Appendix B. Number of analyses and detections of pesticides and atrazine transformation products listed by well.

	Acetochlor	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
Antelope Valley aquifer																																						
R20-95-16																																						
Analyses	2	2	2	2	2	1	1			1	2	2	1	2		2	1					2	2	2	1	1			2			1	2				2	38
Detections	0	0	0	0	0	0	0			0	0	0	0	0		0	0					0	0	0	0	0			0			0	0				0	0
R20-95-15																																						
Analyses	2	2	2	2	2	1	1			1	2	2	1	2		2	1					2	2	2	1	1			2			1	2				2	38
Detections	0	0	0	0	0	0	0			0	0	0	0	0		0	0					0	0	0	0	0			0			0	0				0	0
R20-95-18																																						
Analyses	2	2	2	2	2	1	1			1	2	2	1	2		2	1					2	2	2	1	1			2			1	2				2	38
Detections	0	0	0	0	0	0	0			0	0	0	0	0		0	0					0	0	0	0	0			0			0	0				0	0
R20-95-17																																						
Analyses	2	2	2	2	2	1	1			1	2	2	1	2		2	1					2	2	2	1	1			2			1	2				2	38
Detections	0	0	0	0	0	0	0			0	0	0	0	0		0	0					0	0	0	0	0			0			0	0				0	0
Bear Butte Creek aquifer																																						
R20-95-97																																						
Analyses	2	2	2	2	2					1	2	2		1		1						1	2		2				2				2					26
Detections	0	0	0	0	0					0	0	0		0		0						0	0		0				0				1					1
R20-95-100																																						
Analyses	4	4	4	4	4					1	4	5		1		1						4	4		5				5				4			1		55
Detections	0	2	0	0	0					0	1	0		0		0						0	2		0				0				1			0		6
Big Sioux aquifer																																						
R20-89-42																																						
Analyses	4	13	13	4	4	12	3	12	10	8	13	13	2	13		13	5	8	11	1		13	13	13	3	11		8	12	1			3	8	9	3	13	272
Detections	0	0	3	1	1	0	0	0	0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0			0	0	0	0	0	5
R20-89-40																																						
Analyses	4	13	13	3	3	12	3	12	10	8	13	13	2	13		13	5	8	11	1		13	13	13	3	11		8	12	1			3	8	9		13	267
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		0	0	0	0	0		0	0	0			0	0	0		2	2
R20-89-44																																						
Analyses	4	13	13	3	3	13	3	12	10	8	13	13	2	13		13	5	8	11			13	13	13	3	11		8	12	1			3	8	9	3	13	270
Detections	0	0	1	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0	0	0	1
R20-89-43																																						
Analyses	4	13	13	3	3	13	3	12	10	8	13	13	2	13		13	5	8	11			13	13	13	3	11		8	12	1			3	8	9		13	267
Detections	0	0	1	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	1
R20-89-46																																						
Analyses	4	13	13	3	3	13	4	12	10	8	13	13	2	13		13	5	8	11			13	13	13	3	11		8	11	1			3	8	9	3	13	270
Detections	0	0	1	0	0	0	0	0	0	0	1	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0	0	0	2
R20-89-45																																						
Analyses	4	13	13	3	3	13	4	12	10	8	13	13	2	13		13	5	8	11			13	13	13	3	11		8	11	1			3	8	9		13	267
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	0

Appendix B. (continued)

Big Sioux aquifer (continued)	Acetochlor	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
R20-89-48																																						
Analyses	4	13	13	3	3	13	4	12	10	8	13	13	2	13		13	5	8	11			13	13	13	3	12		8	11	1			3	8	9	3	13	271
Detections	0	0	2	0	0	1	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	2	0			0	0	0	0	0	5
R20-89-47																																						
Analyses	4	13	13	3	3	13	4	12	10	8	13	13	2	13		13	5	8	11			13	13	13	3	12		8	11	1			3	8	9		13	268
Detections	0	0	2	0	0	0	0	0	0	0	1	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	3
R20-89-50																																						
Analyses	16	26	26	12	12	26	13	22	17	8	25	26	5	26		26	18	8	21			26	26	26	13	25		8	21	4			11	8	9	3	26	539
Detections	0	0	20	0	0	1	0	0	0	0	3	1	0	0		0	0	0	0			0	1	0	0	0		0	0	0			0	0	0	0	0	26
R20-89-49																																						
Analyses	16	26	26	12	12	26	13	22	17	8	25	26	5	26		26	18	8	21			26	26	26	13	25		8	21	4			11	8	9		26	536
Detections	0	0	10	0	0	3	0	0	0	0	3	1	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	17
R20-89-55																																						
Analyses	6	16	16	8	7	16	7	12	10	8	16	16	4	16		15	4	8	11			16	15	16	3	11		8	15	1			5	8	9		16	319
Detections	0	2	4	2	1	1	0	0	0	0	3	0	2	3		0	0	0	0			0	2	0	0	0		0	3	0			1	0	0		0	24
R20-89-54																																						
Analyses	6	16	16	9	7	16	7	12	10	8	16	16	4	16		15	4	8	11			16	15	16	3	11		8	15	1			5	8	9		16	320
Detections	0	1	4	3	1	2	0	0	0	0	3	1	2	3		0	0	0	0			0	2	0	0	0		0	0	0			0	0	0		0	22
R20-89-57																																						
Analyses	4	12	12	3	3	11	4	11	9	7	12	12	1	12		11	3	7	10			11	12	12	3	11		7	11	1			3	7	8		12	242
Detections	0	0	2	0	0	0	0	0	0	0	0	1	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	3
R20-89-56																																						
Analyses	4	12	12	3	3	11	4	11	9	7	12	12	1	12		11	3	7	10			11	12	12	3	11		7	11	1			3	7	8		12	242
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	0
R20-89-60																																						
Analyses	13	22	22	9	9	21	13	21	16	8	22	22	5	22		21	13	8	20			21	22	22	12	21		8	21	4			9	8	9		22	466
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	0
R20-89-59																																						
Analyses	13	22	22	9	9	21	13	21	16	8	22	22	5	22		21	13	8	20			21	22	22	12	21		8	21	4			9	8	9		22	466
Detections	0	1	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	1
R20-89-64																																						
Analyses	16	26	26	12	12	26	17	22	17	8	26	26	5	26		25	14	8	21			26	25	26	13	21		8	25	4			11	8	9		26	535
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0	0	0			0	0	0	0	0		0	1	0			0	0	0		0	1
R20-89-63																																						
Analyses	16	26	26	12	12	26	17	22	17	8	26	26	5	26		25	14	8	21			26	25	26	13	21		8	25	4			11	8	9		26	535
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	0
R20-89-65																																						
Analyses	4	10	10	3	3	9	3	9	7	5	10	10	1	10		9	4	5	8			9	10	9	3	9		5	8	1			3	5	6		10	198
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	0
R20-89-67																																						
Analyses	4	10	10	3	3	9	3	9	7	5	10	10	1	10		9	4	5	8			9	10	9	3	9		5	8	1			3	5	6		10	198
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			0	0	0	0	0		0	0	0			0	0	0		0	0

Appendix B. (continued)

Big Sioux aquifer (continued)	Acetochlor	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
R20-93-30																																						
Analyses	16	17	17	12	12	17	13	13	9		16	17	4	17		17	13		13			17	16	17	13	13			13	4			11				17	344
Detections	0	1	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	1	0	0	0			0	0			1				0	3
R20-89-37																																						
Analyses	16	26	26	12	12	26	13	22	17	8	25	26	5	26		26	14	8	21	1		26	25	26	13	21		8	21	4			11	8	9		26	528
Detections	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		0	1	0	0	0		0	0	0			0	0	0		0	1
R20-94-02																																						
Analyses	7	7	7	3	3	7	7	6	5		7	7	1	7		7	6		6			7	7	7	6	6			7	1			3				7	144
Detections	0	1	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			1				0	2
R20-94-01																																						
Analyses	7	7	7	3	3	7	7	6	5		7	7	1	7		7	6		6			7	7	7	6	6			7	1			3				7	144
Detections	0	0	1	0	0	0	0	0	0		0	0	0	0		0	0		0			0	1	0	0	0			0	0			0				0	2
R20-94-05																																						
Analyses	7	7	7	3	3	6	5	6	5		7	6	1	6		7	7		6			6	7	7	6	7			5	1			3				7	138
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	0
R20-94-04																																						
Analyses	7	7	7	3	3	7	6	6	5		7	7	1	7		7	7		6			7	7	7	6	7			6	1			3				7	144
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	0
R20-94-06																																						
Analyses	7	7	7	3	3	7	6	6	5		7	7	1	7		7	7		6			7	7	7	6	7			6	1			3				7	144
Detections	0	0	2	1	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	3
R20-94-07																																						
Analyses	7	7	7	3	3	7	6	6	5		7	7	1	7		7	7		6			7	7	7	6	7			6	1			3				7	144
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	0
R20-94-09																																						
Analyses	7	7	7	5	3	7	7	6	5		7	7	1	7		7	7		6			7	7	7	6	7			6	1			3				7	147
Detections	0	0	1	3	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	4
R20-94-08																																						
Analyses	7	7	7	3	3	7	7	6	5		7	7	1	7		7	7		6			7	7	7	6	7			6	1			3				7	145
Detections	0	0	0	1	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	1
R20-94-12																																						
Analyses	9	9	10	9	9	10	6	6	5		10	10	1	10		10	10		6			10	10	6	6	6			6	1			5				10	190
Detections	0	1	8	7	4	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	20
R20-94-13																																						
Analyses	7	7	7	4	4	6	6	6	5		7	7	1	7		7	7		6			7	7	7	6	6			7	1			3				7	145
Detections	0	0	0	1	1	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	2
R20-94-15																																						
Analyses	7	7	7	3	3	6	6	6	5		7	7	1	7		7	7		6			6	7	6	6	7			6	1			3				7	141
Detections	0	1	1	0	0	0	0	0	0		1	0	0	0		0	0		0			0	0	0	0	0			0	0			1				0	4
R20-94-14																																						
Analyses	7	7	7	3	3	6	6	6	5		7	7	1	7		7	7		6			6	7	6	6	7			6	1			3				7	141
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	0

Appendix B. (continued)

	Acetochlor	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
Big Sioux aquifer (continued)																																						
R20-94-24																																						
Analyses	7	7	7	4	4	7	7	6	5		7	7	1	7		7	7		6			7	7	7	6	7			6	1			3				7	147
Detections	0	0	6	1	1	1	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	9
R20-94-23																																						
Analyses	7	7	7	3	3	7	7	6	5		7	7	1	7		7	7		6			7	7	7	6	7			6	1			3				7	145
Detections	0	0	0	0	0	2	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	2
Bowdle aquifer																																						
R20-89-07																																						
Analyses	5	14	14	9	9		13				5	14		14		14			13			14	5	4	14	13		13	13		4		9	4		5	14	236
Detections	0	0	0	0	0		0				0	0		0		0			0			0	0	0	0	0		0	0		0		0	0		0	0	0
R20-89-06																																						
Analyses	5	14	14	9	9		13				5	14		14		14			13			14	5	4	14	13		13	13		4		9	4		5	14	236
Detections	0	0	0	0	0		0				0	0		0		0			0			0	0	0	0	0		0	0		0		0	0		0	0	0
R20-89-10																																						
Analyses	2	4	4	3	3		3				2	4		4		4			3			4	2	1	4	3		3	3		1		3	1		1	4	66
Detections	0	0	0	0	0		0				0	0		0		0			0			0	0	0	0	0		0	0		0		0	0		0	0	0
R20-89-09																																						
Analyses	2	4	4	3	3		3				2	4		4		4			3			4	2	1	4	3		3	3		1		3	1		1	4	66
Detections	0	0	0	0	0		0				0	0		0		0			0			0	0	0	0	0		0	0		0		0	0		0	0	0
R20-90-16																																						
Analyses	8	17	17	12	12		13				8	17		17		17			13			17	8	4	17	13		13	13		4		12	4		5	17	278
Detections	0	0	0	0	0		0				0	0		0		0			0			0	0	0	0	0		0	0		0		0	0		0	0	0
R20-90-15																																						
Analyses	8	17	17	12	12		13				8	17		17		17			13			17	8	4	17	13		13	13		4		12	4		5	17	278
Detections	0	0	0	0	0		0				0	0		0		0			0			0	0	0	0	0		0	0		0		0	0		0	0	0
R20-96-20																																						
Analyses	1	1	1	1	1						1	1		1		1						1	1		1	1			1				1				1	16
Detections	0	0	0	0	0						0	0		0		0						0	0		0	0			0				0				0	0
R20-96-19																																						
Analyses	1	1	1	1	1						1	1		1		1						1	1		1	1			1				1				1	16
Detections	0	0	0	0	0						0	0		0		0						0	0		0	0			0				0				0	0
R20-96-21																																						
Analyses	1	1	1	1	1						1	1		1		1						1	1		1	1			1				1				1	16
Detections	0	0	0	0	0						0	0		0		0						0	0		0	0			0				0				0	0

Appendix B. (continued)

	Acetochlor	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
Cheyenne River aquifer																																						
R20-95-88																																						
Analyses	2	2	2	2	2		1				2	2	1	1		1						1	2	1	2	1			1				2				1	29
Detections	0	0	0	0	0		0				0	0	0	0		0						0	0	0	0	0			0				0				0	0
R20-95-90																																						
Analyses	2	2	2	2	2		1				2	2	1	1		1						1	2	1	2	1			2				2			1	1	31
Detections	0	0	0	0	0		0				0	0	0	0		0						0	0	0	0	0			0				0			0	0	0
Delmont aquifer																																						
R20-91-53																																						
Analyses	2	4	4	3	3	1	3	1	2	3	2	4		4		1						3	4	1	4	4		3	2		1		3	3		1	4	70
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0		0						0	0	0	0	0		0	0		0		0	0		0	0	0
R20-91-52																																						
Analyses	2	4	4	3	3	1	3	1	2	3	2	4		4		1						3	4	1	4	4		3	2		1		3	3		1	4	70
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0		0						0	0	0	0	0		0	0		0		0	0		0	0	0
R20-91-55																																						
Analyses	5	7	7	7	6	1	3	1	2	3	5	7		7		1						3	7	1	7	7		3	5		1		6	3		1	7	113
Detections	0	0	0	4	0	0	0	0	0	0	0	0		0		0						0	0	0	0	0		0	0		0		0	0		0	0	4
R20-91-54																																						
Analyses	5	7	7	6	6	1	3	1	2	3	5	7		7		1						3	7	1	7	7		3	5		1		6	3		1	7	112
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0		0						0	0	0	0	0		0	0		0		0	0		0	0	0
Highmore-Blunt aquifer																																						
R20-96-27																																						
Analyses	1	1	1	1	1						1	1		1		1							1		1								1				1	13
Detections	0	0	0	0	0						0	0		0		0							0		0								0				0	0
R20-96-26																																						
Analyses	1	1	1	1	1						1	1		1		1							1		1								1				1	13
Detections	0	0	0	0	0						0	0		0		0							0		0								0				0	0
R20-96-30																																						
Analyses	1	1	1	1	1						1	1		1		1							1		1								1				1	13
Detections	0	0	1	0	0						0	0		0		0							0		0								0				0	1
R20-96-29																																						
Analyses	1	1	1	1	1						1	1		1		1							1		1								1				1	13
Detections	0	0	0	0	0						0	0		0		0							0		0								0				0	0
R20-96-31																																						
Analyses	1	1	1	1	1						1	1		1									1		1								1					11
Detections	0	0	0	0	0						0	0		0									0		0								0					0

Appendix B. (continued)

Missouri aquifer	Acetochlor	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
R20-95-05																																						
Analyses	2	2	2	2	2	2	2				2	2	1	2		2	1						2		2	2			1				2				2	35
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-04																																						
Analyses	2	2	2	2	2	2	2				2	2	1	2		2	1						2		2	2			1				2				2	35
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-07																																						
Analyses	2	2	2	2	2	2	2				2	2	1	2		2	1						2		2	1			1				2				2	34
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-06																																						
Analyses	2	2	2	2	2	2	2				2	2	1	2		2	1						2		2	1			1				2				2	34
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-09																																						
Analyses	2	2	2	2	2	1	1				2	2	1	2		2	1						2		1	2			1				2				2	32
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-08																																						
Analyses	2	2	2	2	2	1	1				2	2	1	2		2	1						2		1	2			1				2				2	32
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-12																																						
Analyses	2	2	2	2	2	1	1				2	2	1	2		2	1						2		1	2			1				2				2	32
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-11																																						
Analyses	2	2	2	2	2	1	1				2	2	1	2		2	1						2		1	2			1				2				2	32
Detections	0	0	0	0	0	0	0				0	0	0	0		0	0						0		0	0			0				0				0	0
R20-95-14																																						
Analyses	2	2	2	2	2	2	1				2	2	1	2		2							2		2	2			1				2				2	33
Detections	0	0	0	0	0	0	0				0	0	0	0		0							0		0	0			0				0				0	0
R20-95-13																																						
Analyses	2	2	2	2	2	2	1				2	2	1	2		2							2		2	2			1				2				2	33
Detections	0	0	0	0	0	0	0				0	0	0	0		0							0		0	0			0				0				0	0

Appendix B. (continued)

Ogallala aquifer	Acetochlor	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
R20-94-31																																						
Analyses	3	3	3	3	3		1			2	3	3		3		1						2	3	1	2				2				3				1	42
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-30																																						
Analyses	3	3	3	3	3		1			2	3	3		3		1						2	3	1	2				2				3				1	42
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-33																																						
Analyses	3	3	3	3	3		1			2	3	3		2		1						2	3	1	2				2				3				1	41
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-32																																						
Analyses	3	3	3	3	3		1			2	3	3		2		1						2	3	1	2				2				3				1	41
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-35																																						
Analyses	9	9	9	9	9		4			8	9	9		8		4						8	9	5	7				8				9			2	4	139
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0			0	0	0
R20-94-34																																						
Analyses	9	9	9	9	9		4			8	9	9		8		4						8	9	4	8		1		8				9			2	4	140
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0		0		0				0			0	0	0
R20-94-37																																						
Analyses	3	3	3	3	3		1			2	3	3		2		1						2	3	1	2				2				3				1	41
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-36																																						
Analyses	3	3	3	3	3		1			2	3	3		2		1						2	3	1	2				2				3				1	41
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-39																																						
Analyses	9	9	9	9	9		1			5	9	9		9		1						5	9	1	9				9				9				1	122
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-38																																						
Analyses	9	9	9	9	9		1			5	9	9		9		1						5	9	1	9				9				9				1	122
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-41																																						
Analyses	9	9	9	9	9		4			5	9	9		9		4						5	9	4	9				9				9			2	4	136
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0			0	0	0
R20-94-40																																						
Analyses	9	9	9	9	9		4			5	9	9		9		4						5	9	4	9				9				9			2	4	136
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0			0	0	0
R20-94-50																																						
Analyses	3	3	3	3	3		1			3	3	3		3		1						3	3	1	3				2				3				1	45
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0

Appendix B. (continued)

	Acetochlorr	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detectons
Parker-Centerville aquifer																																						
R20-88-10																																						
Analyses	16	16	16	11	11	16	16	4	8	4	16	16		16	8	16	8		12		8	1	16	8	12	16			12		4		11	12			16	326
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0	0	0	0	0	0			0		0		0	0			0	0
CO-83-158																																						
Analyses	16	16	16	11	11	16	16	4	8	4	16	16		16	8	16	8		12		7	1	16	8	12	16			12		4		11	12			16	325
Detections	0	1	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0	0	1	0	0	0			0		0		1	0			0	3
R20-88-11																																						
Analyses	14	14	14	9	9	14	14	4	9	4	14	14		14	9	14	9		13		8		14	5	13	14			13		4		9	13			14	299
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0		0	0	0	0			0		0		0	0			0	0
CO-83-149																																						
Analyses	14	14	14	9	9	14	14	4	9	4	14	14		14	9	14	9		13		7		14	5	13	14			13		4		9	13			14	298
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0		0	0	0	0			0		0		0	0			0	0
R20-90-10																																						
Analyses	4	4	4	3	3	4	4	1	2	1	4	4		4	2	4	2		3		2		4	2	3	4			4		1		3	3			4	83
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0		0	0	0	0			0		0		0	0			0	0
R20-90-09																																						
Analyses	4	4	4	3	3	4	4	1	2	1	4	4		4	2	4	2		3		2		4	2	3	4			4		1		3	3			4	83
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0		0	0	0	0			0		0		0	0			0	0
R20-96-13																																						
Analyses	1	1	1	1	1	1	1				1	1		1		1	1						1		1								1				1	16
Detections	0	0	0	0	0	0	0				0	0		0		0	0						0		0								0				0	0
R20-96-12																																						
Analyses	1	1	1	1	1	1	1				1	1		1		1	1						1		1								1				1	16
Detections	0	0	0	0	0	0	0				0	0		0		0	0						0		0								0				0	0
Rapid Creek aquifer																																						
R20-95-107																																						
Analyses	2	2	2	2	2						2	2	1	2		1						1	2		2	1			2				2			1	1	30
Detections	0	0	0	0	0						0	0	0	0		0						0	0		0	0			0				0			0	0	0
R20-95-94																																						
Analyses	5	5	5	5	5						5	5	4	5		4						4	5		5	4			5				5			1	4	81
Detections	0	0	0	0	0						0	0	0	0		0						0	0		0	0			0				0			0	0	0
Sand Hills aquifer																																						
R20-94-29																																						
Analyses	3	3	3	3	3		1			2	3	3		3		1						2	3	1	2				2				3				1	42
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0
R20-94-28																																						
Analyses	3	3	3	3	3		1			2	3	3		3		1						2	3	1	2				2				3				1	42
Detections	0	0	0	0	0		0			0	0	0		0		0						0	0	0	0				0				0				0	0

Appendix B. (continued)

	Acetochlorr	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
Selby aquifer																																						
R20-96-23																																						
Analyses	1	1	1	1	1						1	1		1									1		1								1					11
Detections	0	0	0	0	0						0	0		0									0		0								0					0
R20-96-22																																						
Analyses	1	1	1	1	1						1	1		1									1		1								1					11
Detections	0	0	0	0	0						0	0		0									0		0								0					0
R20-96-24																																						
Analyses	1	1	1	1	1						1	1		1								1	1		1								1					12
Detections	0	0	0	0	0						0	0		0								0	0		0								0					0
R20-96-25																																						
Analyses	1	1	1	1	1						1	1		1								1	1		1								1					12
Detections	0	0	0	0	0						0	0		0								0	0		0								0					0
Skunk Creek aquifer																																						
R20-94-18																																						
Analyses	11	12	12	12	12	12	12	8	4		12	12	4	12		12	8		8			12	11	12	8	8			12	4			11				12	253
Detections	0	1	7	3	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			1				0	12
R20-94-17																																						
Analyses	11	12	12	12	12	12	12	8	4		12	12	4	12		12	8		8			12	11	12	8	8			12	4			11				12	253
Detections	0	0	1	0	0	0	0	0	0		0	0	0	0		0	0		0			0	1	0	0	0			0	0			0				0	2
R20-94-20																																						
Analyses	8	9	9	9	9	9	9	8	4		9	9	4	9		9	8		8			9	8	9	8	8			9	4			8				9	202
Detections	0	1	1	0	0	0	0	0	0		0	0	0	0		0	0		0			0	1	0	0	0			0	0			1				0	4
R20-94-19																																						
Analyses	8	9	9	9	9	9	9	8	4		9	9	4	9		9	8		8			9	8	9	8	8			9	4			8				9	202
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	0
R20-94-22																																						
Analyses	2	3	3	3	3	3	2	2	1		2	3	1	3		3	3		2			3	3	3	2	2			3	1			2				3	61
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	1	0	0	0			0	0			0				0	1
R20-94-21																																						
Analyses	2	3	3	3	3	3	2	2	1		2	3	1	3		3	3		2			3	3	3	2	2			3	1			2				3	61
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	0
R20-94-27																																						
Analyses	2	3	3	3	3	3	2	2	1		2	3	1	3		3	3		2			3	3	3	2	2			3	1			2				3	61
Detections	0	0	0	0	0	0	0	0	0		0	0	0	0		0	0		0			0	0	0	0	0			0	0			0				0	0
R20-94-26																																						
Analyses	2	3	3	3	3	3	2	2	1		2	3	1	3		3	3		2			3	3	3	2	2			3	1			2				3	61
Detections	0	0	1	0	0	0	0	0	0		0	0	0	0		0	0		0			0	1	0	0	0			0	0			0				0	2

Appendix B. (continued)

	Acetochlorr	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
Spearfish Creek aquifer																																						
R20-95-102																																						
Analyses	4	5	5	5	5	4					4	5	1	5		1						1	5		5	1			1				4				5	66
Detections	0	1	0	0	0	0					1	0	0	0		0						0	2		0	0			0				0				0	4
R20-95-104																																						
Analyses	5	5	5	5	5	1					5	5	4	5		4						4	5		5	4			4				5				5	81
Detections	0	0	0	0	0	0					0	0	0	0		0						0	0		0	0			0				0				0	0
R20-95-103																																						
Analyses	5	5	5	5	5	1					5	5	4	5		4						4	5		5	4			4				5				5	81
Detections	0	1	1	0	0	0					0	0	0	0		0						0	1		0	0			0				1				0	4
Tulare aquifer																																						
R20-96-33 *																																						
Analyses																																						
Detections																																						
R20-96-32																																						
Analyses	1	1	1	1	1	1	1		1		1	1		1		1	1					1	1	1	1	1			1				1				1	21
Detections	0	0	0	0	0	0	0		0		0	0		0		0	0					0	0	0	0	0			0				0				0	0
R20-96-35																																						
Analyses	1	1	1	1	1	1	1		1		1	1		1		1	1					1	1	1	1	1			1				1				1	21
Detections	0	0	0	0	0	0	0		0		0	0		0		0	0					0	0	0	0	0			0				0				0	0
R20-96-34																																						
Analyses	1	1	1	1	1	1	1		1		1	1		1		1	1					1	1	1	1	1			1				1				1	21
Detections	0	0	0	0	0	0	0		0		0	0		0		0	0					0	0	0	0	0			0				0				0	0
R20-96-37																																						
Analyses	1	1	1	1	1	1	1		1		1	1		1		1	1					1	1	1	1	1			1				1				1	21
Detections	0	0	0	0	0	0	0		0		0	0		0		0	0					0	0	0	0	0			1				0				0	1
R20-96-36																																						
Analyses	1	1	1	1	1	1	1		1		1	1		1		1	1					1	1	1	1	1			1				1				1	21
Detections	0	0	0	0	0	0	0		0		0	0		0		0	0					0	0	0	0	0			0				0				0	0

Appendix B. (continued)

	Acetochlorr	Alachlor	Atrazine	Desethyl Atrazine	Desisopropyl Atrazine	Bentazon	Bromoxynil	Butylate	Carbofuran	Chlorpyrifus	Cyanazine	2,4-D	DCPA	Dicamba	Dimethazone	EPTC	Ethalfluralin	Ethoprop	Fonofos	Glyphosate	Imazaquin	MCPA	Metolachlor	Metribuzin	Parathion	Pendimethalin	Phosphamidon	Phorate	Picloram	Prometon	Propachlor	Quizalofop-Ethyl	Simazine	Terbufos	2,4,5-TP	Triasulfuron	Trifluralin	Total number of analyses and detections
Vermillion-East-Fork aquifer																																						
R20-96-15																																						
Analyses	1	1	1	1	1	1	1				1	1		1		1						1	1	1	1				1				1				1	18
Detections	0	0	0	0	0	0	0				0	0		0		0						0	0	0	0				0				0				0	0
R20-96-14																																						
Analyses	1	1	1	1	1	1	1				1	1		1		1						1	1	1	1				1				1				1	18
Detections	0	0	0	0	0	0	0				0	0		0		0						0	0	0	0				0				0				0	0
R20-96-18																																						
Analyses	1	1	1	1	1	1	1				1	1		1		1	1					1	1		1								1				1	17
Detections	0	0	0	0	0	0	0				0	0		0		0	0					0	0		0								0				0	0
R20-96-17																																						
Analyses	1	1	1	1	1	1	1				1	1		1		1	1					1	1		1								1				1	17
Detections	0	0	0	0	0	0	0				0	0		0		0	0					0	0		0								0				0	0
Vermillion-West-Fork aquifer																																						
R20-88-01																																						
Analyses	7	7	7	6	6	7	7	1	2	1	7	7		7	2	7	2		3		2		7	5	3	7			3		1		6	3			7	130
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0		0	0	0	0			1		0		0	0			0	1
TU-80C																																						
Analyses	7	7	7	6	6	7	7	1	2	1	7	7		7	2	7	2		3		2		7	5	3	7			3		1		6	3			7	130
Detections	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0		0		0	0	0	0			0		0		0	0			0	0

Note: Wells located at the same monitoring site are bracketed within horizontal lines with the shallow well listed above the deep well.
* Well R20-96-33 was not sampled due to pump malfunction.