

APPENDIX J

**SELECTED GROUNDWATER QUALITY DATA FOR MONITORING
WELLS 4A, 4B, 5, 5A, AND 5B**

Groundwater Quality Data for Selected Wells

Well	Sample Date	Arsenic	Cadmium	Copper	Mercury	Nickel	Selenium	Zinc
KIF-4A	07/02/76		1	60	0.2	50	1	200
KIF-4A	03/09/77	4	1	10	2	50	1	10
KIF-4A	01/11/89	1	3	20			1	620
KIF-4A	03/29/89	1	2	10			1	440
KIF-4A	06/28/89	2	2	20			1	480
KIF-4A	09/13/89	2	5	10		140	1	690
KIF-4A	11/29/89	1	4	40			1	1200
KIF-4A	03/06/90	3	5	90			1	820
KIF-4A	06/05/90	6	4	10			1	870
KIF-4A	09/05/90	4	5	40			1	830
KIF-4A	12/04/90	1	3	30			1	790
KIF-4A	03/20/91	3	4	10			1	860
KIF-4A	12/17/91	13	3	50				670
KIF-4A	03/03/92	1	5	160				830
KIF-4A	06/02/92	2	3	170				810
KIF-4A	09/01/92	3	4	10				790
KIF-4A	12/07/92	2	3	10		120		670
KIF-4A	06/08/93	1	2	10		100		660
KIF-4A	12/09/93	9	2	10		180		650
KIF-4A	06/13/94	1	3	10		98		580
KIF-4A	12/06/94	3	5	10		110		560
KIF-4A	06/21/95	2		10		92		450
KIF-4A	12/11/95	1		10		99		400

KIF-4B	07/02/76		1	180	0.6	310	1	2
KIF-4B	03/09/77	4	1	10	2	80	1	10
KIF-4B	01/11/89	2	0.1	10			1	10
KIF-4B	03/29/89	2	0.1	10			1	40
KIF-4B	06/28/89	6	0.4	30			1	70
KIF-4B	09/13/89	4	0.5	20		20	1	80
KIF-4B	11/29/89	6	0.4	20			1	110
KIF-4B	03/06/90	2	0.6	10			1	100
KIF-4B	06/05/90	2	0.3	10			1	60
KIF-4B	09/05/90	3	0.8	40			1	30
KIF-4B	12/04/90	6	0.3	10			1	70
KIF-4B	03/20/91	2	0.3	10			1	10
KIF-4B	06/04/91	10	0.4	10			1	30
KIF-4B	09/10/91	11	0.5	10			1	40
KIF-4B	12/17/91	7	0.3	30				20
KIF-4B	03/03/92	1	0.1	10				10
KIF-4B	06/02/92	1	0.5	60				100
KIF-4B	09/01/92	1	0.3	10				40
KIF-4B	12/07/92	5	0.4	10		9		60
KIF-4B	06/08/93	1	0.1	10		3		40
KIF-4B	12/09/93	1	0.1	10		16		10
KIF-4B	06/13/94	1	0.5	10		23		40
KIF-4B	12/06/94	1		10		15		10
KIF-4B	06/21/95	1		10		13		10
KIF-4B	12/11/95	6		10		84		90
KIF-4B	12/03/96	2	0.1	10		5		10
KIF-4B	12/04/96	1	0.2	10		7		100
KIF-4B	05/07/97	1	0.3	10		19		10
KIF-4B	05/08/97	1	0.2	10		1		10

Groundwater Quality Data for Selected Wells (continued)

Well	Sample Date	Arsenic	Cadmium	Copper	Mercury	Nickel	Selenium	Zinc
KIF-4B	12/09/97	3	0.3	10		16		50
KIF-4B	12/10/97	3	0.9	10		2		10
KIF-4B	06/30/98	1	0.5	10		32		40
KIF-4B	12/02/98	1	0.3	10		14		20
KIF-4B	12/03/98	3	2	10		39		50
KIF-4B	12/06/99	1	0.1	10		6		10
KIF-4B	12/07/99	1	0.4	10		11		13
KIF-4B	12/14/00	2	0.1	10	0.2	27	1	28
KIF-4B	06/28/01	1	0.18	12	0.2	2	1	11
KIF-4B	12/31/01	4.2	1	10	0.1	3.3	1	17
KIF-4B	06/28/02	1	0.1	10	0.1	7	1	10
KIF-4B	01/08/03	4	0.1	10	0.1	7.9	2.2	10
KIF-4B	06/16/03	1	0.5	10	0.1	16	1	40
KIF-4B	09/02/03	1.2	0.32	10	0.1	8.4	0.9	20
KIF-4B	12/29/03	0.4	0.29	10	0.1	7.9	0.3	10
KIF-4B	03/10/04	2	0.33	10	0.1	1.1	0.5	10
KIF-4B	06/07/04	4	0.4	10	0.1	4	1	30
KIF-4B	09/14/04	1	0.1	10	0.1	1	1	10

KIF-5	07/02/76		1	40	0.2	50	1	80
KIF-5	03/09/77	4	1	10	2	50	1	10
KIF-5	01/11/89	2	0.1	20			1	130
KIF-5	03/29/89	2	0.3	80			1	150
KIF-5	06/28/89	2	1	60			1	100
KIF-5	09/13/89	3	0.5	30		33	1	230
KIF-5	11/29/89	3	0.1	30			1	310
KIF-5	03/06/90	5	1	70			1	210
KIF-5	06/05/90	3	0.3	30			1	190
KIF-5	09/05/90	7	0.5	30			1	170
KIF-5	12/04/90	16	0.1	50			1	140
KIF-5	03/20/91	4	0.2	10			1	120
KIF-5	12/17/91	12	0.5	50				220
KIF-5	03/03/92	4	0.2	40				140
KIF-5	06/03/92	17	1	20				60
KIF-5	06/30/92			10				40
KIF-5	09/01/92	17	0.1	10				30

KIF-5A	07/02/76		1	90	0.2	180	1	410
KIF-5A	03/09/77	6	1	10	2	60	1	50
KIF-5A	03/28/89	1	0.3	10			1	10
KIF-5A	09/13/89	3	0.5	30		33	1	230
KIF-5A	11/29/89	3	0.1	30			1	310
KIF-5A	03/06/90	5	1	70			1	210
KIF-5A	03/07/90	2	1	100			1	80
KIF-5A	06/07/90	8	0.6	10			1	40
KIF-5A	09/06/90	2	0.9	10			1	10
KIF-5A	12/05/90	1	0.3	10			1	1300
KIF-5A	03/21/91	1	0.5	20			1	220
KIF-5A	12/17/91	5	0.5	10				90
KIF-5A	12/17/91	12	0.5	50				220
KIF-5A	06/30/92			10				250
KIF-5A	08/20/92			190				1200

Groundwater Quality Data for Selected Wells (continued)

Well	Sample Date	Arsenic	Cadmium	Copper	Mercury	Nickel	Selenium	Zinc
KIF-5B	03/09/77	4	1	20	2	50	1	200
KIF-5B	01/11/89	1	0.1	10			1	10
KIF-5B	03/29/89	1	1	10			1	10
KIF-5B	06/28/89	2	0.1	10			1	20
KIF-5B	09/13/89	1	0.1	10		12	1	60
KIF-5B	11/29/89	1	0.2	10			1	190
KIF-5B	03/06/90	1	0.4	20			1	50
KIF-5B	06/05/90	1	0.1	10			1	40
KIF-5B	09/05/90	1	0.5	30			1	20
KIF-5B	12/04/90	4	0.3	10			1	10
KIF-5B	03/20/91	1	0.1	20			1	10
KIF-5B	12/17/91	7	0.2	20				110
KIF-5B	03/03/92	1	0.2	10				20
KIF-5B	06/03/92	47	1	(1000)*				250
KIF-5B	06/30/92			10				260
KIF-5B	09/01/92	3	0.2	10				110

Average Concentration =	3.8	1.0	26	0.6	46	1.0	210
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* outlier