Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
SO-07	10164237		Ammonia Solid	3600		mg/Kg
			NO3N/Total Solid	18.9		mg/Kg
			Total Nitrogen/Solid	16100		mg/Kg
		Pesticides	2,3,4,5-Tetrachlorophenol	62	U	ug/Kg
			2,3,4,6-Tetrachlorophenol	62	U	ug/Kg
			2,4,5-T	62	U	ug/Kg
			2,4,5-Trichlorophenol	62	U	ug/Kg
			2,4,6-Trichlorophenol	62	UJ	ug/Kg
			2,4-D	62	U	ug/Kg
			2,4-DB	62	U	ug/Kg
			3,5-Dichlorobenzoic acid	62	U	ug/Kg
			4-Nitrophenol	44	J	ug/Kg
			Acifluorfen	62	UJ	ug/Kg
			Alachlor	87	U	ug/Kg
			Atrazine	87	U	ug/Kg
			Azinphos-methyl	87	UJ	ug/Kg
			Bentazon	62	U	ug/Kg
			Benzonitrile, 2,6-dichloro-	87	U	ug/Kg
			Bromoxynil	62	U	ug/Kg
			Chloramben	62	UJ	ug/Kg
			Chlorpyrifos, Ethyl	13	J	ug/Kg
			Clopyralid	62	U	ug/Kg
			DACTHAL-DCPA	10	J	ug/Kg
			Diazinon	87	U	ug/Kg
			Dicamba	4.4	J	ug/Kg
			Dichlorprop	62	U	ug/Kg
			Diclofop, Methyl	62	U	ug/Kg
			Dinoseb	62	UJ	ug/Kg
			Diuron	22	J	ug/Kg
			Endosulfan I	87	U	ug/Kg
			Endosulfan II	87	U	ug/Kg
			Endosulfan Sulfate	87	U	ug/Kg
			Fenhexamid	87	UJ	ug/Kg
			Fenpropathrin	87	U	ug/Kg
			Imidan	87	UJ	ug/Kg
			Ioxynil	62	U	ug/Kg
			Kresoxim-methyl	87	U	ug/Kg
			MCPA	62	U	ug/Kg
			MCPP	62	U	ug/Kg
			Metribuzin	87	UJ	ug/Kg
			Myclobutanil	87	U	ug/Kg
			Oxyfluorfen	87	U	ug/Kg
			Pendimethalin	87	U	ug/Kg
			Pentachlorophenol	3.2	J	ug/Kg
			Picloram	62	U	ug/Kg
			Propargite	87	U	ug/Kg
			Silvex	62	U	ug/Kg
			Simazine	87	U	ug/Kg
			SURFLAN	170	UJ	ug/Kg
			Terbacil	87	U	ug/Kg
			Trichlorpyr	62	U	ug/Kg
			Triflumizole	87	U	ug/Kg
			Trifluralin	87	U	ug/Kg

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
		Steroids / Hormones	11-Keto Testosterone	8.8		ug/Kg
			17a-Hydroxyprogesterone	3.64		ug/Kg
			17alpha-trenbolone	0.1	U	ug/Kg
			17beta-estradiol	8.35		ug/Kg
			17beta-trenbolone	0.1	U	ug/Kg
			4-Androstenedione	10.2		ug/Kg
			a-Estradiol	18.7		ug/Kg
			Androstanedienedione	13.5		ug/Kg
			Androsterone	0.1	U	ug/Kg
			a-Zearalanol	0.1	U	ug/Kg
			a-Zearalenol	0.1	U	ug/Kg
			b-Zearalanol	0.1	U	ug/Kg
			b-Zearalenol	0.1	U	ug/Kg
			Epitestosterone	2.78		ug/Kg
			Estriol	0.1	U	ug/Kg
			Estrone	0.1	U	ug/Kg
			Ethynyl Estradiol	8.52		ug/Kg
			Melengesterol Acetate	0.1	U	ug/Kg
			Progesterone	39		ug/Kg
			Testosterone	0.1	U	ug/Kg
		Veterinary Pharmaceuticals	Chlortetracycline(total)	2303		**ug/Kg**
			Erythromycin	0.5	U	**ug/Kg**
			Lincomycin	0.5	U	**ug/Kg**
			Monensin	283		**ug/Kg**
			Oxytetracycline	134		**ug/Kg**
			Ractopamine	0.5	U	**ug/Kg**
			Sulfachloropyridazine	0.5	U	**ug/Kg**
			Sulfadimethoxine	6.8		**ug/Kg**
			Sulfamerazine	0.5	U	**ug/Kg**
			Sulfamethazine	2		**ug/Kg**
			Sulfamethazole	0.5	U	**ug/Kg**
			Sulfamethoxazole	0.5	U	**ug/Kg**
			Sulfathiazole	0.5	U	**ug/Kg**
			Tetracyline	2484		**ug/Kg**
			Tiamulin	0.5	U	**ug/Kg**
			Tylosin	21.1		**ug/Kg**
			Virginiamycin	0.5		**ug/Kg**
		Wastewater Pharmaceuticals	Acetaminophen	100	U	ug/Kg
			Amphetamine	50	U	ug/Kg
			Azithromycin	NR		ug/Kg
			Caffeine	50	U	ug/Kg
			Carbamazepine	50	U	ug/Kg
			Cotinine	50	U	ug/Kg
			DEET	50	U	ug/Kg
			Diphenhydramine	50	U	ug/Kg
			Ibuprofen	50	U	ug/Kg
			Methamphetamine	50	U	ug/Kg
			Naproxen	50	U	ug/Kg
			Paraxanthine	50	U	ug/Kg
			Thiabendazole	50	U	ug/Kg
			Triclosan	50	U	ug/Kg

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
SO-08	10164238		Ammonium-N	2.9		mg/Kg
			Nitrate-N/Nitrite	84.3		mg/Kg
			Total Nitrogen/Solid	3040		mg/Kg
		Pesticides	2,3,4,5-Tetrachlorophenol	11	U	ug/Kg
			2,3,4,6-Tetrachlorophenol	11	U	ug/Kg
			2,4,5-T	11	U	ug/Kg
			2,4,5-Trichlorophenol	11	U	ug/Kg
			2,4,6-Trichlorophenol	11	UJ	ug/Kg
			2,4-D	11	U	ug/Kg
			2,4-DB	11	U	ug/Kg
			3,5-Dichlorobenzoic acid	11	U	ug/Kg
			4-Nitrophenol	300	J	ug/Kg
			Acifluorfen	11	UJ	ug/Kg
			Alachlor	23	U	ug/Kg
			Atrazine	23	U	ug/Kg
			Azinphos-methyl	23	UJ	ug/Kg
			Bentazon	11	U	ug/Kg
			Benzonitrile, 2,6-dichloro-	23	U	ug/Kg
			Bromoxynil	11	U	ug/Kg
			Chloramben	11	UJ	ug/Kg
			Chlorpyrifos, Ethyl	1.5	J	ug/Kg
			Clopyralid	11	U	ug/Kg
			DACTHAL-DCPA	11	U	ug/Kg
			Diazinon	23	U	ug/Kg
			Dicamba	11	U	ug/Kg
			Dichlorprop	11	U	ug/Kg
			Diclofop, Methyl	11	U	ug/Kg
			Dinoseb	11	UJ	ug/Kg
			Diuron	2.6	J	ug/Kg
			Endosulfan I	23	U	ug/Kg
			Endosulfan II	23	U	ug/Kg
			Endosulfan Sulfate	23	U	ug/Kg
			Fenhexamid	23	UJ	ug/Kg
			Fenpropathrin	23	U	ug/Kg
			Imidan	23	UJ	ug/Kg
			Ioxynil	11	U	ug/Kg
			Kresoxim-methyl	23	U	ug/Kg
			MCPA	11	U	ug/Kg
			MCPP	11	U	ug/Kg
			Metribuzin	23	UJ	ug/Kg
			Myclobutanil	23	U	ug/Kg
			Oxyfluorfen	23	U	ug/Kg
			Pendimethalin	23	U	ug/Kg
			Pentachlorophenol	11	U	ug/Kg
			Picloram	11	U	ug/Kg
			Propargite	23	U	ug/Kg
			Silvex	11	U	ug/Kg
			Simazine	23	U	ug/Kg
			SURFLAN	46	UJ	ug/Kg
			Terbacil	23	U	ug/Kg
			Trichlorpyr	11	U	ug/Kg
			Triflumizole	23	U	ug/Kg
			Trifluralin	23	U	ug/Kg

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
		Steroids / Hormones	11-Keto Testosterone	0.1	U	ug/Kg
			17a-Hydroxyprogesterone	0.1	U	ug/Kg
			17alpha-trenbolone	0.1	U	ug/Kg
			17beta-estradiol	0.1	U	ug/Kg
			17beta-trenbolone	0.29		ug/Kg
			4-Androstenedione	0.1	U	ug/Kg
			a-Estradiol	0.1	U	ug/Kg
			Androstanedienedione	0.1	U	ug/Kg
			Androsterone	0.1	U	ug/Kg
			a-Zearalanol	0.1	U	ug/Kg
			a-Zearalenol	0.1	U	ug/Kg
			b-Zearalanol	0.1	U	ug/Kg
			b-Zearalenol	0.1	U	ug/Kg
			Epitestosterone	0.1	U	ug/Kg
			Estriol	0.48		ug/Kg
			Estrone	0.1	U	ug/Kg
			Ethynyl Estradiol	0.1	U	ug/Kg
			Melengesterol Acetate	0.1	U	ug/Kg
			Progesterone	0.1	U	ug/Kg
			Testosterone	0.1	U	ug/Kg
		Veterinary Pharmaceuticals	Chlortetracycline(total)	13.5		**ug/Kg**
			Erythromycin	0.5	U	**ug/Kg**
			Lincomycin	0.5	U	**ug/Kg**
			Monensin	7.9		**ug/Kg**
			Oxytetracycline	2.4		**ug/Kg**
			Ractopamine	0.5	U	**ug/Kg**
			Sulfachloropyridazine	0.5	U	**ug/Kg**
			Sulfadimethoxine	0.5	U	**ug/Kg**
			Sulfamerazine	0.5	U	**ug/Kg**
			Sulfamethazine	0.5	U	**ug/Kg**
			Sulfamethazole	0.5	U	**ug/Kg**
			Sulfamethoxazole	0.5	U	**ug/Kg**
			Sulfathiazole	0.5	U	**ug/Kg**
			Tetracyline	104		**ug/Kg**
			Tiamulin	0.5	U	**ug/Kg**
			Tylosin	0.5	U	**ug/Kg**
			Virginiamycin	0.5	U	**ug/Kg**
		Wastewater Pharmaceuticals	Acetaminophen	100	U	ug/Kg
			Amphetamine	50	U	ug/Kg
			Azithromycin	NR		ug/Kg
			Caffeine	50	U	ug/Kg
			Carbamazepine	50	U	ug/Kg
			Cotinine	50	U	ug/Kg
			DEET	50	U	ug/Kg
			Diphenhydramine	50	U	ug/Kg
			Ibuprofen	50	U	ug/Kg
			Methamphetamine	50	U	ug/Kg
			Naproxen	50	U	ug/Kg
			Paraxanthine	50	U	ug/Kg
			Thiabendazole	50	U	ug/Kg
			Triclosan	50	U	ug/Kg
LG-10	10164260		Ammonia (NH3+NH4) as N	190	J	mg/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			Nitrate+Nitrite as N	1	UJ	mg/L
			Total Kjeldahl Nitrogen	380	J	mg/L
		Bacteria	Fecal Coliform	1100000000		CFU/100 ml
		General Chemistry	Alkalinity as CaCO3	1170		mg/L
			Bromide	10	U	mg/L
			Chloride	62.4		mg/L
			Fluoride	2	U	mg/L
			Phosphorus, total	57.1		mg/L
			Sulfate	181		mg/L
		Metals	Arsenic	160	U	ug/L
			Barium	220		ug/L
			Cadmium	11	U	ug/L
			Calcium	103000		ug/L
			Chromium	37	U	ug/L
			Copper	193		ug/L
			Iron	5960		ug/L
			Lead	91	U	ug/L
			Magnesium	63100		ug/L
			Manganese	660		ug/L
			Mercury	0.065	J	ug/L
			Potassium	327000		ug/L
			Selenium	180	U	ug/L
			Silver	37	U	ug/L
			Sodium	142000		ug/L
			Zinc	926		ug/L
		Wastewater Organics	1,4-dichlorobenzene	0.2	UJ	ug/L
			1-methylnaphthalene	0.2	R	ug/L
			2,2',4,4'-tetrabromodiphenyl ether	0.3	UJ	ug/L
			2,6-dimethylnaphthalene	0.2	R	ug/L
			2-methylnaphthalene	0.2	R	ug/L
			3,4-dichlorophenyl isocyanate	1.6	UJ	ug/L
			3-beta-coprostanol	12	J	ug/L
			3-methyl-1h-indole (skatol)	6.93	J	ug/L
			3-tert-butyl-4-hydroxyanisole (bha)	0.2	UJ	ug/L
			4-cumylphenol	0.2	UJ	ug/L
			4-n-octylphenol	0.2	UJ	ug/L
			4-nonylphenol monoethoxylate - total (np1eo)	23.8	J	ug/L
			4-octylphenol diethoxylate (op2eo)	0.5	UJ	ug/L
			4-octylphenol monoethoxylate (op1eo)	1	UJ	ug/L
			4-tert-octylphenol	0.4	UJ	ug/L
			5-methyl-1h-benzotriazole	1.6	UJ	ug/L
			acetophenone	0.4	UJ	ug/L
			acetyl-hexamethyl-tetrahydro-naphthalene (ahtn)	0.2	UJ	ug/L
			anthracene	0.2	R	ug/L
			anthraquinone	0.2	UJ	ug/L
			atrazine	0.2	UJ	ug/L
			benz[a]pyrene	0.2	R	ug/L
			benzophenone	0.2	R	ug/L
			beta-sitosterol	14.6	J	ug/L
			beta-stigmastanol	12.5	J	ug/L
			bis-(2-ethylhexyl) phthalate (dehp)	4.58	J	ug/L

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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			bisphenol a	0.4	UJ	ug/L
			bromacil	0.8	UJ	ug/L
			bromoform	0.2	UJ	ug/L
			caffeine	0.282	J	ug/L
			camphor	34	**J**	ug/L
			carbaryl	0.2	UJ	ug/L
			carbazole	0.2	UJ	ug/L
			chlorpyrifos	0.2	UJ	ug/L
			cholesterol	76.4	J	ug/L
			cotinine	0.8	UJ	ug/L
			diazinon	0.2	UJ	ug/L
			dichlorvos	0.2	UJ	ug/L
			diethoxynonylphenols- total (np2eo)	36.4	J	ug/L
			diethyl phthalate	15.1	J	ug/L
			d-limonene	12.2	J	ug/L
			fluoranthene	0.2	R	ug/L
			hexahydrohexamethyl cyclopentabenzopyran (hhcb)	0.2	UJ	ug/L
			indole	6.46		ug/L
			isoborneol	37.2	J	ug/L
			isophorone	5.33	J	ug/L
			isopropylbenzene (cumene)	0.2	UJ	ug/L
			isoquinoline	0.2	UJ	ug/L
			menthol	0.2	UJ	ug/L
			metalaxyl	0.2	UJ	ug/L
			methyl salicylate	0.2	UJ	ug/L
			metolachlor	0.2	UJ	ug/L
			n,n-diethyl-meta-toluamide (deet)	0.2	UJ	ug/L
			naphthalene	0.2	R	ug/L
			para-nonylphenol total	7.16	J	ug/L
			p-cresol	787	J	ug/L
			pentachlorophenol	0.8	UJ	ug/L
			phenanthrene	0.2	R	ug/L
			phenol	56.6	J	ug/L
			prometon	0.2	UJ	ug/L
			pyrene	0.2	R	ug/L
			tetrachloroethylene	0.4	UJ	ug/L
			tri(2-butoxyethyl) phosphate	0.2	UJ	ug/L
			tri(2-chloroethyl) phosphate	0.2	UJ	ug/L
			tri(dichloroisopropyl) phosphate	0.2	UJ	ug/L
			tributyl phosphate	0.2	UJ	ug/L
			triclosan	0.2	UJ	ug/L
			triethyl citrate (ethyl citrate)	0.2	UJ	ug/L
			triphenyl phosphate	1.47	J	ug/L
		Pesticides	Due to matrix interference the laboratory could not provide quantitative results for the pesticide analysis of the lagoon sludge samples.			
		Hormones	17-a-estradiol	***292***		ng/L
			17-a-ethynyl-estradiol	20	U	ng/L
			17-b-estradiol	16	J	ng/L
			Estriol	8.8	U	ng/L
			Estrone	***73***		ng/L
		Steroids / Hormones	11-Keto Testosterone	0.002	U	ug/L

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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			17a-Hydroxyprogesterone	0.002	U	ug/L
			17alpha-trenbolone	0.002	U	ug/L
			17beta-estradiol	0.002	U	ug/L
			17beta-trenbolone	0.002	U	ug/L
			4-Androstenedione	0.033		ug/L
			a-Estradiol	0.459		ug/L
			Androstanedienedione	0.002	U	ug/L
			Androsterone	0.002	U	ug/L
			a-Zearalanol	1.434		ug/L
			a-Zearalenol	0.002	U	ug/L
			b-Zearalanol	0.002	U	ug/L
			b-Zearalenol	0.002	U	ug/L
			Epitestosterone	0.002	U	ug/L
			Estriol	0.002	U	ug/L
			Estrone	0.002	U	ug/L
			Ethynyl Estradiol	0.002	U	ug/L
			Melengesterol Acetate	0.002	U	ug/L
			Progesterone	0.002	U	ug/L
			Testosterone	0.028		ug/L
		Veterinary Pharmaceuticals	Chlortetracycline(total)	0.079	J	ug/L
			Erythromycin	0.02	R	ug/L
			Lincomycin	1.7	J	ug/L
			Monensin	2.24	J	ug/L
			Oxytetracycline	0.02	R	ug/L
			Ractopamine	0.048	J	ug/L
			Sulfachloropyridazine	0.043	J	ug/L
			Sulfadimethoxine	0.065	J	ug/L
			Sulfamerazine	0.02	R	ug/L
			Sulfamethazine	0.077	J	ug/L
			Sulfamethazole	0.114	J	ug/L
			Sulfamethoxazole	0.133	J	ug/L
			Sulfathiazole	0.038	J	ug/L
			Tetracyline	6.55	J	ug/L
			Tiamulin	0.02	R	ug/L
			Tylosin	0.02	R	ug/L
			Virginiamycin	0.816	J	ug/L
		Wastewater Pharmaceuticals	Acetaminophen	0.2	U	ug/L
			Amphetamine	0.2	**R**	ug/L
			Azithromycin	0.2	U	ug/L
			Caffeine	0.2	U	ug/L
			Carbamazepine	0.2	**UJ**	ug/L
			Cotinine	0.2	U	ug/L
			DEET	0.48	**J**	ug/L
			Diphenhydramine	0.2	U	ug/L
			Ibuprofen	0.2	U	ug/L
			Methamphetamine	0.2	**R**	ug/L
			Naproxen	0.2	U	ug/L
			Paraxanthine	0.2	U	ug/L
			Thiabendazole	0.2	**UJ**	ug/L
			Triclosan	0.2	U	ug/L
		Isotopes	Nitrate	NM		mg/L
			δ15N-NO3	NM		‰

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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			Ammonia	NM		mg/L
			δ15N-NH4	NM		‰
			δ18O-NO3	NM		‰ SMOW
LG-11	10164261		Ammonia (NH3+NH4) as N	240	J	mg/L
			Nitrate+Nitrite as N	1	UJ	mg/L
			Phosphorus, total	82.9		mg/L
			Total Kjeldahl Nitrogen	500	J	mg/L
		Bacteria	Fecal Coliform	5410000		CFU/100 ml
		General Chemistry	Alkalinity as CaCO3	2060		mg/L
			Bromide	10	U	mg/L
			Chloride	113		mg/L
			Fluoride	2	U	mg/L
			Sulfate	15	U	mg/L
		Metals	Arsenic	170	U	ug/L
			Barium	259		ug/L
			Cadmium	11	U	ug/L
			Calcium	124000		ug/L
			Chromium	38	U	ug/L
			Copper	148		ug/L
			Iron	1560	J	ug/L
			Lead	94	U	ug/L
			Magnesium	84500		ug/L
			Manganese	793		ug/L
			Mercury	0.05	UJ	ug/L
			Potassium	394000		ug/L
			Selenium	190	U	ug/L
			Silver	38	U	ug/L
			Sodium	175000		ug/L
			Zinc	496		ug/L
		Wastewater Organics	1,4-dichlorobenzene	0.2	UJ	ug/L
			1-methylnaphthalene	0.2	R	ug/L
			2,2',4,4'-tetrabromodiphenyl ether	0.3	UJ	ug/L
			2,6-dimethylnaphthalene	0.2	R	ug/L
			2-methylnaphthalene	0.2	R	ug/L
			3,4-dichlorophenyl isocyanate	1.6	UJ	ug/L
			3-beta-coprostanol	2.82	J	ug/L
			3-methyl-1h-indole (skatol)	45.4	J	ug/L
			3-tert-butyl-4-hydroxyanisole (bha)	0.2	UJ	ug/L
			4-cumylphenol	0.2	UJ	ug/L
			4-n-octylphenol	0.2	UJ	ug/L
			4-nonylphenol monoethoxylate - total (np1eo)	3.14	J	ug/L
			4-octylphenol diethoxylate (op2eo)	0.5	UJ	ug/L
			4-octylphenol monoethoxylate (op1eo)	1	UJ	ug/L
			4-tert-octylphenol	0.4	UJ	ug/L
			5-methyl-1h-benzotriazole	1.6	UJ	ug/L
			acetophenone	0.4	UJ	ug/L
			acetyl-hexamethyl-tetrahydro-naphthalene (ahtn)	0.2	UJ	ug/L
			anthracene	0.2	R	ug/L
			anthraquinone	0.2	UJ	ug/L
			atrazine	0.2	UJ	ug/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			benz[a]pyrene	0.2	R	ug/L
			benzophenone	0.2	R	ug/L
			beta-sitosterol	2.41	J	ug/L
			beta-stigmastanol	2.73	J	ug/L
			bis-(2-ethylhexyl) phthalate (dehp)	2	U	ug/L
			bisphenol a	0.4	UJ	ug/L
			bromacil	0.8	UJ	ug/L
			bromoform	0.2	UJ	ug/L
			caffeine	0.2	UJ	ug/L
			camphor	0.2	UJ	ug/L
			carbaryl	0.2	UJ	ug/L
			carbazole	0.2	UJ	ug/L
			chlorpyrifos	0.2	UJ	ug/L
			cholesterol	3.83	J	ug/L
			cotinine	0.8	UJ	ug/L
			diazinon	0.2	UJ	ug/L
			dichlorvos	0.2	UJ	ug/L
			diethoxynonylphenols- total (np2eo)	2.24	J	ug/L
			diethyl phthalate	0.2	UJ	ug/L
			d-limonene	0.2	UJ	ug/L
			fluoranthene	0.2	R	ug/L
			hexahydrohexamethyl cyclopentabenzopyran (hhcb)	0.2	U	ug/L
			indole	4.04	J	ug/L
			isoborneol	0.2	UJ	ug/L
			isophorone	0.2	U	ug/L
			isopropylbenzene (cumene)	0.2	UJ	ug/L
			isoquinoline	0.2	UJ	ug/L
			menthol	0.2	UJ	ug/L
			metalaxyl	0.2	UJ	ug/L
			methyl salicylate	0.2	UJ	ug/L
			metolachlor		UJ	ug/L
			n,n-diethyl-meta-toluamide (deet)	0.2	UJ	ug/L
			naphthalene	0.2	R	ug/L
			para-nonylphenol total	37.4	J	ug/L
			p-cresol	889	J	ug/L
			pentachlorophenol	0.8	UJ	ug/L
			phenanthrene	0.2	R	ug/L
			phenol	66.6	J	ug/L
			prometon	0.2	UJ	ug/L
			pyrene	0.2	R	ug/L
			tetrachloroethylene	0.4	UJ	ug/L
			tri(2-butoxyethyl) phosphate	0.2	UJ	ug/L
			tri(2-chloroethyl) phosphate	0.2	UJ	ug/L
			tri(dichloroisopropyl) phosphate	0.2	UJ	ug/L
			tributyl phosphate	0.2	UJ	ug/L
			triclosan	0.2	UJ	ug/L
			triethyl citrate (ethyl citrate)	0.2	UJ	ug/L
			triphenyl phosphate	0.2	UJ	ug/L
		Pesticides	Due to matrix interference the laboratory could not provide quantitative results for the pesticide analysis of the lagoon sludge samples.			
		Hormones	17-a-estradiol	570		ng/L
			17-a-ethynyl-estradiol	20	U	ng/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			17-b-estradiol	12	J	ng/L
			Estriol	8.8	U	ng/L
			Estrone	453		ng/L
		Steroids / Hormones	11-Keto Testosterone	0.002	U	ug/L
			17a-Hydroxyprogesterone	0.085		ug/L
			17alpha-trenbolone	0.002	U	ug/L
			17beta-estradiol	0.002	U	ug/L
			17beta-trenbolone	0.002	U	ug/L
			4-Androstenedione	0.411		ug/L
			a-Estradiol	2.92		ug/L
			Androstanedienedione	0.166		ug/L
			Androsterone	0.002	U	ug/L
			a-Zearalanol	1.664		ug/L
			a-Zearalenol	0.002	U	ug/L
			b-Zearalanol	0.002	U	ug/L
			b-Zearalenol	0.002	U	ug/L
			Epitestosterone	0.002	U	ug/L
			Estriol	0.002	U	ug/L
			Estrone	0.002	U	ug/L
			Ethynyl Estradiol	0.002	U	ug/L
			Melengesterol Acetate	0.043		ug/L
			Progesterone	0.251		ug/L
			Testosterone	0.002	U	ug/L
		Veterinary Pharmaceuticals	Chlortetracycline(total)	0.02	R	ug/L
			Erythromycin	2	J	ug/L
			Lincomycin	2.64	J	ug/L
			Monensin	85	J	ug/L
			Oxytetracycline	0.02	R	ug/L
			Ractopamine	0.066	J	ug/L
			Sulfachloropyridazine	0.156	J	ug/L
			Sulfadimethoxine	0.841	J	ug/L
			Sulfamerazine	0.02	R	ug/L
			Sulfamethazine	0.064	J	ug/L
			Sulfamethazole	0.02	R	ug/L
			Sulfamethoxazole	0.269	J	ug/L
			Sulfathiazole	0.089	J	ug/L
			Tetracyline	1.76	J	ug/L
			Tiamulin	0.02	R	ug/L
			Tylosin	0.02	R	ug/L
			Virginiamycin	0.413	J	ug/L
		Wastewater Pharmaceuticals	Acetaminophen	0.2	U	ug/L
			Amphetamine	0.2	**R**	ug/L
			Azithromycin	0.2	U	ug/L
			Caffeine	0.2	U	ug/L
			Carbamazepine	0.2	**UJ**	ug/L
			Cotinine	0.2	U	ug/L
			DEET	0.61	**J**	ug/L
			Diphenhydramine	0.2	U	ug/L
			Ibuprofen	0.2	U	ug/L
			Methamphetamine	0.2	**R**	ug/L
			Naproxen	0.2	U	ug/L
			Paraxanthine	0.2	U	ug/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			Thiabendazole	1.3	**J**	ug/L
			Triclosan	0.2	U	ug/L
		Isotopes	Nitrate	NM		mg/L
			δ15N-NO3	NM		‰
			Ammonia	274		mg/L
			δ15N-NH4	3.13		‰
			δ18O-NO3	NM		‰ SMOW
LG-12	10164262		Ammonia (NH3+NH4) as N	240	J	mg/L
			Nitrate+Nitrite as N	1	UJ	mg/L
			Total Kjeldahl Nitrogen	290	J	mg/L
		Bacteria	Fecal Coliform	4500000		CFU/100 ml
		General Chemistry	Alkalinity as CaCO3	2060		mg/L
			Bromide	10	U	mg/L
			Chloride	113		mg/L
			Fluoride	2	U	mg/L
			Phosphorus, total	58.5		mg/L
			Sulfate	15	U	mg/L
		Metals	Arsenic	160	U	ug/L
			Barium	240		ug/L
			Cadmium	11	U	ug/L
			Calcium	102000		ug/L
			Chromium	36	U	ug/L
			Copper	157		ug/L
			Iron	1470	J	ug/L
			Lead	90	U	ug/L
			Magnesium	85000		ug/L
			Manganese	673		ug/L
			Mercury	0.05	UJ	ug/L
			Potassium	400000		ug/L
			Selenium	180	U	ug/L
			Silver	36	U	ug/L
			Sodium	177000		ug/L
			Zinc	377		ug/L
		Wastewater Organics	1,4-dichlorobenzene	0.2	UJ	ug/L
			1-methylnaphthalene	0.2	R	ug/L
			2,2',4,4'-tetrabromodiphenyl ether	0.3	UJ	ug/L
			2,6-dimethylnaphthalene	0.2	R	ug/L
			2-methylnaphthalene	0.2	R	ug/L
			3,4-dichlorophenyl isocyanate	1.6	UJ	ug/L
			3-beta-coprostanol	2.6	J	ug/L
			3-methyl-1h-indole (skatol)	48.3	J	ug/L
			3-tert-butyl-4-hydroxyanisole (bha)	0.2	UJ	ug/L
			4-cumylphenol	0.2	R	ug/L
			4-n-octylphenol	0.2	R	ug/L
			4-nonylphenol monoethoxylate-total (np1eo)	3.06	J	ug/L
			4-octylphenol diethoxylate (op2eo)	0.5	R	ug/L
			4-octylphenol monoethoxylate (op1eo)	1	R	ug/L
			4-tert-octylphenol	0.4	R	ug/L
			5-methyl-1h-benzotriazole	1.6	UJ	ug/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			acetophenone	0.4	R	ug/L
			acetyl-hexamethyl-tetrahydro-naphthalene (ahtn)	0.2	UJ	ug/L
			anthracene	0.2	R	ug/L
			anthraquinone	0.2	UJ	ug/L
			atrazine	0.2	UJ	ug/L
			benz[a]pyrene	0.2	R	ug/L
			benzophenone	0.2	R	ug/L
			beta-sitosterol	2.22	J	ug/L
			beta-stigmastanol	2.64	J	ug/L
			bis-(2-ethylhexyl) phthalate (dehp)	2	UJ	ug/L
			bisphenol a	0.4	R	ug/L
			bromacil	0.8	UJ	ug/L
			bromoform	0.2	UJ	ug/L
			caffeine	0.2	UJ	ug/L
			camphor	0.2	UJ	ug/L
			carbaryl	0.2	UJ	ug/L
			carbazole	0.2	UJ	ug/L
			chlorpyrifos	0.2	UJ	ug/L
			cholesterol	3.71	J	ug/L
			cotinine	0.8	UJ	ug/L
			diazinon	0.2	UJ	ug/L
			dichlorvos	0.2	UJ	ug/L
			diethoxynonylphenols- total (np2eo)	2.02	J	ug/L
			diethyl phthalate	0.2	U	ug/L
			d-limonene	0.2	UJ	ug/L
			fluoranthene	0.2	R	ug/L
			hexahydrohexamethyl cyclopentabenzopyran (hhcb)	0.2	UJ	ug/L
			indole	4.57	J	ug/L
			isoborneol	0.2	UJ	ug/L
			isophorone	0.2	U	ug/L
			isopropylbenzene (cumene)	0.2	UJ	ug/L
			isoquinoline	0.2	UJ	ug/L
			menthol	0.2	UJ	ug/L
			metalaxyl	0.2	UJ	ug/L
			methyl salicylate	0.2	UJ	ug/L
			metolachlor	0.2	UJ	ug/L
			n,n-diethyl-meta-toluamide (deet)	0.2	UJ	ug/L
			naphthalene	0.2	R	ug/L
			para-nonylphenol total	32.1	J	ug/L
			p-cresol	1350	J	ug/L
			pentachlorophenol	0.8	R	ug/L
			phenanthrene	0.2	R	ug/L
			phenol	125	J	ug/L
			prometon	0.2	UJ	ug/L
			pyrene	0.2	R	ug/L
			tetrachloroethylene	0.4	UJ	ug/L
			tri(2-butoxyethyl) phosphate	0.2	UJ	ug/L
			tri(2-chloroethyl) phosphate	0.2	UJ	ug/L
			tri(dichloroisopropyl) phosphate	0.2	UJ	ug/L
			tributyl phosphate	0.2	UJ	ug/L
			triclosan	0.2	UJ	ug/L
			triethyl citrate (ethyl citrate)	0.2	UJ	ug/L
			triphenyl phosphate	0.2	UJ	ug/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
		Pesticides	Due to matrix interference the laboratory could not provide quantitative results for the pesticide analysis of the lagoon sludge samples.			
		Hormones	17-a-estradiol	559		ng/L
			17-a-ethynyl-estradiol	20	U	ng/L
			17-b-estradiol	11	J	ng/L
			Estriol		U	ng/L
			Estrone	451		ng/L
		Steroids / Hormones	11-Keto Testosterone	0.002	U	ug/L
			17a-Hydroxyprogesterone	0.107		ug/L
			17alpha-trenbolone	0.002	U	ug/L
			17beta-estradiol	0.002	U	ug/L
			17beta-trenbolone	0.002	U	ug/L
			4-Androstenedione	0.23		ug/L
			a-Estradiol	3.268		ug/L
			Androstanedienedione	0.2		ug/L
			Androsterone	0.002	U	ug/L
			a-Zearalanol	2.576		ug/L
			a-Zearalenol	0.002	U	ug/L
			b-Zearalanol	0.002	U	ug/L
			b-Zearalenol	0.002	U	ug/L
			Epitestosterone	0.002	U	ug/L
			Estriol	0.002	U	ug/L
			Estrone	0.002	U	ug/L
			Ethynyl Estradiol	0.002	U	ug/L
			Melengesterol Acetate	0.002	U	ug/L
			Progesterone	0.248		ug/L
			Testosterone	0.024		ug/L
		Veterinary Pharmaceuticals	Chlortetracycline(total)	0.02	R	ug/L
			Erythromycin	1.11	J	ug/L
			Lincomycin	1.54	J	ug/L
			Monensin	135	J	ug/L
			Oxytetracycline	0.02	R	ug/L
			Ractopamine	0.046	J	ug/L
			Sulfachloropyridazine	0.172	J	ug/L
			Sulfadimethoxine	0.875	J	ug/L
			Sulfamerazine	0.02	R	ug/L
			Sulfamethazine	0.07	J	ug/L
			Sulfamethazole	0.02	R	ug/L
			Sulfamethoxazole	0.264	J	ug/L
			Sulfathiazole	0.065	J	ug/L
			Tetracyline	1.91	J	ug/L
			Tiamulin	0.02	R	ug/L
			Tylosin	0.02	R	ug/L
			Virginiamycin	0.314	J	ug/L
		Wastewater Pharmaceuticals	Acetaminophen	0.2	U	ug/L
			Amphetamine	0.2	**R**	ug/L
			Azithromycin	0.2	U	ug/L
			Caffeine	0.2	U	ug/L
			Carbamazepine	0.2	**UJ**	ug/L
			Cotinine	0.2	U	ug/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			DEET	0.58	**J**	ug/L
			Diphenhydramine	0.2	U	ug/L
			Ibuprofen	0.2	U	ug/L
			Methamphetamine	0.2	**R**	ug/L
			Naproxen	0.2	U	ug/L
			Paraxanthine	0.2	U	ug/L
			Thiabendazole	0.2	**UJ**	ug/L
			Triclosan	0.2	U	ug/L
		Isotopes	Nitrate	NM		mg/L
			δ15N-NO3	NM		‰
			Ammonia	222		mg/L
			δ15N-NH4	2.01		‰
			δ18O-NO3	NM		‰ SMOW
WW-09	10164209		Ammonia (NH3+NH4) as N	0.05	U	mg/L
			Nitrate - Field Test	0		mg/L
			Nitrate+Nitrite as N	0.05	U	mg/L
			Nitrate-N	<0.05		mg/L
			Total Kjeldahl Nitrogen	0.51	U	mg/L
		Bacteria	E.Coli Quanti-Tray	<1		MPN/100ml
			Fecal Coliform	0		CFU/100ml
			Total Coliform QuantiTray	<1		MPN/100ml
		General Chemistry	Alkalinity as CaCO3	155		mg/L
			Bromide	0.2	U	mg/L
			Chloride	7.93		mg/L
			Fluoride	0.405		mg/L
			Phosphorus, total	0.0304		mg/L
			Sulfate	0.841		mg/L
		Metals	Arsenic	45	U	ug/L
			Barium	15.1		ug/L
			Cadmium	3	U	ug/L
			Calcium	21100		ug/L
			Chromium	10	U	ug/L
			Copper	5	U	ug/L
			Iron	20	U	ug/L
			Lead	25	U	ug/L
			Magnesium	9220		ug/L
			Manganese	37.7		ug/L
			Mercury	0.05	U	ug/L
			Potassium	8570		ug/L
			Selenium	50	U	ug/L
			Silver	10	U	ug/L
			Sodium	28400		ug/L
			Zinc	5	U	ug/L
		Perchlorate	Perchlorate	3	U	ng/L
		Wastewater Organics	1,4-dichlorobenzene	0.2	U	ug/L
			1-methylnaphthalene	0.2	UJ	ug/L
			2,2',4,4'-tetrabromodiphenyl ether	0.3	U	ug/L
			2,6-dimethylnaphthalene	0.2	UJ	ug/L

Cow Palace #1 and #2 Dairies
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Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			2-methylnaphthalene	0.2	UJ	ug/L
			3,4-dichlorophenyl isocyanate	1.6	U	ug/L
			3-beta-coprostanol	1.6	U	ug/L
			3-methyl-1h-indole (skatol)	0.2	U	ug/L
			3-tert-butyl-4-hydroxyanisole (bha)	0.2	UJ	ug/L
			4-cumylphenol	0.2	UJ	ug/L
			4-n-octylphenol	0.2	UJ	ug/L
			4-nonylphenol monoethoxylate - total (np1eo)	1.6	UJ	ug/L
			4-octylphenol diethoxylate (op2eo)	0.5	UJ	ug/L
			4-octylphenol monoethoxylate (op1eo)	1	UJ	ug/L
			4-tert-octylphenol	0.4	UJ	ug/L
			5-methyl-1h-benzotriazole	1.6	UJ	ug/L
			acetophenone	0.4	UJ	ug/L
			acetyl-hexamethyl-tetrahydro-naphthalene (ahtn)	0.2	U	ug/L
			anthracene	0.2	UJ	ug/L
			anthraquinone	0.2	U	ug/L
			atrazine	0.2	U	ug/L
			benz[a]pyrene	0.2	UJ	ug/L
			benzophenone	0.2	UJ	ug/L
			beta-sitosterol	1.6	U	ug/L
			beta-stigmastanol	1.7	U	ug/L
			bis-(2-ethylhexyl) phthalate (dehp)	2	U	ug/L
			bisphenol a	0.4	UJ	ug/L
			bromacil	0.8	U	ug/L
			bromoform	0.2	U	ug/L
			caffeine	0.2	UJ	ug/L
			camphor	0.2	U	ug/L
			carbaryl	0.2	U	ug/L
			carbazole	0.2	U	ug/L
			chlorpyrifos	0.2	U	ug/L
			cholesterol	1.6	U	ug/L
			cotinine	0.8	UJ	ug/L
			diazinon	0.2	U	ug/L
			dichlorvos	0.2	U	ug/L
			diethoxynonylphenols- total (np2eo)	3.2	U	ug/L
			diethyl phthalate	0.2	U	ug/L
			d-limonene	0.2	U	ug/L
			fluoranthene	0.2	UJ	ug/L
			hexahydrohexamethyl cyclopentabenzopyran (hhcb)	0.2	U	ug/L
			indole	0.2	U	ug/L
			isoborneol	0.2	U	ug/L
			isophorone	0.2	U	ug/L
			isopropylbenzene (cumene)	0.2	U	ug/L
			isoquinoline	0.2	U	ug/L
			menthol	0.2	U	ug/L
			metalaxyl	0.2	U	ug/L
			methyl salicylate	0.2	U	ug/L
			metolachlor	0.2	U	ug/L
			n,n-diethyl-meta-toluamide (deet)	0.2	U	ug/L
			naphthalene	0.2	UJ	ug/L
			para-nonylphenol total	1.6	U	ug/L
			p-cresol	0.2	U	ug/L
			pentachlorophenol	1.6	UJ	ug/L
			phenanthrene	0.2	U	ug/L
			phenol	0.2	UJ	ug/L

Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			prometon	0.2	U	ug/L
			pyrene	0.2	UJ	ug/L
			tetrachloroethylene	0.4	U	ug/L
			tri(2-butoxyethyl) phosphate	0.2	U	ug/L
			tri(2-chloroethyl) phosphate	0.2	U	ug/L
			tri(dichloroisopropyl) phosphate	0.2	U	ug/L
			tributyl phosphate	0.2	U	ug/L
			triclosan	0.2	U	ug/L
			triethyl citrate (ethyl citrate)	0.2	U	ug/L
			triphenyl phosphate	0.2	U	ug/L
		Pesticides	2,3,4,5-Tetrachlorophenol	0.19	U	ug/L
			2,3,4,6-Tetrachlorophenol	0.096	U	ug/L
			2,4,5-T	0.48	U	ug/L
			2,4,5-Trichlorophenol	0.19	U	ug/L
			2,4,6-Trichlorophenol	0.48	UJ	ug/L
			2,4-D	0.48	UJ	ug/L
			2,4-DB	0.096	U	ug/L
			3,5-Dichlorobenzoic acid	0.096	U	ug/L
			4-Nitrophenol	0.48	UJ	ug/L
			Acifluorfen	0.48	U	ug/L
			Alachlor	0.1	UJ	ug/L
			Atrazine	0.1	UJ	ug/L
			Azinphos-methyl	0.1	UJ	ug/L
			Bentazon	0.096	U	ug/L
			Benzonitrile, 2,6-dichloro-	0.1	UJ	ug/L
			Bromoxynil	0.096	U	ug/L
			Chloramben	0.19	UJ	ug/L
			Chlorpyrifos, Ethyl	0.1	UJ	ug/L
			Clopyralid	0.96	UJ	ug/L
			DACTHAL-DCPA	0.48	UJ	ug/L
			Diazinon	0.1	UJ	ug/L
			Dicamba	0.096	UJ	ug/L
			Dichlorprop	0.48	U	ug/L
			Diclofop, Methyl	0.096	U	ug/L
			Dinoseb	0.48	U	ug/L
			Diuron	0.1	UJ	ug/L
			Endosulfan I	0.1	UJ	ug/L
			Endosulfan II	0.1	UJ	ug/L
			Endosulfan Sulfate	0.1	UJ	ug/L
			Fenhexamid	0.96	UJ	ug/L
			Fenpropathrin	0.1	UJ	ug/L
			Imidan	0.19	UJ	ug/L
			Ioxynil	0.096	U	ug/L
			Kresoxim-methyl	0.1	UJ	ug/L
			MCPA	0.19	U	ug/L
			MCPP	0.096	U	ug/L
			Metribuzin	0.1	UJ	ug/L
			Myclobutanil	0.1	UJ	ug/L
			Oxyfluorfen	0.1	UJ	ug/L
			Pendimethalin	0.1	UJ	ug/L
			Pentachlorophenol	0.096	U	ug/L
			Picloram	0.96	UJ	ug/L
			Propargite	0.1	UJ	ug/L
			Silvex	0.19	U	ug/L

Cow Palace #1 and #2 Dairies
Revised February 2012

Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			Simazine	1.1	U	ugL
			SURFLAN	1.9	UJ	ug/L
			Terbacil	1.9	UJ	ug/L
			Trichlorpyr	0.096	U	ug/L
			Triflumizole	0.39	UJ	ug/L
			Trifluralin	0.1	UJ	ug/L
		Hormones	17-a-estradiol	0.21	U	ng/L
			17-a-ethynyl-estradiol	0.16	U	ng/L
			17-b-estradiol	0.14	U	ng/L
			Estriol	0.22	U	ng/L
			Estrone	0.21	U	ng/L
		Steroids / Hormones	11-Keto Testosterone	0.003		ug/L
			17a-Hydroxyprogesterone	0.003	U	ug/L
			17alpha-trenbolone	0.003	U	ug/L
			17beta-estradiol	0.006		ug/L
			17beta-trenbolone	0.004		ug/L
			4-Androstenedione	0.003	U	ug/L
			a-Estradiol	0.002	U	ug/L
			Androstanedienedione	0.002	UJ	ug/L
			Androsterone	0.005	**J**	ug/L
			a-Zearalanol	0.002	UJ	ug/L
			a-Zearalenol	0.002	UJ	ug/L
			b-Zearalanol	0.002	**J**	ug/L
			b-Zearalenol	0.003		ug/L
			Epitestosterone	0.002	U	ug/L
			Estriol	0.002	U	ug/L
			Estrone	0.002	**J**	ug/L
			Ethynyl Estradiol	0.002	U	ug/L
			Melengesterol Acetate	0.002	U	ug/L
			Progesterone	0.005	**U**	ug/L
			Testosterone	0.008		ug/L
		Veterinary Pharmaceuticals	Chlortetracycline(total)	0.02	U	ug/L
			Erythromycin	0.02	U	ug/L
			Lincomycin	0.02	U	ug/L
			Monensin	0.023		ug/L
			Oxytetracycline	0.02	U	ug/L
			Ractopamine	0.02	U	ug/L
			Sulfachloropyridazine	0.02	U	ug/L
			Sulfadimethoxine	0.02	U	ug/L
			Sulfamerazine	0.02	U	ug/L
			Sulfamethazine	0.02	U	ug/L
			Sulfamethazole	0.02	U	ug/L
			Sulfamethoxazole	0.02	U	ug/L
			Sulfathiazole	0.02	U	ug/L
			Tetracyline	0.02	U	ug/L
			Tiamulin	0.02	U	ug/L
			Tylosin	0.02	U	ug/L
			Virginiamycin	0.02	U	ug/L
		Wastewater Pharmaceuticals	Acetaminophen	0.2	**UJ**	ug/L
			Amphetamine	0.2	**UJ**	ug/L
			Azithromycin	0.2	U	ug/L

Cow Palace #1 and #2 Dairies
Revised February 2012

Station Location	Sample Number	Analysis Type	Analyte	Result	Qualifier	Units
			Caffeine	0.2	U	ug/L
			Carbamazepine	0.2	**UJ**	ug/L
			Cotinine	0.2	U	ug/L
			DEET	0.2	U	ug/L
			Diphenhydramine	0.2	U	ug/L
			Ibuprofen	0.2	**UJ**	ug/L
			Methamphetamine	0.2	U	ug/L
			Naproxen	0.2	**R**	ug/L
			Paraxanthine	0.2	**UJ**	ug/L
			Thiabendazole	0.2	**UJ**	ug/L
			Triclosan	0.2	**R**	ug/L
		Isotopes	Nitrate	NM		mg/L
			δ15N-NO3	NM		‰
			Ammonia	0.1		mg/L
			δ15N-NH4	NM		‰
			δ18O-NO3	NM		‰ SMOW
		Age Dating	Piston Flow Model SF6 Recharge Age	51.3-58.3	**J**	years

Abbreviations
BAC32 - *Bacteroides*
ND - Analysis not done
NM - Not measured
PCR - Polymerase Chain Reaction
‰ = parts per thousand difference from the atmospheric standard
SMOW = standard mean of ocean water
TNTC - Too numerous to count

Units
CFU/100 ml = colony forming unit per 100 milliliters
MPN/100 ml = most probable number per 100 milliliters
ng/L = nanograms per liter
ug/L = micrograms per liter
mg/L = milligrams per liter
mg/Kg = milligrams per kilogram
ug/Kg = micrograms per kilogram

Data Qualifiers
< = less than
J = The analyte was positively identified. The associated numerical value is an estimate.
JN = There is evidence that the analyte is present. The associated numerical result is an estimate.
N = There is evidence the analyte is present in this sample.