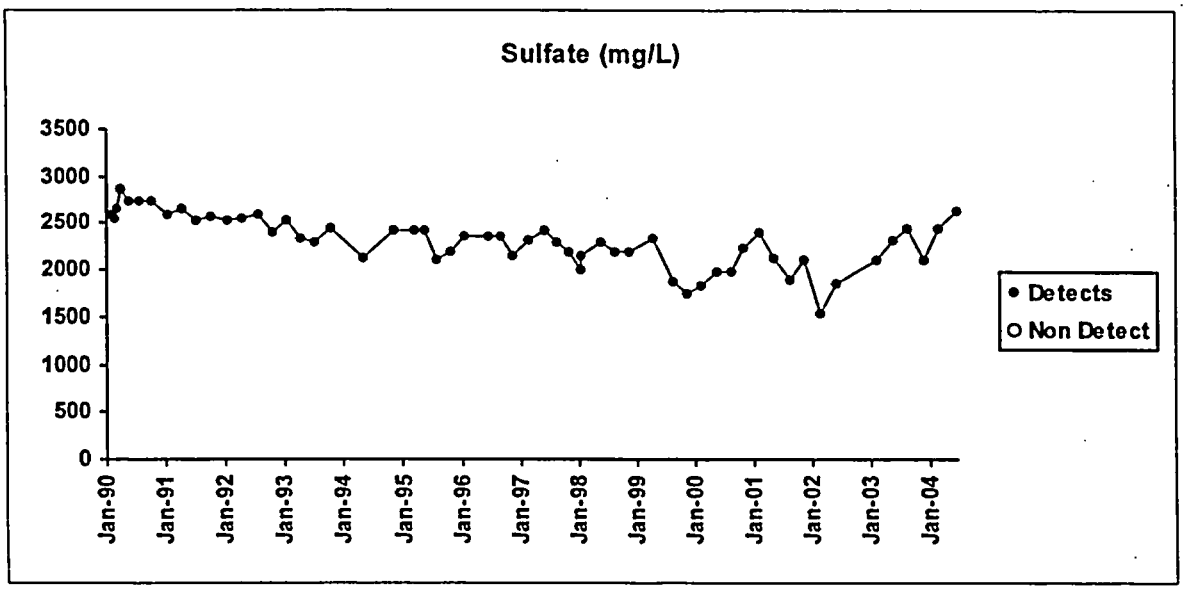


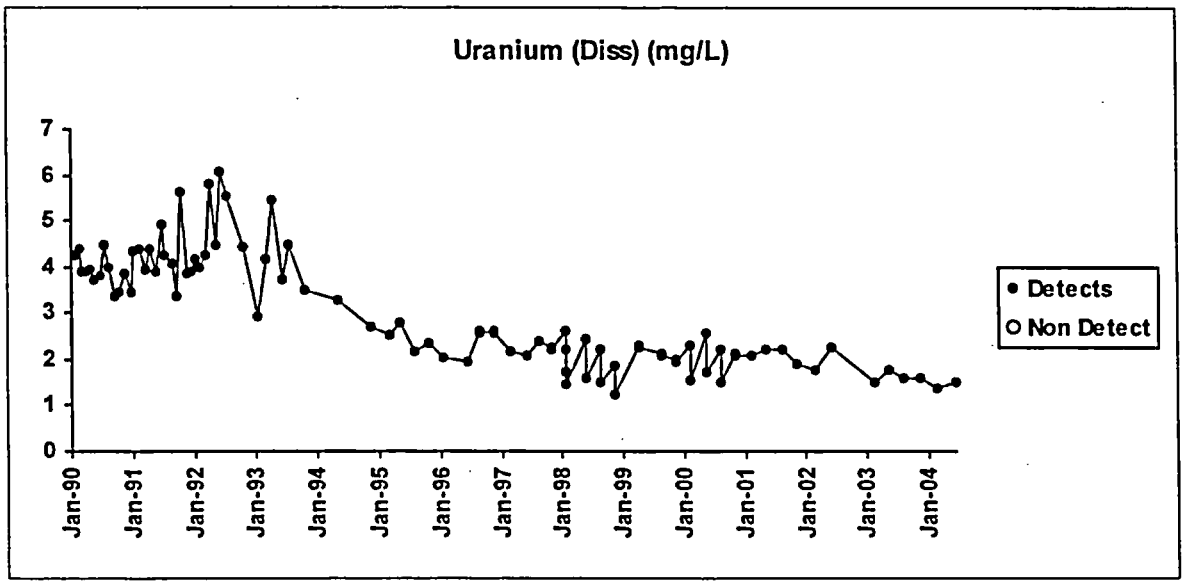
Jeffrey City WELL-30



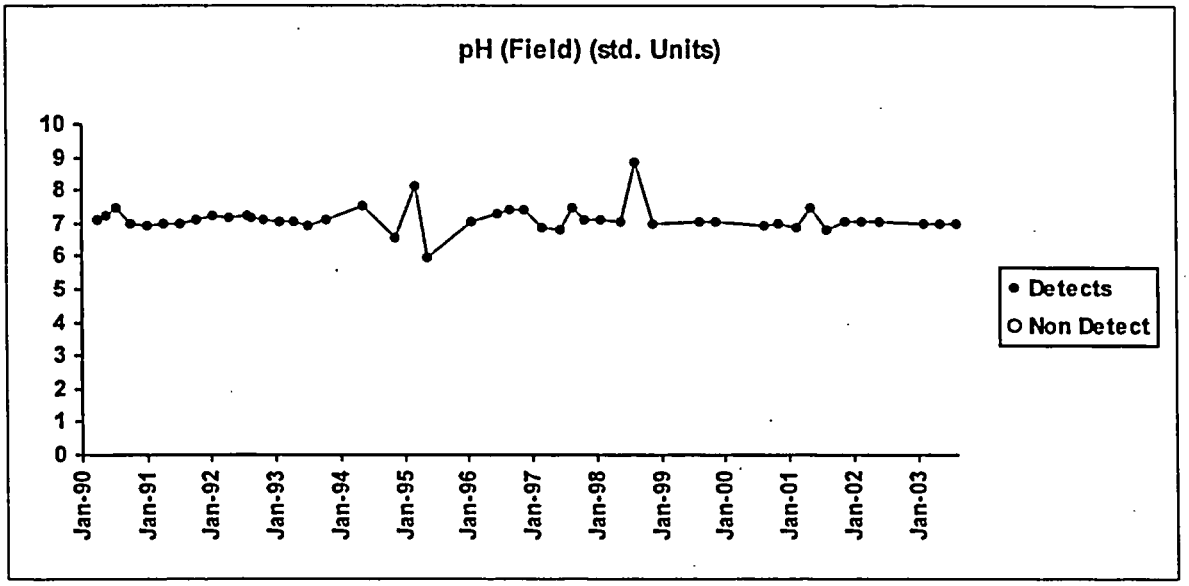


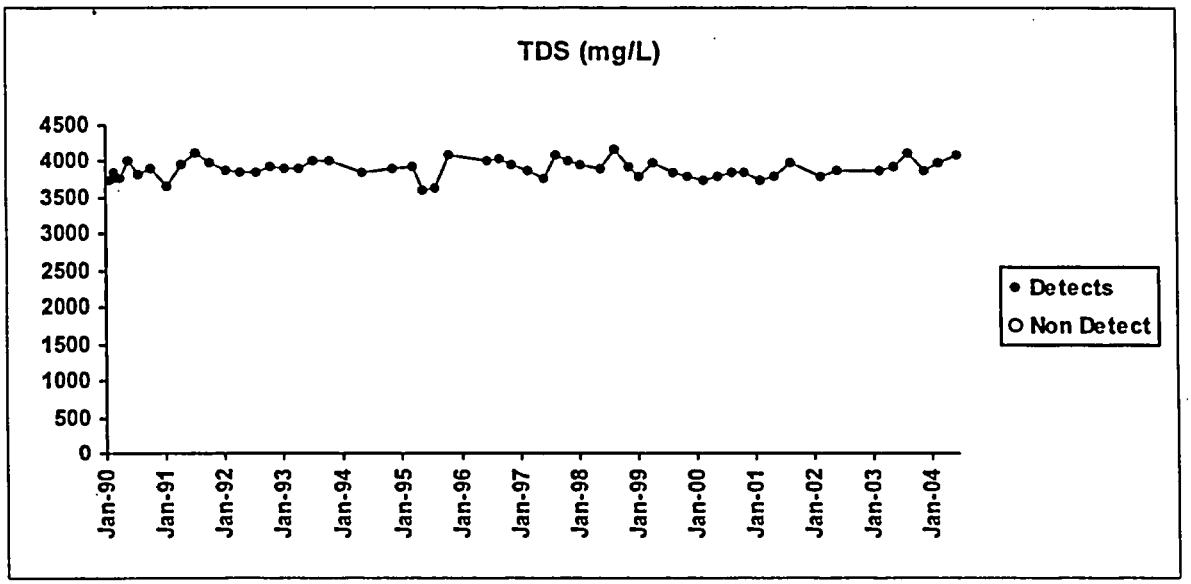
Jeffrey City WELL-30



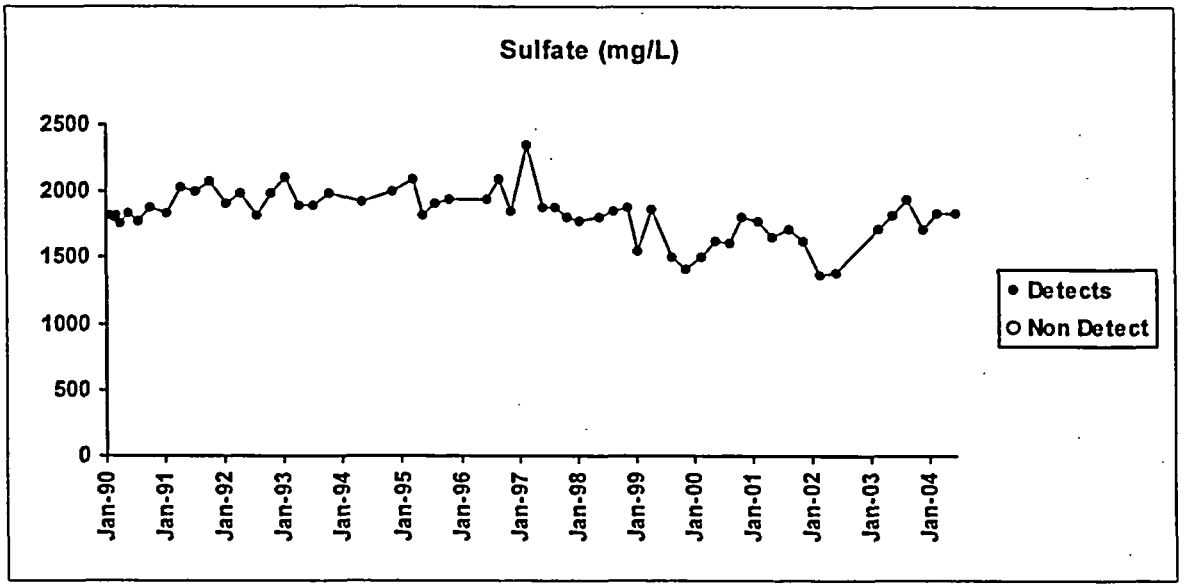


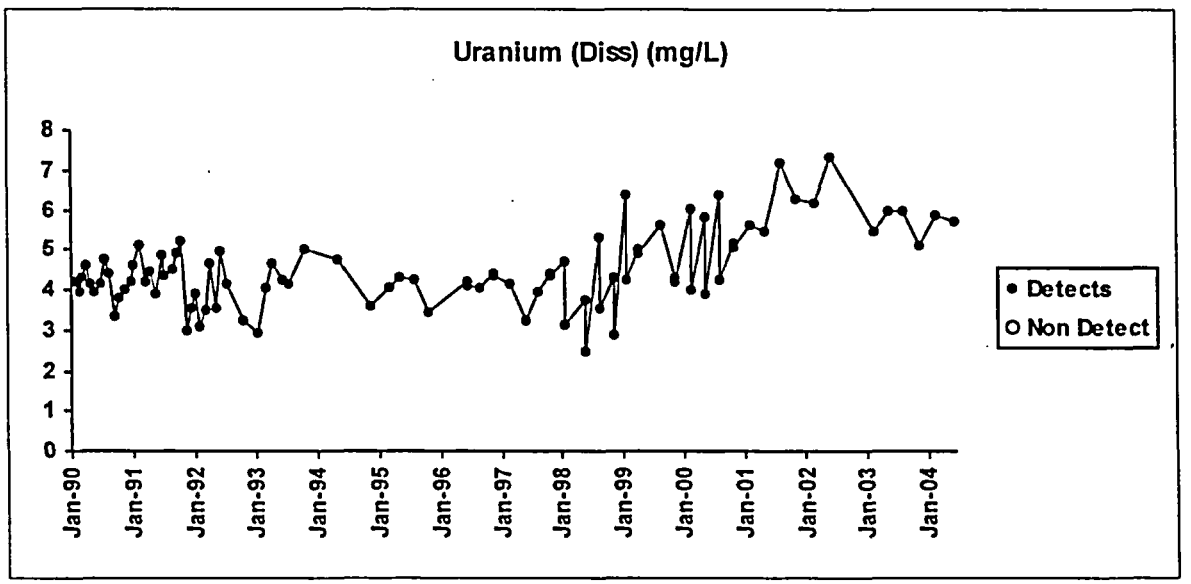
Jeffrey City WELL-31



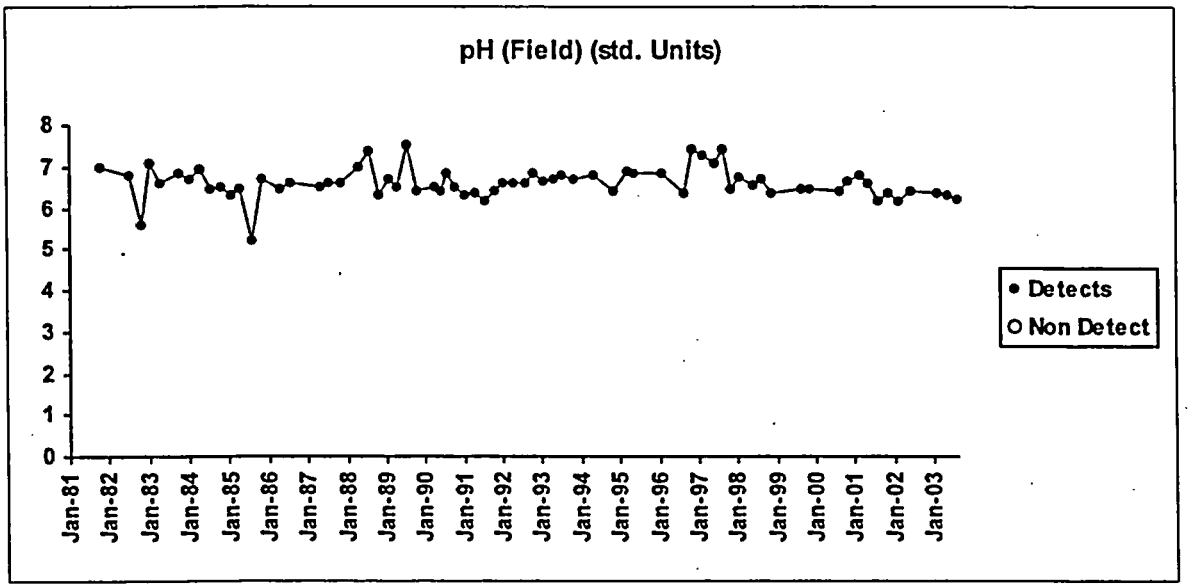


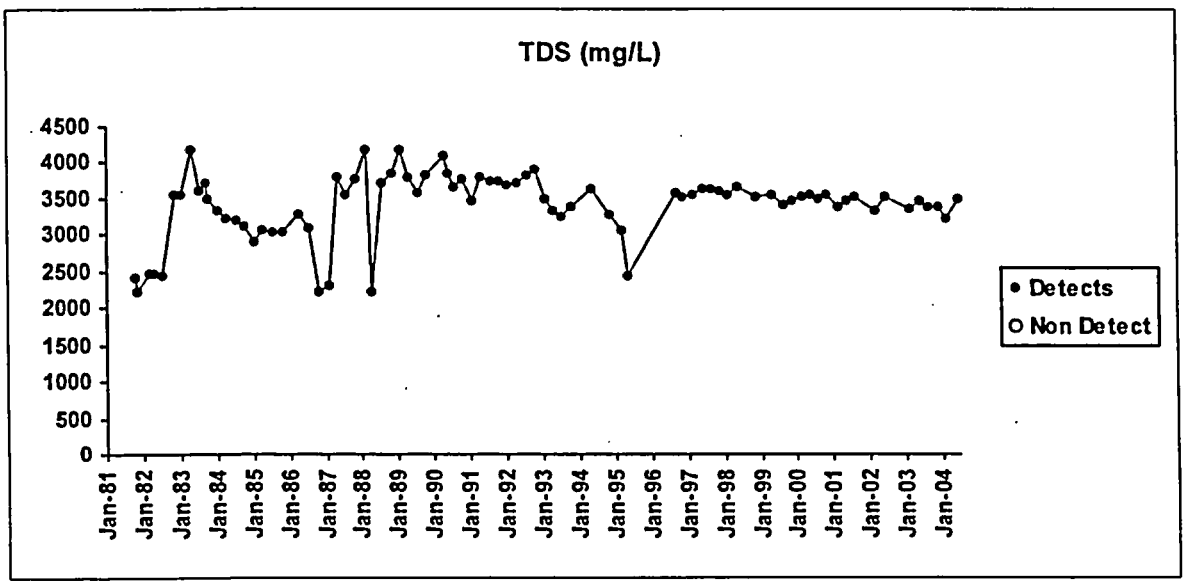
Jeffrey City WELL-31



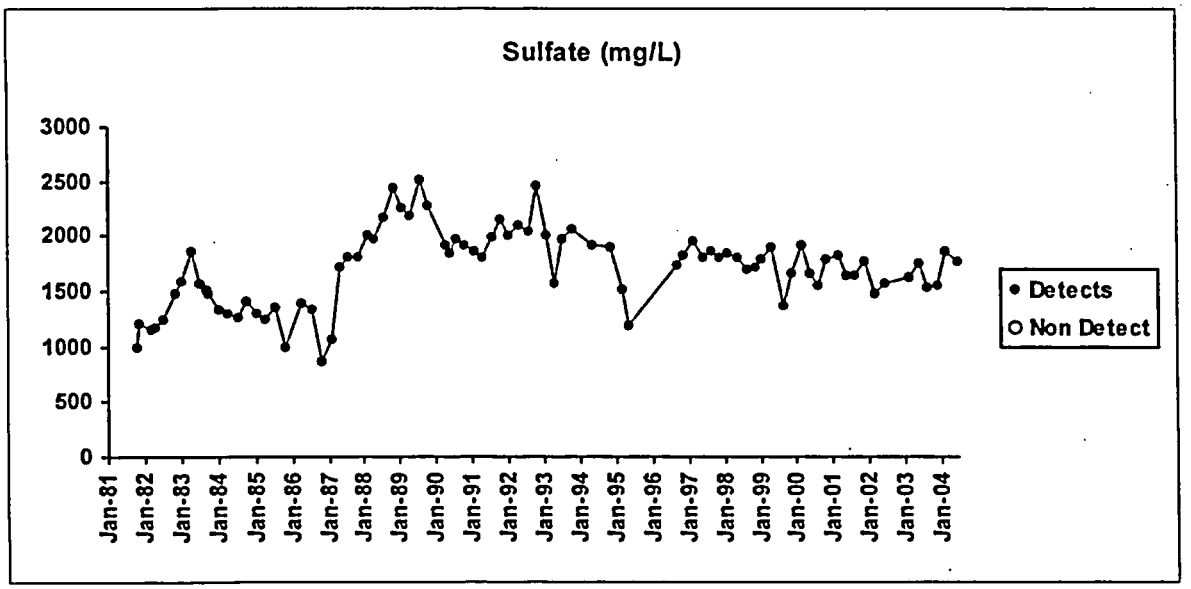


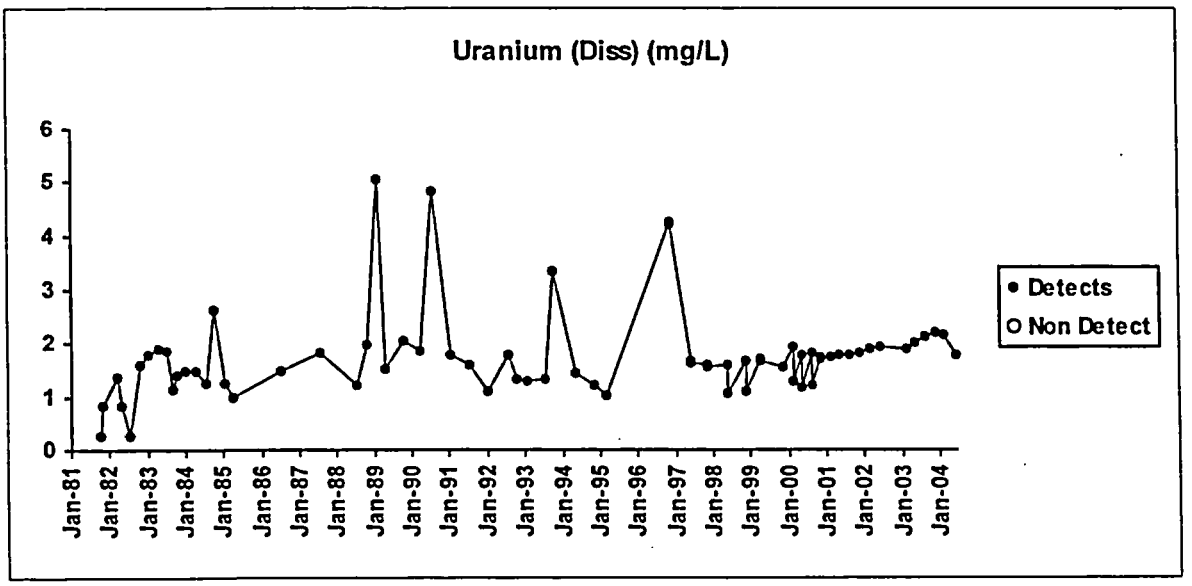
Jeffrey City WN-A



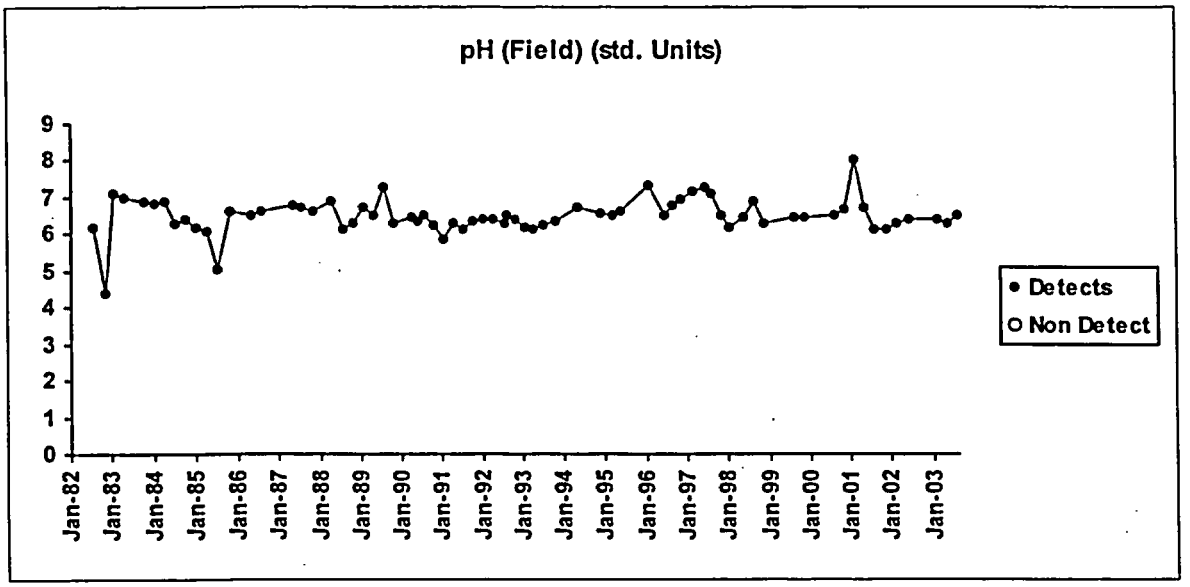


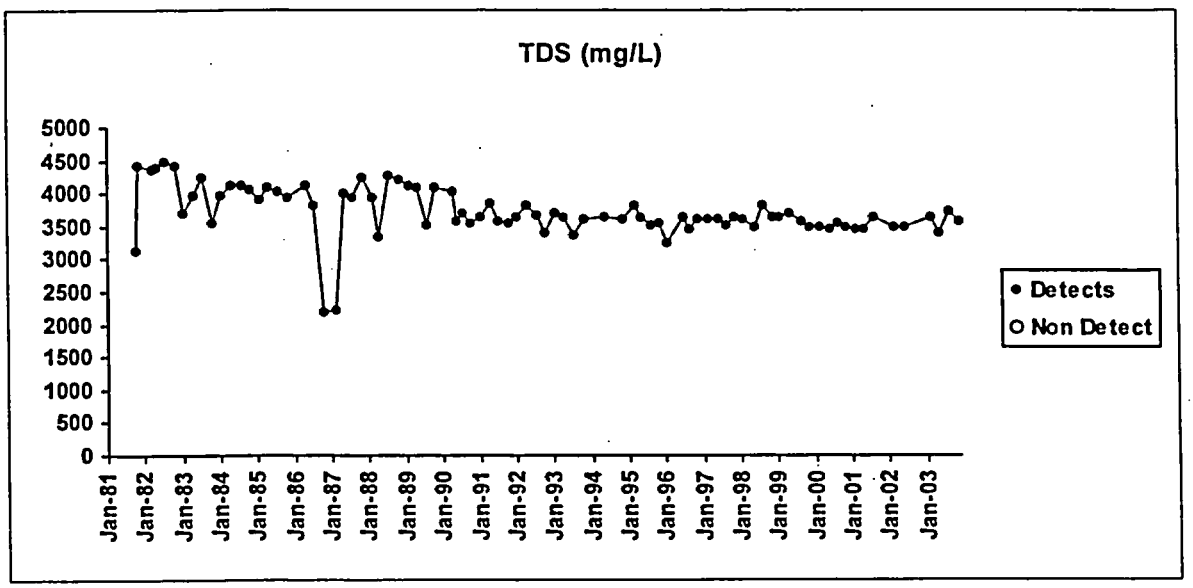
Jeffrey City WN-A



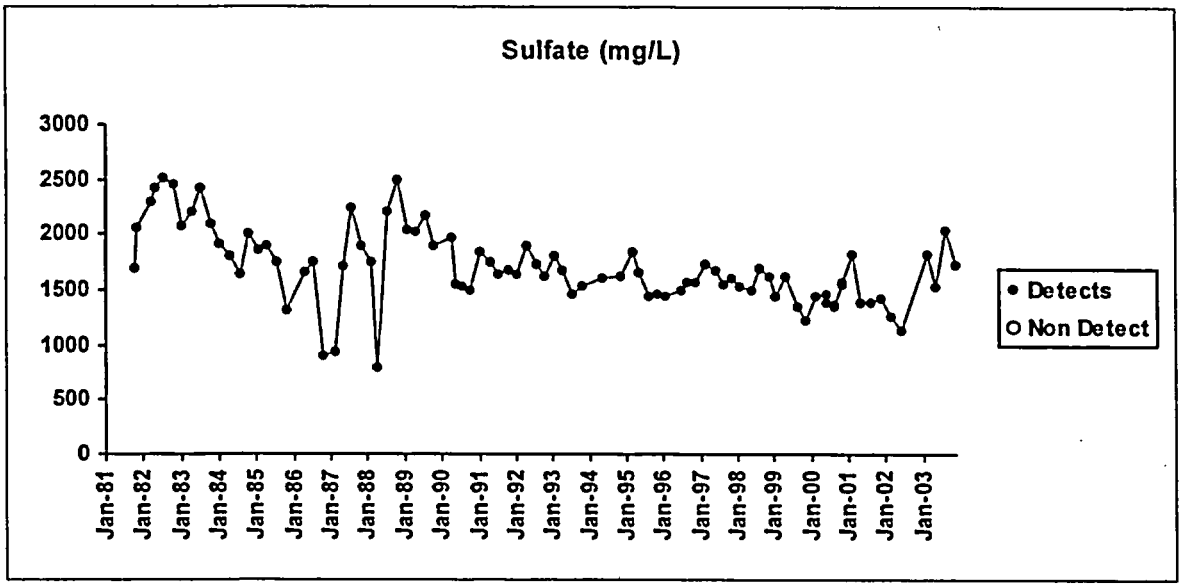


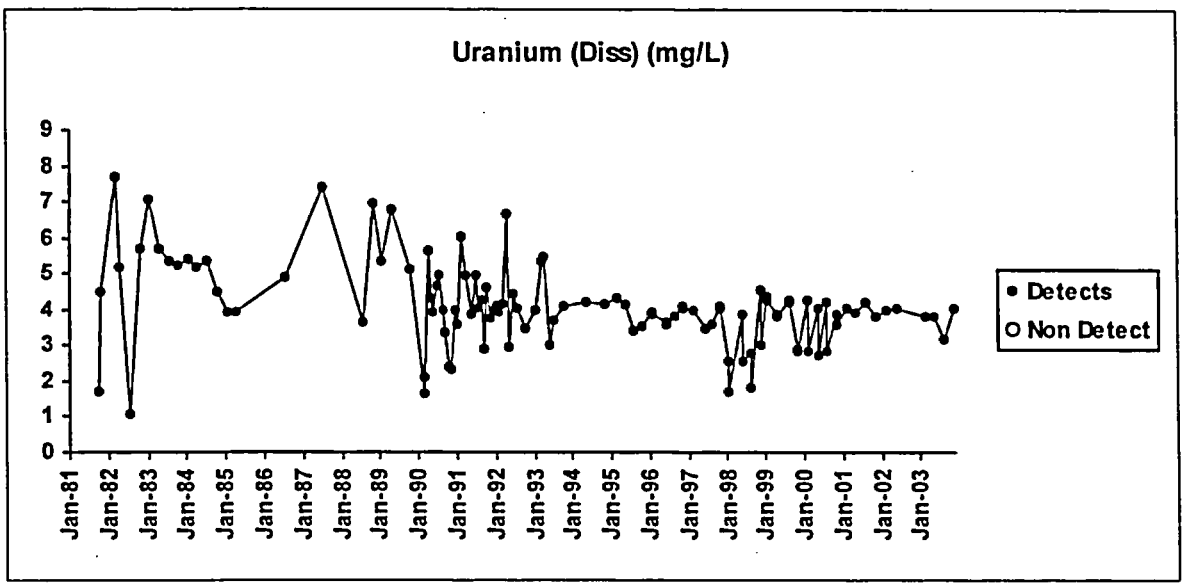
Jeffrey City WN-B



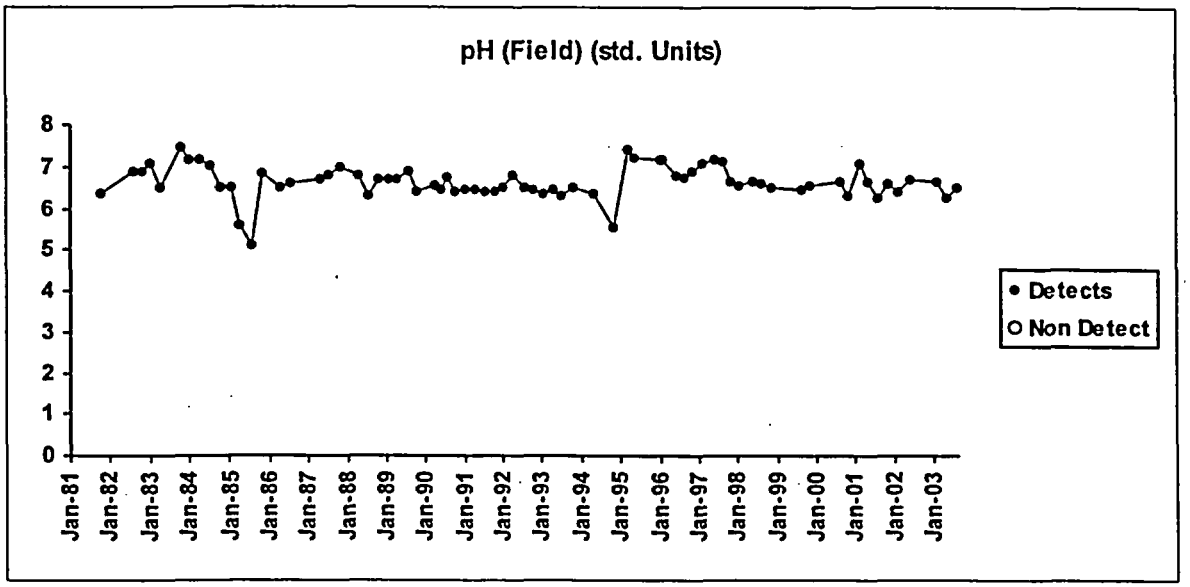


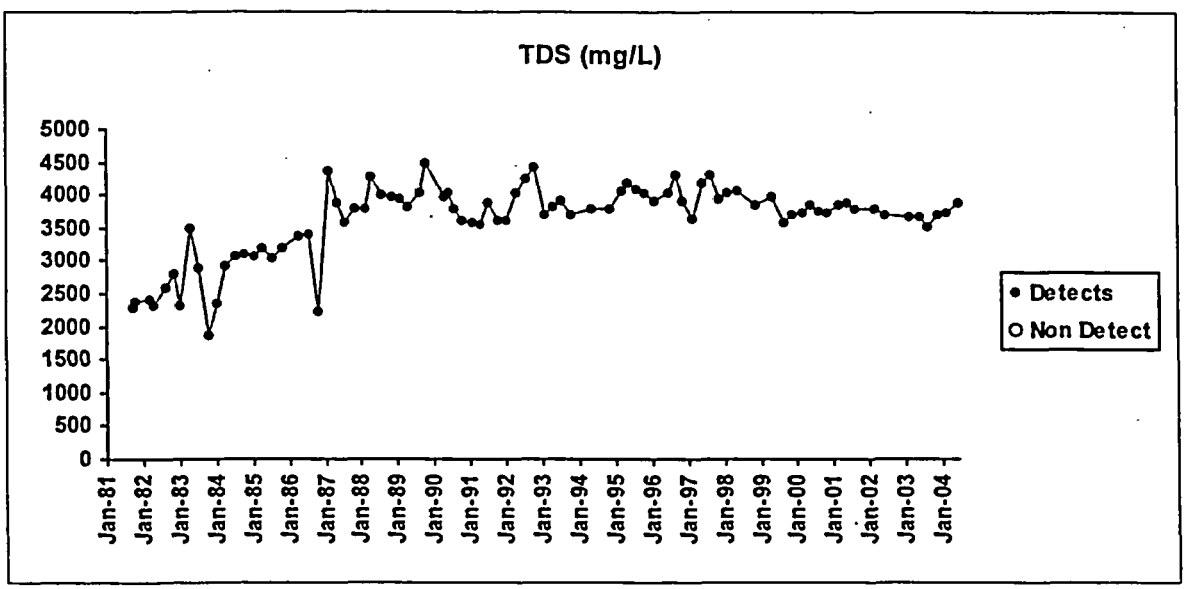
Jeffrey City WN-B



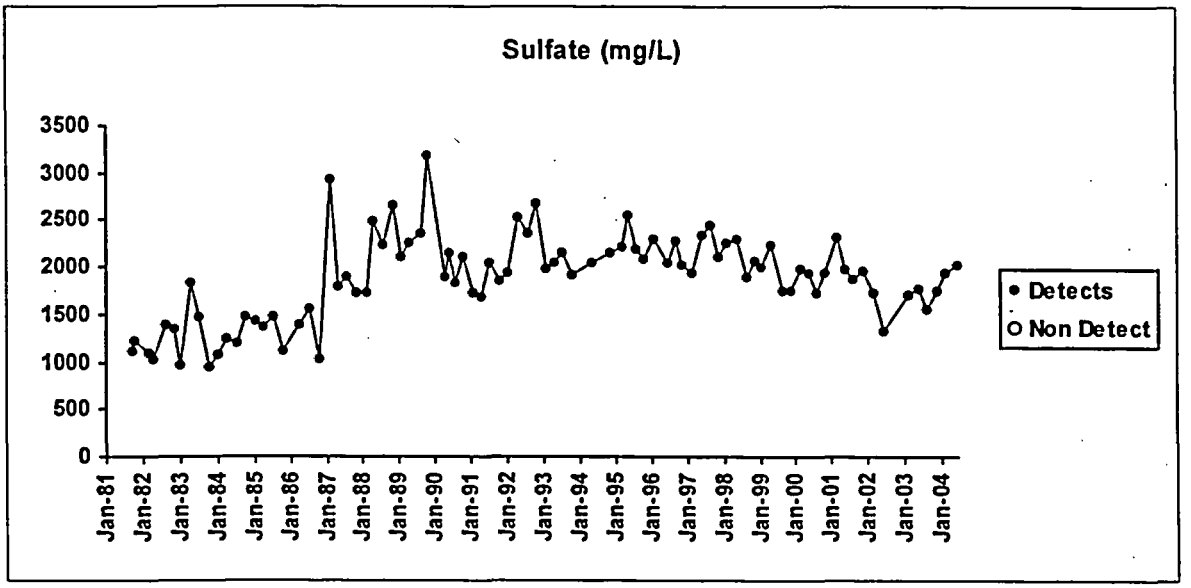


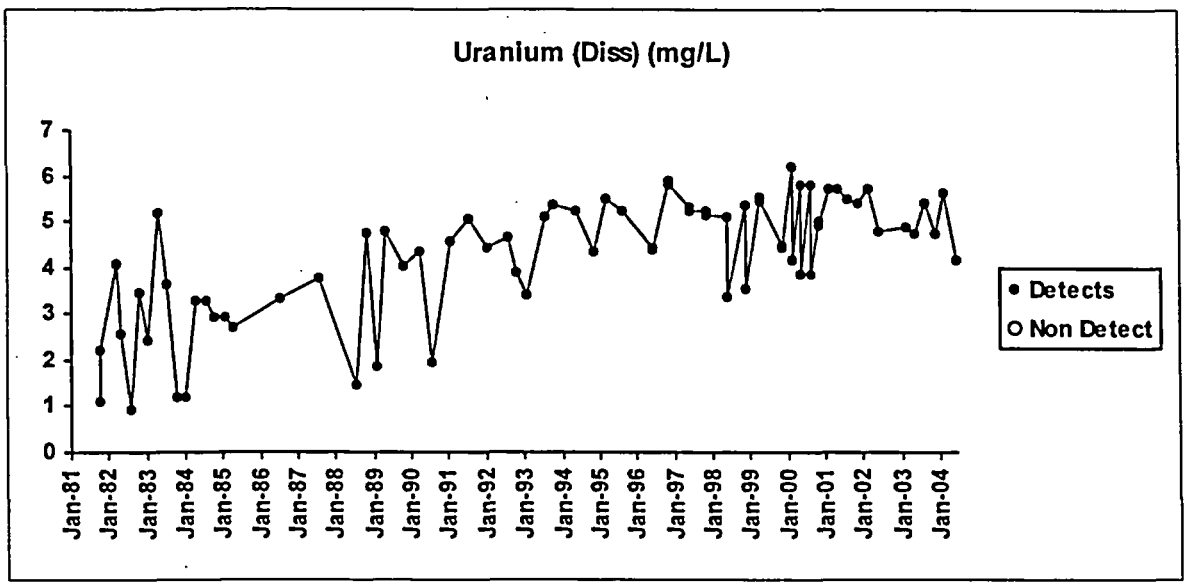
Jeffrey City WN-C





Jeffrey City WN-C





DRINKING WATER

Note: Effective March 10, 1997, Well #27 is no longer used as a drinking water source. However, the report format has not been changed in an effort to maintain consistency with previous reports.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-27	WN-27	WN-27	WN-27
Collection Date:		6/8/04 NST	2/17/2004 NST	11/18/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 14:45	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-017	C04020697-026	C031107.57-016	C03080522-005
Alkalinity, Total as CaCO3	mg/L	130		128	
Bicarbonate as HCO3	mg/L	159		156	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	39.3		44.3	
Chloride	mg/L	5.9	6.5	ND(5.0)	5.3
Magnesium	mg/L	5.5		5.0	
Nitrogen, Ammonia as N	mg/L	0.05		ND(0.05)	
Nitrogen, Nitrate+Nitrite as N	mg/L	0.87	0.83	0.8	0.8
Potassium	mg/L	6.4		4.3	
Sodium	mg/L	17.9		15.4	
Sulfate	mg/L	25.4	27.8	25.1	24.2
Conductivity	umhos/cm	325		317	
pH	s.u.	7.43	7.53	8.01	7.51
Solids, Total Dissolved TDS @ 180 C	mg/L	250	200	182	204
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		ND(0.05)	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	0.4		0.171	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)		ND(0.05)	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.010	0.012	0.014	0.011
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		0.281			
Anions		3.36			
Cations		3.38			
Solids, Total Dissolved Calculated		227			
TDS Balance (0.80 - 1.20)		1.10			

**Note: The data presented on this form is intended for summary purposes only. Laboratory approved data is contained within the Semi Annual reports.

SURFACE WATER

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-SWR-AC	WN-SWR-AC	WN-SWR-AC	WN-SWR-AC
Collection Date:		6/9/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-027	C04020697-029	C031107570-029	C030805220-009
Alkalinity, Total as CaCO3	mg/L	88		145	
Bicarbonate as HCO3	mg/L	107		176	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	24.2		44.4	
Chloride	mg/L	6.4	ND(5.0)	10.2	31.1
Magnesium	mg/L	4.5		8.2	
Nitrogen, Ammonia as N	mg/L	0.08		ND(0.05)	
Nitrogen, Nitrate+Nitrite as N	mg/L	ND(0.20)	ND(0.20)	ND(0.2)	ND(0.2)
Potassium	mg/L	4.7		4.4	
Sodium	mg/L	11.7		26.7	
Sulfate	mg/L	17.0	39.6	58.1	60.8
Conductivity	umhos/cm	242		433	
pH	s.u.	7.66	7.37	8.22	8.29
Solids, Total Dissolved TDS @ 180 C	mg/L	170	177	250	289
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		0.06	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	0.2		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)		ND(0.05)	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.008	0.005	0.007	0.014
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-1.67			
Anions		2.29			
Cations		2.22			
Solids, Total Dissolved Calculated		134			
TDS Balance (0.80 - 1.20)		1.30			

**Note: The data presented on this form is intended for summary purposes only. Laboratory approved data is contained within the Semi Annual reports.

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-SWR-BE	WN-SWR-BE	WN-SWR-BE	WN-SWR-BE
Collection Date:		6/9/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-028	C04020697-027	C03110757-031	C03080522-010
Alkalinity, Total as CaCO3	mg/L	107		162	
Bicarbonate as HCO3	mg/L	131		197	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	31.9		46.6	
Chloride	mg/L	7.6	10	17.8	40.8
Magnesium	mg/L	6.0		9.0	
Nitrogen, Ammonia as N	mg/L	0.08		ND(0.05)	
Nitrogen, Nitrate+Nitrite as N	mg/L	ND(0.20)	ND(0.20)	ND(0.2)	ND(0.2)
Potassium	mg/L	3.2		4.8	
Sodium	mg/L	17.8		34.5	
Sulfate	mg/L	24.7	44.1	67.8	78.9
Conductivity	umhos/cm	296		495	
pH	s.u.	7.87	7.63	8.28	8.30
Solids, Total Dissolved TDS @ 180 C	mg/L	210	210	301	351
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		0.06	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	0.1		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)		ND(0.05)	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.005	0.010	0.018	0.024
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		1.34			
Anions		2.87			
Cations		2.95			
Solids, Total Dissolved Calculated		173			
TDS Balance (0.80 - 1.20)		1.19			

**Note: The data presented on this form is intended for summary purposes only. Laboratory approved data is contained within the Semi Annual reports.

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-SWR-AB	WN-SWRAB	WN SWR-AB	WN SWR-AB
Collection Date:		6/9/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C0406047 9-029	C0402069 7-028	C0311075 7-030	C0308052 2-011
Alkalinity, Total as CaCO3	mg/L	64		131	
Bicarbonate as HCO3	mg/L	78.0		160	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	17.6		39.2	
Chloride	mg/L	ND(5.0)	ND(5.0)	6.3	17.0
Magnesium	mg/L	3.4		7.4	
Nitrogen, Ammonia as N	mg/L	0.09		ND(0.05)	
Nitrogen, Nitrate+Nitrite as N	mg/L	ND(0.20)	ND(0.20)	ND(0.2)	ND(0.2)
Potassium	mg/L	1.7		4.0	
Sodium	mg/L	7.8		20.3	
Sulfate	mg/L	12.0	33.6	48.9	43.6
Conductivity	umhos/cm	170		371	
pH	s.u.	7.69	7.24	8.23	8.40
Solids, Total Dissolved TDS @ 180 C	mg/L	130	141	233	225
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		0.06	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	0.2		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)		ND(0.05)	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.006)	0.005	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	ND(0.001)	0.002	0.005	0.003
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-1.69			
Anions		1.61			
Cations		1.56			
Solids, Total Dissolved Calculated		96.0			
TDS Balance (0.80 - 1.20)		1.30			

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GROUNDWATER

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-1	WN-1	WN-1	WN-1
Collection Date:		6/9/04 NST	2/17/2004 NST	11/18/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-026	C04020697-014	C03110757-024	C03080522-031
Alkalinity, Total as CaCO3	mg/L	644	730	711	639
Bicarbonate as HCO3	mg/L	785	891	867	779
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	632	781	630	656
Chloride	mg/L	74.7	108	83.6	82.8
Magnesium	mg/L	131	154	126	133
Nitrogen, Ammonia as N	mg/L	21.6	16.3	16.7	20.7
Nitrogen, Nitrate+Nitrite as N	mg/L	49.2	49.0	50.8	54.2
Potassium	mg/L	20.8	19.5	16.7	18.5
Sodium	mg/L	124	108	105	124
Sulfate	mg/L	1690	1750	1520	1490
Conductivity	umhos/cm	3820	3900	3900	3980
pH	s.u.	6.34	6.49	7.35	7.42
Solids, Total Dissolved TDS @ 180 C	mg/L	3400	3410	3350	3470
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	5.61	4.92	3.77	7.39
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.008	0.008	0.009	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	3.13	4.28	4.24	3.53
Radium 226	pCi/L	1.3	ND(1.0)	ND(1.0)	1.3
Radium 226 precision (±)	pCi/L	0.5			0.4
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-3.71	0.604		
Anions		53.6	57.6		
Cations		49.8	58.3		
Solids, Total Dissolved Calculated		3320	3580		
TDS Balance (0.80 - 1.20)		1.03	0.950		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-2	WN-2	WN-2	WN-2
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-013	C04020697-019	C03110757-006	C03080522-001
Alkalinity, Total as CaCO3	mg/L	584		639	
Bicarbonate as HCO3	mg/L	713		779	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	866		805	
Chloride	mg/L	122	149	87.6	87.8
Magnesium	mg/L	108		114	
Nitrogen, Ammonia as N	mg/L	0.46		0.67	
Nitrogen, Nitrate+Nitrite as N	mg/L	23.8	32.6	33.1	32.8
Potassium	mg/L	17.6		17.6	
Sodium	mg/L	62.8		56.6	
Sulfate	mg/L	2080	2080	1850	1730
Conductivity	umhos/cm	4050		3960	
pH	s.u.	6.68	6.88	7.67	7.08
Solids, Total Dissolved TDS @ 180 C	mg/L	4200	3910	3840	3800
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		ND(0.05)	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	0.2		0.403	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	1.07		0.26	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.038	0.037	0.009	0.039
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.432	0.779	0.185	0.849
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-4.23			
Anions		60.2			
Cations		55.3			
Solids, Total Dissolved Calculated		3750			
TDS Balance (0.80 - 1.20)		1.12			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-3	WN-3	WN-3	WN-3
Collection Date:		6/8/04 NST	2/17/2004 NST	11/19/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 14:45	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-018	C04020697-013	C03110757-028	C03080522-020
Alkalinity, Total as CaCO3	mg/L	243	250	245	245
Bicarbonate as HCO3	mg/L	297	305	299	299
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	261	294	271	270
Chloride	mg/L	52.3	55.9	50.2	49.2
Magnesium	mg/L	38.5	45.1	37.3	36.0
Nitrogen, Ammonia as N	mg/L	0.13	0.14	0.13	ND(0.05)
Nitrogen, Nitrate+Nitrite as N	mg/L	24.9	24.4	23.7	24.3
Potassium	mg/L	11.0	10.9	9.7	10.4
Sodium	mg/L	64.3	61.2	63.2	65.8
Sulfate	mg/L	619	655	608	612
Conductivity	umhos/cm	1630	1800	1840	1860
pH	s.u.	7.12	7.09	7.85	7.88
Solids, Total Dissolved TDS @ 180 C	mg/L	1400	1410	1410	1460
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	0.992	1.17	1.21	1.21
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-4.28	-1.38		
Anions		21.0	21.9		
Cations		19.3	21.3		
Solids, Total Dissolved Calculated		1350	1380		
TDS Balance (0.80 - 1.20)		1.06	1.02		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-4E	WN-4E	WN-4E	WN-4E
Collection Date:		6/7/04 NST	2/17/2004 NST	11/18/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 11:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-005	C04020697-015	C03110757-023	C03080522-022
Alkalinity, Total as CaCO3	mg/L	484	474	456	397
Bicarbonate as HCO3	mg/L	590	578	556	484
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	727	625	596	606
Chloride	mg/L	132	168	131	135
Magnesium	mg/L	162	157	159	165
Nitrogen, Ammonia as N	mg/L	5.04	22.8	21.3	35
Nitrogen, Nitrate+Nitrite as N	mg/L	37.3	20.2	22.7	27.0
Potassium	mg/L	24.0	46.6	40.8	67.9
Sodium	mg/L	200	232	244	233
Sulfate	mg/L	2260	2310	2060	2440
Conductivity	umhos/cm	4330	4400	4470	4630
pH	s.u.	6.50	6.61	7.31	7.54
Solids, Total Dissolved TDS @ 180 C	mg/L	4070	3970	3960	4030
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	0.126	0.198	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	10.4	17.4	18.2	25.4
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	0.1	0.1	0.2	0.1
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.017	0.015	0.017	0.006
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	1.00	0.840	0.961	1.06
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-3.16	-4.47		
Anions		63.2	63.7		
Cations		59.3	58.2		
Solids, Total Dissolved Calculated		4010	3910		
TDS Balance (0.80 - 1.20)		1.02	1.02		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-4R	WN-4R	WN-4R	WN-4R
Collection Date:		6/7/04 NST	2/17/2004 NST	11/18/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-007A	C04020697-012A	C03100757-025A	C03080522-028A
Alkalinity, Total as CaCO3	mg/L	249	256	265	251
Bicarbonate as HCO3	mg/L	304	312	323	306
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	500	494	455	474
Chloride	mg/L	130	148	121	107
Magnesium	mg/L	206	238	226	232
Nitrogen, Ammonia as N	mg/L	241	224	205	263
Nitrogen, Nitrate+Nitrite as N	mg/L	23.5	25.8	20.6	21.2
Potassium	mg/L	39.9	67.1	61.8	68.2
Sodium	mg/L	208	207	223	223
Sulfate	mg/L	3300	3110	2840	3170
Conductivity	umhos/cm	5960	5800	5790	5830
pH	s.u.	6.06	6.09	6.87	6.91
Solids, Total Dissolved TDS @ 180 C	mg/L	4900	4560	4550	4650
Aluminum	mg/L	ND(0.1)	3.21	2.73	2.53
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	0.005	0.004	ND(0.004)
Cadmium	mg/L	0.016	0.020	0.020	0.017
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	72.3	74.4	72.1	77.0
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	0.42	0.49	0.46	0.41
Selenium	mg/L	0.025	0.024	0.028	0.010
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	0.404	0.604	0.624	0.541
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-3.24	0.547		
Anions		79.4	75.9		
Cations		74.4	76.7		
Solids, Total Dissolved Calculated		4690	4530		
TDS Balance (0.80 - 1.20)		1.04	1.01		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Monitor Wells					
Well ID:		WN-5	WN-5	WN-5	WN-5
Collection Date:		6/7/04 NST	2/17/2004 NST	11/18/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-008	C04020697-007	C03110757-009	C03080522-015
Alkalinity, Total as CaCO3	mg/L	372	416	565	504
Bicarbonate as HCO3	mg/L	454	508	689	639
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	868	892	1020	893
Chloride	mg/L	207	252	152	146
Magnesium	mg/L	123	121	142	119
Nitrogen, Ammonia as N	mg/L	0.26	0.29	0.42	0.30
Nitrogen, Nitrate+Nitrite as N	mg/L	110	113	83	88
Potassium	mg/L	24.7	23.6	22.6	20.5
Sodium	mg/L	195	178	133	134
Sulfate	mg/L	2210	2030	2020	2030
Conductivity	umhos/cm	4790	4900	4510	4610
pH	s.u.	6.71	6.79	7.29	7.38
Solids, Total Dissolved TDS @ 180 C	mg/L	4600	4530	4100	4330
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.10	0.14	0.27	0.22
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.019	0.012	0.024	0.015
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	2.03	2.61	2.59	2.42
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-3.52	-2.27		
Anions		67.1	65.7		
Cations		62.6	62.8		
Solids, Total Dissolved Calculated		4370	4250		
TDS Balance (0.80 - 1.20)		1.05	1.07		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-5E	WN-5E	WN-5E	WN-5E
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-014	C04020697-006	C031107501	C030805223
Alkalinity, Total as CaCO3	mg/L	636	554	550	564
Bicarbonate as HCO3	mg/L	776	676	670	687
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	745	766	709	749
Chloride	mg/L	117	129	119	107
Magnesium	mg/L	122	121	116	117
Nitrogen, Ammonia as N	mg/L	0.23	0.24	0.29	0.29
Nitrogen, Nitrate+Nitrite as N	mg/L	76.1	86.6	80	74
Potassium	mg/L	17.2	16.3	14.6	15.1
Sodium	mg/L	89.9	65.4	58.9	68.9
Sulfate	mg/L	1640	1550	1470	1360
Conductivity	umhos/cm	4100	3900	3900	3910
pH	s.u.	6.63	6.90	7.61	7.42
Solids, Total Dissolved TDS @ 180 C	mg/L	3800	3570	3450	3660
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.050)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.22	0.22	0.20	0.25
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.012	0.006	0.015	0.006
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	2.50	2.78	2.80	2.58
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-3.81	-1.65		
Anions		55.7	53.2		
Cations		51.6	51.5		
Solids, Total Dissolved Calculated		3490	3360		
TDS Balance (0.80 - 1.20)		1.09	1.06		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-5R	WN-5R	WN-5R	WN-5R
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-009	C04020697-009	C03110757-010	C03080522-016
Alkalinity, Total as CaCO3	mg/L	371	421	553	533
Bicarbonate as HCO3	mg/L	453	513	675	650
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	868	914	1080	870
Chloride	mg/L	200	259	196	154
Magnesium	mg/L	123	124	150	116
Nitrogen, Ammonia as N	mg/L	0.24	0.30	0.28	0.30
Nitrogen, Nitrate+Nitrite as N	mg/L	111	111	81	87
Potassium	mg/L	24.6	23.4	23.6	20.4
Sodium	mg/L	192	174	134	133
Sulfate	mg/L	2160	2080	2120	1990
Conductivity	umhos/cm	4800	4900	4500	4590
pH	s.u.	6.67	6.77	7.39	7.50
Solids, Total Dissolved TDS @ 180 C	mg/L	4600	4530	4100	4330
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.10	0.15	0.29	0.22
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.020	0.010	0.021	0.014
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	2.10	2.58	2.60	2.36
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	27.0	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.77	-2.14		
Anions		65.9	66.8		
Cations		62.4	64.0		
Solids, Total Dissolved Calculated		4310	4310		
TDS Balance (0.80 - 1.20)		1.07	1.05		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Monitor Wells					
Well ID:		WN-5S	WN-5S	WN-5S	WN-5S
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-010	C04020697-008	C03110757-014	C03080522-012
Alkalinity, Total as CaCO3	mg/L	373	412	553	524
Bicarbonate as HCO3	mg/L	455	503	675	639
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	854	912	1090	852
Chloride	mg/L	208	265	204	160
Magnesium	mg/L	121	124	151	114
Nitrogen, Ammonia as N	mg/L	0.26	0.29	0.45	0.29
Nitrogen, Nitrate+Nitrite as N	mg/L	112	120	80	85
Potassium	mg/L	23.9	23.1	23.3	20.0
Sodium	mg/L	190	168	132	132
Sulfate	mg/L	2220	2090	2110	2020
Conductivity	umhos/cm	4820	4900	4500	4610
pH	s.u.	6.75	6.74	7.38	7.51
Solids, Total Dissolved TDS @ 180 C	mg/L	4600	4550	4100	4330
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.10	0.14	0.27	0.22
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.019	0.012	0.023	0.013
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	2.07	2.62	2.55	2.31
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-4.60	-3.21		
Anions		67.5	67.8		
Cations		61.5	63.6		
Solids, Total Dissolved Calculated		4370	4360		
TDS Balance (0.80 - 1.20)		1.05	1.04		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-7	WN-7	WN-7	WN-7
Collection Date:		6/7/04 NST	2/17/2004 NST	11/18/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-011	C04020697-023	C03110757-022B	C03080522-003
Alkalinity, Total as CaCO3	mg/L	486		467	
Bicarbonate as HCO3	mg/L	592		570	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	724		695	
Chloride	mg/L	140	213	143	154
Magnesium	mg/L	242		208	
Nitrogen, Ammonia as N	mg/L	1.87		1.86	
Nitrogen, Nitrate+Nitrite as N	mg/L	19.3	21.2	20.7	21.8
Potassium	mg/L	21.5		19.8	
Sodium	mg/L	207		186	
Sulfate	mg/L	2800	2620	2310	2470
Conductivity	umhos/cm	4810		4570	
pH	s.u.	6.25	6.48	7.54	6.71
Solids, Total Dissolved TDS @ 180 C	mg/L	4800	4370	4440	4240
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		ND(0.05)	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	1.4		1.20	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	26.5		19.4	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.032	0.030	0.027	0.024
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.189	0.245	0.259	0.273
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-4.08			
Anions		73.3			
Cations		67.5			
Solids, Total Dissolved Calculated		4540			
TDS Balance (0.80 - 1.20)		1.06			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-15	WN-15	WN-15	WN-15
Collection Date:		6/8/04 NST	2/16/2004 NST	11/17/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 14:45	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-020	C04020697-022	C03110757-001A	C03080522-008
Alkalinity, Total as CaCO3	mg/L	174		166	
Bicarbonate as HCO3	mg/L	212		203	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	157		162	
Chloride	mg/L	19.8	18.5	14.2	19.4
Magnesium	mg/L	24.1		24.3	
Nitrogen, Ammonia as N	mg/L	0.09		ND(0.05)	
Nitrogen, Nitrate+Nitrite as N	mg/L	14.4	13.0	13.0	14.2
Potassium	mg/L	7.4		5.7	
Sodium	mg/L	13.1		13.1	
Sulfate	mg/L	294	325	312	289
Conductivity	umhos/cm	969		986	
pH	s.u.	7.34	7.53	7.82	7.67
Solids, Total Dissolved TDS @ 180 C	mg/L	780	710	690	693
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	0.01		0.01	
Barium	mg/L	0.11		0.13	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)		ND(0.05)	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.133	0.153	0.157	0.156
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		5.0	
Radium 228 precision (±)	pCi/L			2.8	
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.79			
Anions		11.2			
Cations		10.6			
Solids, Total Dissolved Calculated		721			
TDS Balance (0.80 - 1.20)		1.08			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-16	WN-16	WN-16	WN-16
Collection Date:		6/8/04 NST	2/16/2004 NST	11/18/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-022	C04020697-021	C031107S7-020	C03080522-004
Alkalinity, Total as CaCO3	mg/L	132		130	
Bicarbonate as HCO3	mg/L	162		159	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	39.6		47.8	
Chloride	mg/L	5.4	ND(5.0)	7.2	10.9
Magnesium	mg/L	5.2		5.3	
Nitrogen, Ammonia as N	mg/L	0.05		ND(0.05)	
Nitrogen, Nitrate+Nitrite as N	mg/L	1.18	1.07	1.2	1.1
Potassium	mg/L	6.4		4.8	
Sodium	mg/L	13.5		13.0	
Sulfate	mg/L	21.2	24.2	22.7	26.2
Conductivity	umhos/cm	324		322	
pH	s.u.	7.61	7.86	8.07	7.78
Solids, Total Dissolved TDS @ 180 C	mg/L	250	205	204	220
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	0.05		0.06	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	0.001	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)		ND(0.05)	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.010	0.013	0.014	0.013
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.57			
Anions		3.33			
Cations		3.16			
Solids, Total Dissolved Calculated		223			
TDS Balance (0.80 - 1.20)		1.14			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-17	WN-17	WN-17	WN-17
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/6/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-002	C04020697-010	C03110757-005	C03080522-013
Alkalinity, Total as CaCO3	mg/L	174	181	174	170
Bicarbonate as HCO3	mg/L	212	221	212	207
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	52.6	66.9	59.5	53.0
Chloride	mg/L	10.1	13.3	15.8	15.8
Magnesium	mg/L	11.3	13.2	11.5	10.5
Nitrogen, Ammonia as N	mg/L	0.08	ND(0.05)	ND(0.05)	ND(0.05)
Nitrogen, Nitrate+Nitrite as N	mg/L	0.27	0.35	0.3	0.2
Potassium	mg/L	8.5	8.8	8.1	7.8
Sodium	mg/L	22.8	22.8	24.2	22.5
Sulfate	mg/L	58.7	63.7	65.8	56.8
Conductivity	umhos/cm	481	500	496	484
pH	s.u.	7.56	7.60	8.01	7.92
Solids, Total Dissolved TDS @ 180 C	mg/L	340	302	293	299
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	0.01	0.02	0.02	0.02
Barium	mg/L	ND(0.05)	0.06	0.06	0.06
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.07	0.05	0.11	0.08
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	0.041	0.056	0.049	0.051
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	27.8
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.34	2.78		
Anions		5.00	5.34		
Cations		4.77	5.65		
Solids, Total Dissolved Calculated		306	299		
TDS Balance (0.80 - 1.20)		1.11	1.01		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-18	WN-18	WN-18	WN-18
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/6/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-001	C04020697-011	C03110757-012	C03080522-014
Alkalinity, Total as CaCO3	mg/L	285	295	307	299
Bicarbonate as HCO3	mg/L	348	360	374	364
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	270	304	285	278
Chloride	mg/L	69.5	71.4	73.2	68.4
Magnesium	mg/L	49.7	57.8	52.2	47.8
Nitrogen, Ammonia as N	mg/L	0.17	0.14	ND(0.05)	ND(0.05)
Nitrogen, Nitrate+Nitrite as N	mg/L	45.4	43.4	39.7	42.5
Potassium	mg/L	15.7	15.2	13.3	13.7
Sodium	mg/L	112	97.7	92.4	97.0
Sulfate	mg/L	625	674	658	664
Conductivity	umhos/cm	2050	2100	2180	2160
pH	s.u.	7.18	7.21	7.75	7.67
Solids, Total Dissolved TDS @ 180 C	mg/L	1800	1680	1710	1780
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	0.06	0.06	0.07
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.007	ND(0.005)	0.006	0.007
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	0.592	0.839	0.874	0.842
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.23	-0.961		
Anions		23.9	25.0		
Cations		22.9	24.6		
Solids, Total Dissolved Calculated		1560	1590		
TDS Balance (0.80 - 1.20)		1.15	1.06		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-19	WN-19	WN-19	WN-19
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 11:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-003	C04020697-018	C03110757-008	C03080522-012
Alkalinity, Total as CaCO3	mg/L	230		232	
Bicarbonate as HCO3	mg/L	280		282	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	181		172	
Chloride	mg/L	116	139	113	102
Magnesium	mg/L	40.1		36.1	
Nitrogen, Ammonia as N	mg/L	0.11		ND(0.05)	
Nitrogen, Nitrate+Nitrite as N	mg/L	5.36	5.46	5.2	2.8
Potassium	mg/L	15.6		15.2	
Sodium	mg/L	135		128	
Sulfate	mg/L	584	574	530	471
Conductivity	umhos/cm	1850		1670	
pH	s.u.	7.17	7.28	7.68	7.35
Solids, Total Dissolved TDS @ 180 C	mg/L	1300	1170	1150	1100
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	0.07		0.07	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.19		0.20	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.527	0.498	0.491	0.543
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-4.55			
Anions		20.4			
Cations		18.6			
Solids, Total Dissolved Calculated		1270			
TDS Balance (0.80 - 1.20)		1.05			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-21	WN-21	WN-21	WN-21
Collection Date:		6/8/04 NST	2/16/2004 NST	11/17/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-015	C04020697-001	C03110757-002	C03080522-030
Alkalinity, Total as CaCO3	mg/L	196	201	196	195
Bicarbonate as HCO3	mg/L	239	246	239	237
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	90.8	96.8	94.3	93.7
Chloride	mg/L	13.3	15.5	10	17.2
Magnesium	mg/L	14.8	15.4	15.2	16.0
Nitrogen, Ammonia as N	mg/L	2.14	3.81	2.05	2.80
Nitrogen, Nitrate+Nitrite as N	mg/L	7.22	9.24	9.2	10.8
Potassium	mg/L	8.5	7.6	6.6	7.2
Sodium	mg/L	28.7	31.8	29.7	30.9
Sulfate	mg/L	122	129	150	148
Conductivity	umhos/cm	723	730	732	785
pH	s.u.	7.41	7.55	7.96	7.94
Solids, Total Dissolved TDS @ 180 C	mg/L	500	474	490	526
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.27	0.33	0.40	0.56
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	0.107	0.129	0.138	0.154
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	23.4
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		0.228	1.00		
Anions		7.33	7.82		
Cations		7.37	7.97		
Solids, Total Dissolved Calculated		470	458		
TDS Balance (0.80 - 1.20)		1.07	1.03		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-23	WN-23	WN-23	WN-23
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 11:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-004	C04020697-005	C03110757-007	C03080522-018
Alkalinity, Total as CaCO3	mg/L	310	317	286	245
Bicarbonate as HCO3	mg/L	378	386	349	299
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	630	591	436	317
Chloride	mg/L	112	103	70.7	58.3
Magnesium	mg/L	67.8	71.0	49.3	36.6
Nitrogen, Ammonia as N	mg/L	0.15	0.16	0.15	0.10
Nitrogen, Nitrate+Nitrite as N	mg/L	21.6	38.5	25.9	19.8
Potassium	mg/L	19.0	18.8	14.9	14.8
Sodium	mg/L	90.7	79.4	53.3	53.4
Sulfate	mg/L	1430	1300	957	697
Conductivity	umhos/cm	3230	3000	2330	1900
pH	s.u.	6.82	6.84	7.76	7.68
Solids, Total Dissolved TDS @ 180 C	mg/L	3000	2600	1900	1530
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	0.06	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.008	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	1.21	1.50	1.37	0.947
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		0.984	0.293		
Anions		40.7	39.1		
Cations		41.5	39.3		
Solids, Total Dissolved Calculated		2670	2520		
TDS Balance (0.80 - 1.20)		1.10	1.03		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-24	WN-24	WN-24	WN-24
Collection Date:		6/8/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-024	C04020697-002A	C03110757-004A	C03080522-021A
Alkalinity, Total as CaCO3	mg/L	214	218	207	211
Bicarbonate as HCO3	mg/L	262	265	253	257
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	239	251	252	225
Chloride	mg/L	35.0	35.8	33.1	34.2
Magnesium	mg/L	34.6	40.6	43.2	31.8
Nitrogen, Ammonia as N	mg/L	0.06	0.09	0.09	0.08
Nitrogen, Nitrate+Nitrite as N	mg/L	18.7	17.3	17.6	16.9
Potassium	mg/L	11.1	12.2	11.6	9.7
Sodium	mg/L	46.6	54.4	48.8	46.6
Sulfate	mg/L	553	587	610	513
Conductivity	umhos/cm	1490	1500	1580	1530
pH	s.u.	7.29	7.52	7.91	8.00
Solids, Total Dissolved TDS @ 180 C	mg/L	1200	1160	1210	1190
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	0.06	0.08	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.005	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	0.315	0.381	0.396	0.350
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.95	-0.762		
Anions		18.1	18.8		
Cations		17.1	18.5		
Solids, Total Dissolved Calculated		1180	1190		
TDS Balance (0.80 - 1.20)		1.06	0.970		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-26	WN-26	WN-26	WN-26
Collection Date:		6/9/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 15:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-025	C04020697-020	C03110757-014	C03080522-002
Alkalinity, Total as CaCO3	mg/L	84		81	
Bicarbonate as HCO3	mg/L	103		98.2	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	52.2		48.7	
Chloride	mg/L	ND(5.0)	ND(5.0)	6.9	ND(5.0)
Magnesium	mg/L	4.3		5.0	
Nitrogen, Ammonia as N	mg/L	0.06		0.08	
Nitrogen, Nitrate+Nitrite as N	mg/L	0.55	0.60	0.6	0.6
Potassium	mg/L	2.9		2.8	
Sodium	mg/L	7.6		7.8	
Sulfate	mg/L	77.1	91.7	79.2	74.6
Conductivity	umhos/cm	344		328	
pH	s.u.	7.65	7.79	8.02	8.14
Solids, Total Dissolved TDS @ 180 C	mg/L	240	213	183	214
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	0.08		0.08	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	0.001	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	ND(0.05)		ND(0.05)	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	0.002	0.002	0.003	0.002
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-0.845			
Anions		3.43			
Cations		3.37			
Solids, Total Dissolved Calculated		221			
TDS Balance (0.80 - 1.20)		1.10			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-28	WN-28	WN-28	WN-28
Collection Date:		6/8/04 NST	2/19/2004 NST	11/18/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 14:45	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-021	C04020697-030	C03110757-019	C03080522-022
Alkalinity, Total as CaCO3	mg/L	640	654	630	625
Bicarbonate as HCO3	mg/L	780	798	768	762
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	632	677	619	665
Chloride	mg/L	134	174	146	116
Magnesium	mg/L	162	180	156	162
Nitrogen, Ammonia as N	mg/L	95	106	90	97
Nitrogen, Nitrate+Nitrite as N	mg/L	33.2	29.9	31.6	32.9
Potassium	mg/L	31.1	31.5	25.8	28.3
Sodium	mg/L	131	129	106	121
Sulfate	mg/L	2120	2100	1850	2180
Conductivity	umhos/cm	4800	4700	4680	4710
pH	s.u.	6.35	6.44	7.49	7.28
Solids, Total Dissolved TDS @ 180 C	mg/L	3800	3750	3720	3820
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	0.001	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	12.8	15.3	14.3	2.90
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	mg/L	0.06	0.10	0.06	ND(0.05)
Selenium	mg/L	0.025	0.023	0.026	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	4.38	6.36	5.34	1.16
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-3.94	-0.072		
Anions		63.0	63.8		
Cations		58.2	63.7		
Solids, Total Dissolved Calculated		3780	3810		
TDS Balance (0.80 - 1.20)		1.01	0.980		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-28S	WN-28S		
Collection Date:		6/8/04 NST	2/19/2004 NST		
Receive Date:		6/10/2004 15:00	2/19/2004 14:50		
Report Date:		7/7/2004 15:30	3/25/2004 16:10		
Analyte	Units	C04060479-023	C04020697-031		
Alkalinity, Total as CaCO3	mg/L	642	647		
Bicarbonate as HCO3	mg/L	783	789		
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)		
Calcium	mg/L	637	675		
Chloride	mg/L	126	182		
Magnesium	mg/L	164	177		
Nitrogen, Ammonia as N	mg/L	92	103		
Nitrogen, Nitrate+Nitrite as N	mg/L	34.2	30.8		
Potassium	mg/L	29.7	29.8		
Sodium	mg/L	122	118		
Sulfate	mg/L	2100	2120		
Conductivity	umhos/cm	4540	4700		
pH	s.u.	6.39	6.45		
Solids, Total Dissolved TDS @ 180 C	mg/L	3800	3740		
Aluminum	mg/L	ND(0.1)	ND(0.10)		
Arsenic	mg/L	ND(0.01)	ND(0.01)		
Barium	mg/L	ND(0.05)	ND(0.05)		
Beryllium	mg/L	ND(0.004)	ND(0.004)		
Cadmium	mg/L	ND(0.001)	0.001		
Chromium	mg/L	ND(0.005)	ND(0.005)		
Iron	mg/L	ND(0.05)	ND(0.050)		
Lead	mg/L	ND(0.005)	ND(0.005)		
Manganese	mg/L	13.4	15.5		
Mercury	mg/L	ND(0.001)	ND(0.001)		
Molybdenum	mg/L	ND(0.1)	ND(0.1)		
Nickel	mg/L	0.07	0.09		
Selenium	mg/L	0.024	0.021		
Silver	mg/L	ND(0.004)	ND(0.004)		
Uranium	mg/L	4.83	6.46		
Radium 226	pCi/L	ND(1.0)	ND(1.0)		
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)		
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)		
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-3.83	-1.44		
Anions		62.6	64.4		
Cations		57.9	62.6		
Solids, Total Dissolved Calculated		3750	3830		
TDS Balance (0.80 - 1.20)		1.02	0.980		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-30	WN-30	WN-30	WN-30
Collection Date:		6/7/04 NST	2/17/2004 NST	11/18/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 11:00	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-006	C04020697-016	C03110757-021	C03080522-024
Alkalinity, Total as CaCO3	mg/L	339	376	374	370
Bicarbonate as HCO3	mg/L	414	459	456	451
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	867	799	764	837
Chloride	mg/L	110	162	122	104
Magnesium	mg/L	209	170	171	188
Nitrogen, Ammonia as N	mg/L	30.2	26.7	26.4	27.7
Nitrogen, Nitrate+Nitrite as N	mg/L	159	68.8	141	170
Potassium	mg/L	43.7	34.6	33.6	37.8
Sodium	mg/L	217	185	223	209
Sulfate	mg/L	2640	2440	2100	2450
Conductivity	umhos/cm	5520	5200	5250	5510
pH	s.u.	6.61	6.72	7.68	7.31
Solids, Total Dissolved TDS @ 180 C	mg/L	5300	4630	4680	5010
Aluminum	mg/L	ND(0.1)	0.10	ND(0.10)	ND(0.10)
Arsenic	mg/L	0.01	0.01	0.01	0.02
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	0.001	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	4.13	3.71	3.93	4.45
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	0.3	0.2	0.3	0.2
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.036	0.027	0.031	0.006
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	1.52	1.38	1.59	1.59
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.01	-2.19		
Anions		76.1	67.8		
Cations		73.2	64.9		
Solids, Total Dissolved Calculated		5030	4320		
TDS Balance (0.80 - 1.20)		1.05	1.07		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-31	WN-31	WN-31	WN-31
Collection Date:		6/7/04 NST	2/16/2004 NST	11/17/2003 NST	8/11/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 13:30	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-012	C04020697-004	C03110757-015	C03080522-019
Alkalinity, Total as CaCO3	mg/L	552	543	541	543
Bicarbonate as HCO3	mg/L	673	662	659	662
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Calcium	mg/L	854	890	815	917
Chloride	mg/L	164	187	167	151
Magnesium	mg/L	120	129	122	116
Nitrogen, Ammonia as N	mg/L	0.24	0.24	0.26	0.27
Nitrogen, Nitrate+Nitrite as N	mg/L	69.9	65.4	66	60
Potassium	mg/L	16.7	21.0	15.3	16.4
Sodium	mg/L	60.3	79.0	59.1	60.8
Sulfate	mg/L	1830	1840	1720	1940
Conductivity	umhos/cm	4290	4200	4230	4270
pH	s.u.	6.75	6.97	7.69	7.70
Solids, Total Dissolved TDS @ 180 C	mg/L	4100	3980	3890	4120
Aluminum	mg/L	ND(0.1)	ND(0.10)	ND(0.10)	ND(0.10)
Arsenic	mg/L	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Barium	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)	ND(0.050)	ND(0.050)	ND(0.050)
Lead	mg/L	ND(0.005)	0.006	ND(0.005)	ND(0.005)
Manganese	mg/L	0.11	0.11	0.10	0.11
Mercury	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Molybdenum	mg/L	0.2	0.2	0.2	0.2
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.012	ND(0.005)	0.012	ND(0.005)
Silver	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Uranium	mg/L	5.70	5.89	5.11	5.97
Radium 226	pCi/L	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)	4.4	ND(2.0)
Radium 228 precision (±)	pCi/L			1.6	
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.73	-0.057		
Anions		58.7	59.1		
Cations		55.6	59.0		
Solids, Total Dissolved Calculated		3710	3760		
TDS Balance (0.80 - 1.20)		1.11	1.06		

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-A	WN-A	WN-A	WN-A
Collection Date:		6/8/04 NST	2/17/2004 NST	11/18/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 14:45	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-019	C04020697-024	C03110757-018	C03080522007
Alkalinity, Total as CaCO3	mg/L	671		650	
Bicarbonate as HCO3	mg/L	819		792	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	744		743	
Chloride	mg/L	118	156	116	104
Magnesium	mg/L	108		105	
Nitrogen, Ammonia as N	mg/L	3.4		3.4	
Nitrogen, Nitrate+Nitrite as N	mg/L	1.59	1.81	1.8	2.5
Potassium	mg/L	16.8		14.7	
Sodium	mg/L	41.4		36.7	
Sulfate	mg/L	1770	1870	1550	1530
Conductivity	umhos/cm	4030		3710	
pH	s.u.	6.24	6.39	7.40	6.65
Solids, Total Dissolved TDS @ 180 C	mg/L	3500	3230	3390	3400
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		ND(0.05)	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	17.6		17.4	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	0.64		0.68	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.006	ND(0.005)	ND(0.005)	0.005
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	1.77	2.15	2.20	2.12
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-4.55			
Anions		53.8			
Cations		49.1			
Solids, Total Dissolved Calculated		3250			
TDS Balance (0.80 - 1.20)		1.08			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Split Rock Mill Site Monitor Wells					
Well ID:		WN-C	WN-C	WN-C	WN-C
Collection Date:		6/8/04 NST	2/17/2004 NST	11/18/2003 NST	8/12/2003 NST
Receive Date:		6/10/2004 15:00	2/19/2004 14:50	11/20/2003 15:45	8/14/2003 15:30
Report Date:		7/7/2004 14:45	3/25/2004 16:10	1/15/2004 13:41	9/24/2003 10:45
Analyte	Units	C04060479-016	C04020697-025	C03110757-017	C03080522-006
Alkalinity, Total as CaCO3	mg/L	588		716	
Bicarbonate as HCO3	mg/L	717		873	
Carbonate as CO3	mg/L	ND(1.0)		ND(1.0)	
Calcium	mg/L	669		691	
Chloride	mg/L	97.9	127	99.7	81.1
Magnesium	mg/L	157		136	
Nitrogen, Ammonia as N	mg/L	66		36	
Nitrogen, Nitrate+Nitrite as N	mg/L	51.9	42.4	38.3	44.9
Potassium	mg/L	31.1		22.0	
Sodium	mg/L	127		95.0	
Sulfate	mg/L	2020	1930	1750	1560
Conductivity	umhos/cm	4080		4320	
pH	s.u.	6.46	6.66	7.46	6.84
Solids, Total Dissolved TDS @ 180 C	mg/L	3900	3720	3700	3530
Aluminum	mg/L	ND(0.1)		ND(0.10)	
Arsenic	mg/L	ND(0.01)		ND(0.01)	
Barium	mg/L	ND(0.05)		ND(0.05)	
Beryllium	mg/L	ND(0.004)	ND(0.004)	ND(0.004)	ND(0.004)
Cadmium	mg/L	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
Chromium	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Iron	mg/L	ND(0.05)		ND(0.050)	
Lead	mg/L	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Manganese	mg/L	14.2		6.33	
Mercury	mg/L	ND(0.001)		ND(0.001)	
Molybdenum	mg/L	ND(0.1)		ND(0.1)	
Nickel	mg/L	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
Selenium	mg/L	0.015	0.011	ND(0.005)	ND(0.005)
Silver	mg/L	ND(0.004)		ND(0.004)	
Uranium	mg/L	4.17	5.62	4.76	5.39
Radium 226	pCi/L	ND(1.0)		ND(1.0)	
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)		ND(2.0)	
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.4)
Thorium 230 precision (±)	pCi/L				
A/C Balance (± 5)		-2.51			
Anions		60.3			
Cations		57.3			
Solids, Total Dissolved Calculated		3740			
TDS Balance (0.80 - 1.20)		1.03			

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Western Nuclear Inc					
GroundWater Monitoring Summary: Monitor Wells					
Well ID:		WN-FLD BLK	WN-FLD BLK		
Collection Date:		6/9/04 NST	2/18/04 NST		
Receive Date:		6/10/2004 15:00	2/19/2004 14:50		
Report Date:		7/7/2004 15:30	3/25/2004 13:00		
Analyte	Units	C04060479-030	C04020697-017		
Alkalinity, Total as CaCO3	mg/L	ND(10)	ND(10)		
Bicarbonate as HCO3	mg/L	2.4	2.8		
Carbonate as CO3	mg/L	ND(1.0)	ND(1.0)		
Calcium	mg/L	ND(1.0)	ND(1.0)		
Chloride	mg/L	ND(5.0)	ND(5.0)		
Magnesium	mg/L	ND(1.0)	ND(1.0)		
Nitrogen, Ammonia as N	mg/L	ND(0.05)	0.06		
Nitrogen, Nitrate+Nitrite as N	mg/L	ND(0.20)	ND(0.20)		
Potassium	mg/L	ND(1.0)	ND(1.0)		
Sodium	mg/L	ND(1.0)	ND(1.0)		
Sulfate	mg/L	ND(5.0)	ND(5.0)		
Conductivity	umhos/cm	5.6	4.0		
pH	s.u.	8.12	5.16		
Solids, Total Dissolved TDS @ 180 C	mg/L	ND(10)	ND(10)		
Aluminum	mg/L	ND(0.1)	ND(0.10)		
Arsenic	mg/L	ND(0.01)	ND(0.01)		
Barium	mg/L	ND(0.05)	ND(0.05)		
Beryllium	mg/L	ND(0.004)	ND(0.004)		
Cadmium	mg/L	ND(0.001)	ND(0.001)		
Chromium	mg/L	ND(0.005)	ND(0.005)		
Iron	mg/L	ND(0.05)	ND(0.050)		
Lead	mg/L	ND(0.005)	ND(0.005)		
Manganese	mg/L	ND(0.05)	ND(0.05)		
Mercury	mg/L	ND(0.001)	ND(0.001)		
Molybdenum	mg/L	ND(0.1)	ND(0.1)		
Nickel	mg/L	ND(0.05)	ND(0.05)		
Selenium	mg/L	ND(0.006)	ND(0.005)		
Silver	mg/L	ND(0.004)	ND(0.004)		
Uranium	mg/L	ND(0.001)	ND(0.001)		
Radium 226	pCi/L	ND(1.0)	ND(1.0)		
Radium 226 precision (±)	pCi/L				
Radium 228	pCi/L	ND(2.0)	ND(2.0)		
Radium 228 precision (±)	pCi/L				
Thorium 230	pCi/L	ND(0.4)	ND(0.4)		
Thorium 230 precision (±)	pCi/L				

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