

Login: C177925

Ontario Ministry of Environment
 Laboratory Services Branch - 125 Resources Road
 Etobicoke, Ontario M9P 3V6
 FINAL REPORT(manager)
 Print Date: Feb. 11, 2011 10:40 AM By REPORTADMIN

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Listid	Parname	Value	Units	Qual	Rmk1	Value	Units	Qual	Rmk1	Value	Units	Qual	Rmk1
3089L2	Arsenic	0.0050	mg/L			0.0030	mg/L			0.0045	mg/L		
	Selenium	.0005	mg/L	<=W		.0005	mg/L	<=W		.0005	mg/L	<=W	
3182L2	Oxygen demand;BOD-carbonaceous	1.1	mg/L			1.1	mg/L			0.6	mg/L	<T	
3188L1	Solids; suspended	1.7	mg/L	<T		3.1	mg/L			1.1	mg/L	<T	
	Solids; total	139.	mg/L		CRO	138.	mg/L			138.	mg/L		
	Solids; dissolved	137.	mg/L		CRO	135.	mg/L			137.	mg/L		
3364L1	Nitrogen; ammonia+ammonium	0.025	mg/L			0.077	mg/L			0.027	mg/L		
	Nitrogen; nitrite	0.002	mg/L	<T		0.015	mg/L			0.002	mg/L	<T	
	Nitrogen; nitrate+nitrite	0.040	mg/L	<T		0.145	mg/L			0.039	mg/L	<T	
3367L1	Phosphorus; phosphate	0.0012	mg/L	<T		0.0018	mg/L			0.0010	mg/L	<T	
	Phosphorus; total	0.009	mg/L	<T		0.010	mg/L	<T		0.011	mg/L	<T	
3370L1	Nitrogen; total Kjeldahl	0.43	mg/L			0.49	mg/L			0.46	mg/L		
	Carbon; dissolved organic	7.3	mg/L			6.2	mg/L			7.2	mg/L		
	Carbon; dissolved inorganic	22.7	mg/L			23.9	mg/L			23.4	mg/L		
	Silicon; reactive silicate	1.70	mg/L			2.88	mg/L			1.64	mg/L		
3386L1	Aluminum	9.8	ug/L	+/-3.1		7.19	ug/L	+/-3.1		11.9	ug/L	+/-3.2	
	Barium	60.9	ug/L	+/-4.9		57	ug/L	+/-4.6		59.6	ug/L	+/-4.8	
	Beryllium	.072	ug/L	+/-1.9		.01	ug/L	+/-0.030		-0.34	ug/L	+/-0.030	
	Calcium	32.3	mg/L	+/-1.9		31.6	mg/L	+/-1.9		32.2	mg/L	+/-1.9	
	Cadmium	.26	ug/L	+/-0.80		1.5	ug/L	+/-0.83		.896	ug/L	+/-0.81	
	Cobalt	-.869	ug/L	+/-1.5		-.191	ug/L	+/-1.5		-.343	ug/L	+/-1.5	
	Chromium	-.489	ug/L	+/-1.0		-.08	ug/L	+/-1.0		-.874	ug/L	+/-1.0	
	Copper	-2.4	ug/L	+/-1.1		5.13	ug/L	+/-1.4		8.07	ug/L	+/-1.8	
	Iron	93.2	ug/L	+/-1.4		24.1	ug/L	+/-4.7		77.4	ug/L	+/-12	
	Magnesium	5.13	mg/L	+/-0.68		4.52	mg/L	+/-0.60		4.9	mg/L	+/-0.65	
	Manganese	50.8	ug/L	+/-3.6		1040	ug/L	+/-7.3		24.6	ug/L	+/-1.8	
	Molybdenum	-1.57	ug/L	+/-1.5		-4.79	ug/L	+/-1.6		-84.1	ug/L	+/-1.5	
	Nickel	1.42	ug/L	+/-1.5		-2.87	ug/L	+/-1.5		-1.99	ug/L	+/-1.5	
	Lead	-10.7	ug/L	+/-1.1		3.35	ug/L	+/-1.1		4.72	ug/L	+/-1.1	
	Potassium	8.16	mg/L	+/-0.14		3.35	mg/L	+/-0.16		4.72	mg/L	+/-0.12	
	Sodium	4.78	mg/L	+/-0.72		.963	mg/L	+/-0.67		7.14	mg/L	+/-0.68	
	Strontium	308	ug/L	+/-24		4.43	ug/L	+/-2.3		3.12	ug/L	+/-2.5	
	Titanium	.281	ug/L	+/-0.30		.285	ug/L	+/-0.30		.502	ug/L	+/-0.30	
	Vanadium	4.34	ug/L	+/-1.1		5.23	ug/L	+/-1.1		3.97	ug/L	+/-1.1	
	Zinc	6.24	ug/L	+/-1.0		5.23	ug/L	+/-0.95		5.75	ug/L	+/-0.98	
	Hardness	102.	mg/L			97.6	mg/L			101.	mg/L		

Field ID:
 Sample ID:
 MOE-LIMS ID:
 Station ID:
 Collect Date:

STO-01
 C177925-0001
 2010WS27-00573

STO-1
 C177925-0002
 2010WS27-00574

STO-2
 C177925-0003
 2010WS27-00575

08 JUL 2010
 STOCO LAKE MAIN BASIN

08 JUL 2010
 STOCO LAKE MAIN BASIN

08 JUL 2010
 STOCO LAKE OFF LAGOON DISCHARGE AREA

Sample Comments Description:

Listid	Parmname	Value	Units	Qual	Rmk1	Value	Units	Qual	Rmk1	Value	Units	Qual	Rmk1
3454L4	Acetaminophen (paracetamol)		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Bezafibrate		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Carbadox		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Diclofenac		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Gemfibrozil		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Ibuprofen		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Indomethacin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Chloramphenicol		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Lasalocid A		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfadiazine		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Warfarin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	PFOA		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Perfluorooctane sulfonic acid		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Clofibrilic Acid		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
3454L5	Carbamazepine		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Chlortetracycline		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Ciprofloxacin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Doxycycline		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Erythromycin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Ketoprofen		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Lincomycin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Monensin Sodium		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Naproxen		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Oxytetracycline		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Roxithromycin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfachloropyridazine		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfadimethoxine		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfamerazine		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfamethazine		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfamethizole		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfamethoxazole		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Sulfathiazole		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Tetracycline		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Trimethoprim		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Enrofloxacin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
	Norfloxacin		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	
3454L6	alpha-Estradiol		ng/L	NDRS			ng/L	NDRS			ng/L	NDRS	

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Field ID: STO-01
Sample ID: C177925-0001
MOE LIMS ID: 2010WS27-00573
Station ID:
Collect Date: 08 JUL 2010
Sample Location Description: STOCO LAKE MAIN BASIN

Field ID: STO-1
Sample ID: C177925-0002
MOE LIMS ID: 2010WS27-00574
Station ID:
Collect Date: 08 JUL 2010
Sample Location Description: STOCO LAKE MAIN BASIN

Field ID: STO-2
Sample ID: C177925-0003
MOE LIMS ID: 2010WS27-00575
Station ID:
Collect Date: 08 JUL 2010
Sample Location Description: STOCO LAKE OFF LAGOON DISCHARGE AREA

ListID	Parameter	EUPHOTIC			MOB			OFF LAGOON DISCHARGE AREA		
		Value	Units	Qual	Value	Units	Qual	Value	Units	Qual
345416	Ethinylestradiol		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	beta-Estradiol		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	Norethindrone		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	Bisphenol a		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	Diethylstilbestrol		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	Equilin		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	Estrone		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	Estradiol		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS
	Progesterone		ng/L	NDRS		ng/L	NDRS		ng/L	NDRS

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Field ID: STO-2
 Sample ID: C177925-0004
 MOE*LIMS ID: 2010SE27-00041
 Station ID:
 Collect Date: 08 JUL 2010
 Sample Location Description: LAKE STOCO-

Listid	Parname	Value	Units	Qual	Rmk1
3012L2	Carbon; total organic	21.	mg/g dry		
3116L1	Nitrogen; total Kjeldahl	2.0	mg/g dry		CRO
3139L3	Phosphorus; total	1.3	mg/g dry		
3245L2	Moisture	53.	%		
	Arsenic	23.	ug/g dry		
	Selenium	0.9	ug/g dry	<T	
3470L1	Aluminum	7000	ug/g dry		
	Antimony	5	ug/g dry	<MDL	
	Arsenic	30.	ug/g dry		
	Barium	110	ug/g dry		
	Beryllium	0.33	ug/g dry		
	Boron	5.3	ug/g dry		
	Calcium	7900	ug/g dry		
	Cadmium	0.3	ug/g dry		
	Chromium	18.	ug/g dry		
	Cobalt	71.	ug/g dry		
	Copper	11.	ug/g dry		
	Iron	31000	ug/g dry		
	Lead	29.	ug/g dry		
	Magnesium	3500	ug/g dry		
	Manganese	1300	ug/g dry		
	Molybdenum	1.0	ug/g dry		
	Nickel	44.	ug/g dry		
	Potassium	950	ug/g dry		
	Phosphorus	900	ug/g dry		
	Selenium	5	ug/g dry	<MDL	
	Silver	.2	ug/g dry	<MDL	
	Sodium	300	ug/g dry		
	Strontium	34.	ug/g dry		
	Sulphur	1600	ug/g dry		
	Thallium	10.	ug/g dry		
	Tin	2.5	ug/g dry		
	Titanium	850	ug/g dry		
	Vanadium	23.	ug/g dry	<MDL	
	Zinc	280	ug/g dry		