LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: JANUARY 16, 2008, (1st Qtr)

PARAMETER IIFPA DETERMINED MCL AS NUMBER LAKE 10 10 10 10 10 10 10 1				1		UTH WATER			.14	ARDINE WAT	FR PURIFIC	ATION PLAN	т —
MCL AS NUMBER LAKE Taylor SPA SPEEL SOUTH LAKE North Central North TEMPERATURE 1 C 00010 1 3 3 3 5 1 5 5 5 7 7 7	PARAMETER	IEPA	DETERMINED	STORET									
TURBIDITY 0.5 N.T.U 82079 2.20 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.15	, , , , , , , , , , , , , , , , , , , ,											Central	North
THRESHOLD ODOR, STRAIGHT '3 T.O.N. 00086	TEMPERATURE		°C	00010	1	3	3	5	1	5	5	7	7
THRESHOLD ODOR, DECHLORINATED '3 T.C.N. '15 PtCo. Units 00060 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TURBIDITY	0.5	N.T.U.	82079	2.20	0.10	0.10	0.10	2.20	0.10	0.10	0.10	0.15
COLOR	THRESHOLD ODOR, STRAIGHT	*3	T.O.N	00086		1Cc	1Cc	1Cc		1Cc	1Cc	1Cc	1Cc
PH	THRESHOLD ODOR, DECHLORINATED	*3	T.O.N.		1M	1M	1M	1M	1M	1M	1M	1M	1 M
CL2, mg/L S0064 0.00 0.96 0.97 0.84 0.00 0.97 0.97 0.81 0.80	COLOR	*15	Pt,-Co. Units	00080	0	0	0	0	0	0	0	0	0
SATURATION INDEX, LANGELIER	pH	*6.5-8.5	STD. Units	00040	8.10	7.52	7.49	7.57	8.09	7.58	7.58	7.66	7.69
ALKALINITY, PHENOLPHTHALEIN CaCO3, mg/L CaCO3, mg/L CaCO3, mg/L Od410 D0940 D109 D1	FREE CHLORINE RESIDUAL		CL ₂ , mg/L	50064	0.00	0.96	0.97	0.84	0.00	0.97	0.97	0.81	0.80
ALKALINITY, TOTAL CaCO3, mg/L Br, mg/L T1870 0.028 0.011 0.027 0.011 0.010 0.010 0.027 0.011 0.	SATURATION INDEX, LANGELIER		UNITS +/-		-0.08	-0.66	-0.71	-0.52	-0.08	-0.70	-0.71	-0.53	-0.39
BROMIDE Br. mg/L 71870 0.028 <-0.01 -0	ALKALINITY, PHENOLPHTHALEIN		CaCO3, mg/L	00415	0	0	0	0	0	0	0	0	0
CHLORIDE '250 CI, mg/L 00940 12.5 14.3 12.6 13.2 13.2 13.2 13.0 13.1 13.0 SULFATE '250 SO4, mg/L 00951 0.10 0.95 0.95 1.01 0.09 0.93 1.01 1.00 1.00 SULFATE '250 SO4, mg/L 00945 23.3 29.1 28.9 29.3 23.2 28.0 28.0 27.7 27.5 CaCO3, mg/L 00990 130 138 12.9 137 130 134 136 138 136 CALCIUM Ca, mg/L 00990 130 138 12.9 137 130 134 136 138 136 CALCIUM Ca, mg/L 00991 35.7 4 Severly 6 35.0 35.4 34.8 35.1 35.5 34.9 MAGNESIUM Mg, mg/L 00927 13.3 12.7 12.8 12.6 12.5 12.4 12.6 12.4 12.5 POTASSIUM K, mg/L 00937 1.6 1.5 1.7 1.5 1.5 1.5 1.6 1.5 1.5 1.5 SODIUM NA, mg/L 00006 7.9 7.7 7.7 8.0 7.9 8.2 8.0 8.0 8.0 SOLIDS, TOTAL DISSOLVED '500 TDS, mg/L 00150 173 155 148 155 145 157 163 169 164 SOLIDS, TOTAL TO	ALKALINITY, TOTAL		CaCO3, mg/L	00410	109	95	96	97	107	99	99	100	98
F. mg/L 0.0951 0.10 0.95 0.95 1.01 0.09 0.93 1.01 1.00 1.00	BROMIDE		Br, mg/L	71870	0.028	<0.01	<0.01	<0.01	0.027	<0.01	<0.01	<0.01	<0.01
SULFATE	CHLORIDE	*250	CI, mg/L	00940	12.5	14.3	12.6	13.2	13 2	13.2	13.0	13.1	13.0
HARDNESS CaCO3, mg/L 00900 130 136 129 137 130 134 136 138 136 136 136 136 136 136 136 136 136 136 136 136 136 136 136 136 138 136 136 136 136 136 136 136 136 136 138 136 138 136 138 136 1	FLUORIDE	4	F, mg/L	00951	0.10	0.95	0.95	1.01	0.09	0 93	1.01	1.00	1.00
CALCIUM Ca, mg/L 00916 35.7 Beverly b 6 35.0 35.4 34.8 35.1 35.5 34.9 MAGNESIUM Mg, mg/L 00927 13.3 12.7 12.8 12.6 12.5 12.4 12.6 12.4 12.5 POTASSIUM K, mg/L 00937 1.6 1.5 1.7 1.5 1.5 1.5 1.6 1.5 1.5 SODIUM Na, mg/L 00006 7.9 7.7 7.7 8.0 7.9 8.2 8.0 8.0 8.0 SOLIDS, TOTAL Tot. Soi., mg/L 00150 173 155 148 155 145 157 163 169 164 SOLIDS, TOTAL Tot. Soi., mg/L 00500 181 189 180 188 175 189 186 184 129 TOTAL ORGANIC CARBON NPOC, mg/L 00680 1.86 1.55 1.50 1.55 1.78 1.60 1.58 1.57 1.52	SULFATE	*250	SO4, mg/L	00945	23.3	29.1	28.9	29.3	23.2	28.0	28.0	27.7	27.5
Mg. mg/L 00917 13.3 12.7 12.8 12.6 12.5 12.4 12.6 12.4 12.5 POTASSIUM	HARDNESS		CaCO3, mg/L	00900	130			137	130	134	136	138	136
POTASSIUM K, mg/L 00937 1.6 1.5 1.7 1.5 1.5 1.5 1.6 1.5 1.5 SODIUM Na, mg/L 00006 7.9 7.7 7.7 8.0 7.9 8.2 8.0 8.0 8.0 8.0 SOLIDS, TOTAL DISSOLVED '500 TDS, mg/L 00150 173 155 148 155 145 157 163 169 164 SOLIDS, TOTAL TOTAL TOTAL ORGANIC CARBON NPOC, mg/L 00600 1.81 189 180 188 175 189 186 184 129 TOTAL ORGANIC CARBON NPOC, mg/L 00680 1.86 1.55 1.50 1.55 1.78 1.60 1.58 1.57 1.52 OXYGEN DEMAND, CHEMICAL O, mg/L 00335 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	CALCIUM		Ca, mg/L	00916	35.7	Beve	erly 5.6	35.0	35.4	34.8	35.1	35.5	34.9
SODIUM Na, mg/L 00006 7.9 7.7 7.7 8.0 7.9 8.2 8.0 8.0 8.0	MAGNESIUM		Mg, mg/L	00927	13.3	12.7	12.8	12.6	12 5	12.4	12.6	12 4	12 5
SOLIDS, TOTAL DISSOLVED *500 TDS, mg/L 00150 173 155 148 155 145 157 163 169 164 SOLIDS, TOTAL Tot. Sol., mg/L 00500 181 189 180 188 175 189 186 184 129 TOTAL ORGANIC CARBON NPOC, mg/L 00680 1.86 1.55 1.50 1.55 1.78 1.60 1.58 1.57 1.52 OXYGEN DEMAND, CHEMICAL O, mg/L 00335 <5	POTASSIUM		K, mg/L	00937	1.6	1.5	1.7	1.5	1.5	1.5	1.6	1.5	1.5
SOLIDS, TOTAL Tot. Sol., mg/L 00500 181 189 180 188 175 189 186 184 129 TOTAL ORGANIC CARBON NPOC, mg/L 00680 1.86 1.55 1.50 1.55 1.78 1.60 1.58 1.57 1.52 OXYGEN DEMAND, CHEMICAL O, mg/L 00335 <5	SODIUM		Na, mg/L	00006	7.9	7.7	7.7	8.0	7.9	8.2	8.0	8.0	8.0
TOTAL ORGANIC CARBON NPOC, mg/L 00680 1.86 1.55 1.50 1.55 1.78 1.60 1.58 1.57 1.52 OXYGEN DEMAND, CHEMICAL O, mg/L 00335 <5	SOLIDS, TOTAL DISSOLVED	*500	TDS, mg/L	00150	173	155	148	155	145	157	163	169	164
OXYGEN DEMAND, CHEMICAL O, mg/L 00335 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	SOLIDS, TOTAL		Tot. Sol., mg/L	00500	181	189	180	188	175	189	186	184	129
NITROGEN, AMMONIA N, mg/L 00610 0.04 0.02 0.01 0.02 0.02 0.01 0.02 0	TOTAL ORGANIC CARBON		NPOC, mg/L	00680	1.86	1.55	1.50	1.55	1.78	1.60	1.58	1.57	1.52
NITROGEN, NITRATE 10 N, mg/L 00620 0.319 0.278 0.282 0.295 0.303 0.286 0.283 0.284 0.283 NITROGEN, NITRITE 1 N, mg/L 00615 0.02 0.03 0.05 0.05 0.05 0.05 0.443 0.411 0.415 0.420 0.400	OXYGEN DEMAND, CHEMICAL		O, mg/L	00335	<5	<5	<5	<5	<5	<5	<5	<5	<5
NITROGEN, NITRITE 1 N, mg/L 00615 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0	NITROGEN, AMMONIA		N, mg/L	00610	0.04	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.01
NITROGEN, TOTAL KJELDAHL N, mg/L 00625 O/S O	NITROGEN, NITRATE	10	N, mg/L	00620	0.319	0.278	0.282	0.295	0.303	0.286	0.283	0.284	0.283
ORTHOPHOSPHATE PO4, mg/L 00660 <0.05 0.465 0.459 0.463 <0.05 0.443 0.411 0.415 0.420 PHOSPHATE, TOTAL PO4, mg/L 00650 <0.05	NITROGEN, NITRITE	1	N, mg/L	00615	<0.02	<0.02	<0.02	<0.02	<0.02	<0 02	<0.02	<0.02	<0.02
PHOSPHATE, TOTAL PO4, mg/L 00650 <0.05 0.853 1.299 1.424 <0.05 0.720 1.335 0.966 1.087 CYANIDE, TOTAL 200 CN, ug/L 00720 <1	NITROGEN, TOTAL KJELDAHL		N, mg/L	00625	O/S	O/S	O/S	O/S	O/S	O/S	0/\$	0/\$	O/S
CYANIDE, TOTAL 200 CN, ug/L 00720 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	ORTHOPHOSPHATE		PO4, mg/L	00660	<0.05	0.465	0.459	0.463	<0.05	0.443	0.411	0.415	0.420
RADIOACTIVITY, GROSS ALPHA 15 pCi/L 01501 <1 <1 <1 <1 <1 <1 <1 <1 <1	PHOSPHATE, TOTAL		PO4, mg/L	00650	<0.05	0.853	1.299	1.424	<0.05	0.720	1.335	0.966	1.087
	CYANIDE, TOTAL	200	CN, ug/L	00720	<1	<1	<1	<1	<1	<1	<1	<1	<1
RADIOACTIVITY, GROSS BETA 50 pCi/L 03501 2.0 2.2 1.7 2.0 1.0 2.2 2.2 2.2 1.1	RADIOACTIVITY, GROSS ALPHA	15	pCi/L	01501	<1	<1	<1	<1	<1	<1	<1	<1	<1
	RADIOACTIVITY, GROSS BETA	50	pCi/L	03501	2.0	2.2	1.7	2.0	1.0	2.2	2.2	2.2	1.1

^{*} Federal/State Secondary MCL's

^{**} Action Level

^{***}Distribution samples are composited.

LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: JANUARY 16, 2008, (1st Otr)

				s	OUTH WATER	R PURIFICATI	ON PLANT	JARDINE WATER PURIFICATION PLANT				
PARAMETER	JEPA	DETERMINED	STORET	RAW	OUT	LETS	"DISTRIBUTION	RAW	OUTI	LETS	***DISTRI	BUTION
	MCL	AS	NUMBER	LAKE	73rd Street	79th Street	South	LAKE	North	Central	Central	North
ALUMINUM	*50-200	Al, μg/L	01105	78.9	50.0	31.3	29.5	38.4	39 2	39.5	32.5	54.7
ANTIMONY	6	Sb, µg/L	01268	<1	<1	<1	<1	<1	<1	<1	<1	<1
ARSENIC	10	As, μg/L	01002	<1	<1	<1	<1	<1	<1	<1	<1	<1
BARIUM	2000	8a, µg/L	01007	19.9	18	17.5	17.5	19.2	18.6	18.6	18.1	19.5
BERYLLIUM	4	Be, µg/L	01012	<1	<1	<1	<1	<1	<1	<1	<1	<1
BORON		B, µg/L	01022	19.9	19.2	18.8	19.2	19.1	19.4	18.2	17.9	19.1
CADMIUM	5	Cd, µg/L	01027	<1	<1	<1	<1	<1	<1	<1	<1	<1
СНКОМІИМ	100	Cr, μg/L	01034	<1	<1	<1	2.2	<1	<1	<1	<1	<1
COBALT		Co, µg/L	01037	<1	<1	<1	<1	<1	<1	<1	<1	<1
COPPER	**1300/90%	Cu, µg/L	01042	2.6	1.1	1.1	2.1	4.1	<1	1.3	1.6	1.2
IRON	*300	Fe, μg/L	00031	70.7	<6	<6	<6	29.4	<6	<6	6.7	11.7
LEAD	**15/90%	Pb, μg/L	01051	<1	<1	<1	<1	<1	<1	<1	<1	1.5
LITHIUM		Li, μg/L	01132	<2	<2	<2	<2	<2	<2	<2	<2	<2
MANGANESE	*50	Mn, µg/L	01055	1.5	<1	<1	<1	1.2	<1	<1	<1	<1
MERCURY	2	Hg, µg/L	71900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
MOLYBDENUM		Mo, µg/L	01062	1.1	1,0	1.0	1.1	1.0	1.0	1.0	1.0	1.0
NICKEL	100	Ni, μg/L	01067	<1	<1	<1	<1	1.3	<1	<1	<1	<1
SELENIUM	50	Se, μg/L	01147	<1	<1	<1	<1	<1	<1	<1	<1	<1
SILICON		Si, µg/L	01142	1,033	1,130	1,114	1,132	962.8	1,106	1,097	1,098	1,102
SILVER	*100	Ag, μg/L	01077	<1	-<1	<1	<1	<1	<1	<1	<1	<1
STRONTIUM		Sr, μg/L	01082	121	119	120	119	123	123	124	121	126
THALLIUM	2	TI, µg/L	01059	<1	<1	<1	<1	<1	<1	<1	<1	<1
TITANIUM		Ti, μg/L	01152	11.3	<5	<5	<5	5.6	<5	<5	<5	<5
VANADIUM		V, μg/L	00985	<1	<1	<1	<1	<1	<1	<1	<1	<1
ZINC	*5000	Zn, μg/L	01092	<4	<4	<4	<4	<4	<4	<4	15.6	6.2

* Federal/State Secondary, MCL's

** Action Level

***Distribution samples are composited.

CHIEF WATER CHEMIST

DIRECTOR OF LABORATORIES

MANAGER OF WATER QUALITY

DEPUTY COMMISSIONER

LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: 4/09/2008, 2nd Qtr

	1			so	UTH WATER	PURIFICAT	ION PLANT	J	ARDINE WAT	ER PURIFIC	PURIFICATION PLANT					
PARAMETER	IEPA	DETERMINED	STORET	RAW	OUT	LETS	***DISTRIBUTION	RAW	OUT	LETS	***DISTR	IBUTION				
	MCL	AS	NUMBER	LAKE	73rd Street	79th Street	SOUTH	LAKE	North	Central	Central	North				
TEMPERATURE	Γ	°C	00010	5	7	7	6	5	8	8	6	8				
TURBIDITY	0.5	N.T.U.	82079	1.20	0.05	0.10	0.15	0.85	0.10	0.10	0.10	0.10				
THRESHOLD ODOR, STRAIGHT	*3	T.O.N	00086	1M	1Cc	1Cc	1Cc	1M	1Cc	1Cc	1Cc	1Cc				
THRESHOLD ODOR, DECHLORINATED	*3	T.O.N.		1/2M	1M	1M	1M	1M	1M	1M	1M	1M				
COLOR	*15	PtCo. Units	00080	0	0	0	0	0	0	0	0	0				
pH	*6.5-8.5	STD. Units	00040	8.21	7.51	7.49	7.56	8.23	7.63	7.59	7 65	7.69				
FREE CHLORINE RESIDUAL		CL ₂ , mg/L	50064	0	1.00	0.98	0.71	0	0.99	0.97	0.77	0.65				
SATURATION INDEX, LANGELIER		UNITS +/-		-0.05	-0.68	-0.75	-0.71	-0.05	-0.61	-0.67	-0.64	-0.59				
ALKALINITY, PHENOLPHTHALEIN		CaCO3, mg/L	00415	0	0	0	0	0	0	0	0	0				
ALKALINITY, TOTAL		CaCO3, mg/L	00410	112	101	103	104	110	102	101	102	101				
BROMIDE		Br, mg/L	71870	0.027	<0.01	<0.01	<0.01	0.027	<0.01	<0.01	<0.01	<0.01				
CHLORIDE	*250	CI, mg/L	00940	14.4	17.5	17.6	17.8	12.8	14,6	14.5	14.6	14.6				
FLUORIDE	4	F, mg/L	00951	0.15	0.81	0.80	0.78	0.14	0.84	0.84	0.84	0.82				
SULFATE	*250	SO4, mg/L	00945	23.2	31.5	31.0	30.9	22.8	27.9	28.1	28.6	28.2				
HARDNESS		CaCO3, mg/L	00900	148	158	158	162	144	146	146	146	144				
CALCIUM		Ca, mg/L	00916	37.5	38.2	37.6	37.8	36.9	36,6	36.0	36 7	33.7				
MAGNESIUM		Mg, mg/L	00927	12.8	13.0	12.9	13.2	12.9	13.2	12.5	12.9	13.3				
POTASSIUM		K, mg/L	00937	1.2	1.2	1,3	12	1.2	1.2	1.2	1.2	1 2				
SODIUM		Na, mg/L	00006	8.2	9.6	9.5	9.5	7,4	8.0	8.0	8.8	7.8				
SOLIDS, TOTAL DISSOLVED	*500	TDS, mg/L	00150	178	195	181	186	153	167	167	175	169				
SOLIDS, TOTAL		Tot. Sol., mg/L	00500	182	201	207	209	183	194	195	193	190				
TOTAL ORGANIC CARBON		NPOC, mg/L	00680	1.86	1.57	1.55	1.54	1.79	1.52	1.49	1.50	1.50				
OXYGEN DEMAND, CHEMICAL		O, mg/L	00335	8.2	<5	<5	<5	<5	<5	<5	<5	7.8				
NITROGEN, AMMONIA		N, mg/L	00610	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
NITROGEN, NITRATE	10	N, mg/L	00620	0.326	0.347	0.349	0.351	0.280	0.290	0.290	0.289	0.292				
NITROGEN, NITRITE	1	N, mg/L	00615	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
NITROGEN, TOTAL KJELDAHL		N, mg/L	00625	o/s	o/s	o/s	o/s	o/s	o/s	o/s	o/s	o/s				
ORTHOPHOSPHATE		PO4, mg/L	00660	<0.05	0.48	0.50	0.47	<0.05	0.44	0.45	0.45	0.46				
PHOSPHATE, TOTAL		PO4, mg/L	00650	<0.05	1.17	1.07	0.90	<0.05	1.06	1.00	0.96	0.88				
CYANIDE, TOTAL	200	CN, ug/L	00720	<1	<1	<1	<1	<1	<1	<1	<1	<1				
RADIOACTIVITY, GROSS ALPHA	15	pCi/L	01501	<1	<1	<1	<1	<1	<1	<1	<1	<1				
RADIOACTIVITY, GROSS BETA	50	pCi/L	03501	2.7	2.1	1.8	2.5	2.0	2.6	2.0	1.9	2 9				

^{*} Federal/State Secondary MCL's

^{**} Action Level

^{***}Distribution samples are composited.

LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: 4/09/2008, 2nd Qtr

					OUTH WATER		· ·	J/	RDINE WAT	ER PURIFIC	ATION PLAN	ī
PARAMETER	IEPA	DETERMINED	STORET	RAW	OUT	LETS	***DISTRIBUTION	RAW	OUTI	_ETS	***DISTRI	BUTION
	MCL	AS	NUMBER	LAKE	73rd Streel	79th Street	South	LAKE	North	Central	Central	North
ALUMINUM		Al, μg/L	01105	24	35	34	42	17	37	36	29	32
ANTIMONY	6	Sb, µg/L	01268	<1	<1	<1	<1	<1	<1	<1	<1	<1
ARSENIC	10	As, µg/L	01002	<1	<1	<1	<1	<1	<1	<1	<1	<1
BARIUM	2000	Ba, µg/L	01007	19	20	19	19	19	19	19	18	19
BERYLLIUM	4	Be, µg/L	01012	<1	<1	<1	<1	<1	<1	<1	<1	<1
BORON		B, μg/L	01022	18	18	18	17	15	16	13	15	15
CADMIUM	5	Cd, μg/L	01027	<1	<1	<1	<1	<1	<1	<1	<1	<1
СНКОМІИМ	100	Cr, µg/L	01034	3	<u>,</u> 5	5	5	6	6	4	4	2
COBALT		Co, µg/L	01037	<1	<1	<1	<1	<1	<1	<1	<1	<1
COPPER	**1300	Cu, µg/L	01042	1	<1	<1	2	3	2	<1	1	<1
IRON	*300	Fe, μg/L	00031	13	<6	<6	9	7	<6	<6	<6	<6
LEAD	**15	Pb, µg/L	01051	<1	<1	<1	<1	<1	<1	<1	<1	<1
LITHIUM		Li, μg/L	01132	<2	<2	<2	<2	<2	<2	<2	<2	<2
MANGANESE	*50	Mπ, μg/L	01055	<2	<2	<2	<2	<2	<2	<2	<2	<2
MERCURY	2	Hg, μg/L	71900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
MOLYBDENUM		Mo, µg/L	01062	2	1	1	1	1	2	1	1	1
NICKEL	100	Nī, μg/L	01067	<1	<1	<1	<1	<1	<1	<1	<1	<1
SELENIUM	50	Se, µg/L	01147	<1	<1	1	1	<1	1	1	1	<1
SILICON		Si, µg/L	01142	1011	1168	1135	1150	832	1048	1044	1056	1068
SILVER	*100	Ag, μg/L	01077	<1	<1	<1	<1	<1	<1	<1	<1	<1
STRONTIUM	A).KCIDQ	Sr, µg/L	01082	120	122	121	119	113	120	122	120	122
THALLIUM	2	TI, μg/L	01059	<1	<1	<1	<1	<1	<1	<1	<1	<1
MUINATIT		Τί, μg/L	01152	<5	<5	<5	<5	<5	<5	<5	<5	<5
VANADIUM		V, μg/L	00985	<1	<1	<1	<1	<1	<1	<1	<1	<1
ZINC	*5000	Zn, μg/L	01092	<4	<4	<4	<4	<4	<4	<4	14	<4

^{*} Federal/State Secondary MCL's

CHIEF WATER CHEMIST

DIRECTOR OF LABORATORIES MANAGER OF WATER QUALITY

DEPUTY COMMISSIONER

^{**} Action Level

^{***}Distribution samples are composited.

LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: 07/16/2008 3rd Qtr

				so	UTH WATER	HWATER PURIFICATION PLANT JARDINE WATER PURIFICATION F						ίT.
PARAMETER	JEPA	DETERMINED	STORET	RAW	OUT	LETS	***DISTRIBUTION	RAW	OUT	LETS	***DISTR	IBUTION
	MCL	AS	NUMBER	LAKE	73rd Street	79th Street	SOUTH	LAKE	North	Central	Central	North
TEMPERATURE		°C	00010	20	20	20	20	20	20	17	19	19
TURBIDITY	0.5	N.T.U.	82079	0.40	0.20	0.15	0.15	0.70	0.10	0.10	0.10	0.10
THRESHOLD ODOR, STRAIGHT	* 3	T.O.N	00086	1 E	1 Cc	1 Cc	1 Cc	1 E	2 Cc	2 Cc	1 Cc	1 Cc
THRESHOLD ODOR, DECHLORINATED	*3	T.O.N.		1 E	1 E	1 E	1 E	1 E	1 E	1 E	1 M	1 M
COLOR	*15	PtCo. Units	00080	0	0	0	0	0	0	0	0	0
ρΗ	6.5-8.5	STD. Units	00040	8.43	7.70	7.70	7.70	8.35	7.70	7.60	7.70	7.70
FREE CHLORINE RESIDUAL		CL ₂ , mg/L	50064	0	0.96	0.99	0.63	0	0.97	0.96	0.64	0.69
SATURATION INDEX, LANGELIER		UNITS +/-		0.46	-0.33	-0.33	-0.31	0.36	-0.31	-0.48	-0.35	-0.35
ALKALINITY, PHENOLPHTHALEIN		CaCO3, mg/L	00415	0	0	0	0	0	0	0	0	0
ALKALINITY, TOTAL		CaCO3, mg/L	00410	110	99	99	99	108	100	102	99	99
BROMIDE		Br, mg/L	71870	0.029	<0.01	<0.01	<0.01	0.028	<0.01	<0.01	<0.01	<0.01
CHLORIDE	*250	CI, mg/L	00940	12.5	13 8	13.8	13.8	12.2	13.9	13.9	13.9	13.9
FLUORIDE	4	F, mg/L	00951	0.14	0.89	0.88	0.87	0.13	0.93	0.94	0.93	0.96
SULFATE	*250	SO4, mg/L	00945	22.7	28.4	28.3	28.3	22.5	28.5	28.7	28.6	28.2
HARDNESS		CaCO3, mg/L	00900	128	130	136	125	127	127	132	116	134
CALCIUM		Ca, mg/L	00916	31.9	31.3	30.8	31.8	31.3	31.6	31.8	31.0	31.1
MAGNESIUM		Mg, mg/L	00927	11.4	11.7	11.4	11.4	11.7	11.6	11.3	11.5	11.2
POTASSIUM		K, mg/L	00937	1.9	1.8	1.8	1.8	1.7	1.7	1.9	19	1.9
SODIUM		Na, mg/L	00006	7.9	8.2	8.1	8.2	7.7	7.9	7.9	8.1	8.1
SOLIDS, TOTAL DISSOLVED	*500	TDS, mg/L	00150	167	173	167	171	170	173	177	179	176
SOLIDS, TOTAL		Tot. Sol., mg/L	00500	167	173	167	171	170	173	177	179	176
TOTAL ORGANIC CARBON		NPOC, mg/L	00680	1.65	1.56	1.55	1.52	1.72	1.49	1.47	1.52	1.51
OXYGEN DEMAND, CHEMICAL		O, mg/L	00335	\$	<5	<5	8.1	8.9	<5	<5	7.8	6.2
NITROGEN, AMMONIA		N, mg/L	00610	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
NITROGEN, NITRATE	10	N, mg/L	00620	0.246	0.211	0.210	0.217	0.233	0.215	0.215	0.214	0.220
NITROGEN, NITRITE	1	N, mg/L	00615	<0 02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
NITROGEN, TOTAL KJELDAHL		N, mg/L	00625	o/s	ols	o/s	o/s	o/s	o/s	o/s	o/s	o/s
ORTHOPHOSPHATE		PO4, mg/L	00660	<0.05	0.467	0.474	0.471	<0.05	0.425	0.444	0.454	0.452
PHOSPHATE, TOTAL		PO4, mg/L	00650	<0.05	1.244	1.271	1.100	<0.05	0.879	0.962	1.087	1.170
CYANIDE, TOTAL	200	CN, ug/L	00720	<1	<1	<1	<1	<1	<1	<1	<1	<1
RADIOACTIVITY, GROSS ALPHA	15	pCi/L	01501	<1	<1	1.8	<1	2.6	1.1	1.9	<1	1.6
RADIOACTIVITY, GROSS BETA	50	pCi/L	03501	4.7	4.7	5.7	4.3	4.9	3.8	5.3	5.1	4.8

^{*} Federal/State Secondary MCL's

^{**} Action Level

^{***}Distribution samples are composited.

LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: 07/16/2008 3rd Qtr

			WIN EE COL		OUTH WATER			JARDINE WATER PURIFICATION PLANT					
PARAMETER	IEPA	DETERMINED	STORET	RAW	OUT	LETS	***DIŞTRIBUTION	RAW	OUT!	ETS	""DISTRI	BUTION	
	MCL	AS	NUMBER	LAKE	73rd Street	79th Street	South	LAKE	North	Central	Central	North	
ALUMINUM		Αl, μg/L	01105	64	128	120	118	68	95	97	88	93	
ANTIMONY	6	Sb, µg/L	01268	1	<1	<1	<1	<1	<1	<1	<1	<1	
ARSENIC	10	As, μg/ኒ	01002	<1	<1	<1	<1	<1	<1	<1	<1	<1	
BARIUM	2000	Ba, µg/L	01007	21	21	21	24	21	21	22	22	23	
BERYLLIUM	4	Be, μg/L	01012	<1	<1	<1	<1	<1	<1	<1	<1	<1	
BORON		B, μg/L	01022	19	18	21	18	19	21	19	18	19	
CADMIUM	5	Cd, µg/L	01027	<1	<1	<1	<1	<1	<1	<1	<1	<1	
CHROMIUM	100	Cr, μg/L	01034	2	7	6	5	3	3	3	4	4	
COBALT		Co, μg/L	01037	<1	<1	<1	<1	<1	<1	<1	<1	<1	
COPPER	**1300	Cu, μg/L	01042	2	<1	<1	1	4	<1	<1	<1	<1	
IRON	*300	Fe, µg/L	00031	7	<6	<6	<6	20	<6	<6	12	7	
LEAD		Pb, μg/L	01051	<1	<1	<1	2	<1	<1	<1	<1	1	
LITHIUM		Li, μg/L	01132	2	2	2	2	2	2	2	2	2	
MANGANESE	*50	Mn, μg/L	01055	<1	<1	<1	<1	<1	<1	<1	<1	<1	
MERCURY	2	Hg, µg/L	71900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
MOLYBDENUM		Mo, μg/L	01062	1	1	1	2	1	1	1	1	1	
NICKEL	100	Nì, μg/L	01067	1	1	1	2	1	1	1	2	2	
SELENIUM	50	Se, μg/L	01147	<1	<1	<1	<1	<1	<1	<1	<1	<1	
SILICON		Si, μg/L	01142	409	472	464	491	388	507	542	524	524	
SILVER	*100	Ag, µg/L	01077	<1	<1	<1	<1	<1	<1	<1	<1	<1	
STRONTIUM		Sr, μg/L	01082	106	105	101	117	104	103	106	109	111	
THALLIUM	2	Tl, μg/L	01059	<1	<1	<1	<1	 <1	<1	<1	<1	<1	
TITANIUM		Ti, μg/L	01152	3	3	3	3	3	3	2	3	3	
VANADIUM		V, µg/L	00985	<2	<2	<2	<2	<2	<2	<2	<2	<2	
ZINC	*5000	Zn, μg/L	01092	<2	<2	<2	3	<2	<2	<2	17	6	

* Federal/State Secondary MCL's

** Action Level

***Distribution samples are composited.

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DIRECTOR OF LABORATORIES MANAGER OF WATER QUALITY

DEPUTY COMMISSIONER

CHIEF WATER CHEMIST

LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: 10/29/08 4th Qtr

			SOUTH WATER PURIFICATION PLANT						ARDINE WAT	ER PURIFIC	ATION PLAN	iT
PARAMETER	IEPA	DETERMINED	STORET	RAW	TUO	LETS	***DISTRIBUTION	RAW		LETS	***DISTR	
	MCL	AS	NUMBER	LAKE	73rd Street	79th Street	SOUTH	LAKE	North	Central	Central	North
TEMPERATURE		°C	00010	14	13	13	15	9	12	12	16	16
TURBIDITY	0.5	N.T.U.	82079	6.40	0.10	0.10	0.10	4.3	0.10	0.10	0.10	0.10
THRESHOLD ODOR, STRAIGHT	*3	T.O.N	00086	2E	2Cc	2Cc	1 Cc	1 E	2 Cc	2 Cc	2Cc	2Cc
THRESHOLD ODOR, DECHLORINATED	*3	T.O.N.			1M	1Mm	1M		1M	1M	1E	1 M
COLOR	*15	PtCo. Units	00080	0	0	0	0	0	0	0	0	0
pH	*6.5-8.5	STD. Units	00040	8.25	7.73	7.67	7.82	8.21	7.73	7.76	7.91	7.94
FREE CHLORINE RESIDUAL		CL ₂ , mg/L	50064	0	1.00	0.95	0.75	0	1.07	1.01	0.69	0.70
SATURATION INDEX, LANGELIER		UNITS +/-		0.19	-0.41	-0.47	-0.27	0.01	-0.43	-0.40	-0.15	-0.11
ALKALINITY, PHENOLPHTHALEIN		CaCO3, mg/L	00415	0	0	0	0	0	0	0	0	0
ALKALINITY, TOTAL		CaCO3, mg/L	00410	111	102	103	101	111	101	104	101	102
BROMIDE		Br, mg/L	71870	0.031	<0.01	<0.01	<0.01	0.027	<0.01	<0.01	<0.01	<0.01
CHLORIDE	*250	Cl, mg/L	00940	15.0	15.6	15.7	14.0	12.0	13.7	13.7	14.5	13.8
FLUORIDE	4	F, mg/L	00951	0.11	0.90	0.91	0.92	0.08	0.91	0.90	0.93	0.92
SULFATE	*250	SO4, mg/L	00945	25.6	30.8	31.0	28.8	22.9	28.2	28.3	29	28.3
HARDNESS) I	CaCO3, mg/L	00900	141	141	141	139	135	143	148	145	137
CALCIUM		Ca, mg/L	00916	35.7	34.6	35.0	35.3	35	35.3	34.2	35.0	35.5
MAGNESIUM '		Mg, mg/L	00927	12.1	11.7	11.4	11.6	11.5	11.7	11.6	11.8	11.7
POTASSIUM		K, mg/L	00937	1.9	1.7	1.8	1.6	1.6	1.5	1.4	1.6	1.7
SODIUM		Na, mg/L	00006	9.3	9.1	9.1	7.8	7.3	7.8	7.8	8.2	7.8
SOLIDS, TOTAL DISSOLVED	*500	TDS, mg/L	00150	51	49.2	46.2	27.8	41.6	35.6	38.8	32.2	40.4
SOLIDS, TOTAL		Tot. Sol., mg/L	00500	179	187	185	178	172	181	176	172	178
TOTAL ORGANIC CARBON		NPOC, mg/L	00680	1.87	1.63	1.65	1.54	1.71	1.49	1.45	1.49	1.47
OXYGEN DEMAND, CHEMICAL		O, mg/L	00335	8.0	<5	<5	5.1	8.0	9.4	8.7		6.6
NITROGEN, AMMONIA		N, mg/L	00610	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
NITROGEN, NITRATE	10	N, mg/L	00620	0.311	0.276	0.279	0.246	0.290	0.280	0.280	0.276	0.280
NITROGEN, NITRITE	1	N, mg/L	00615	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
NITROGEN, TOTAL KJELDAHL		N, mg/L	00625	o/s	o/s	o/s	o/s	o/s	0/s	0/s	0/s	0/s
ORTHOPHOSPHATE		PO4, mg/L	00660	<0.05	0.539	0.552	0.536	<0.05	0.393	0.397	0.426	0.415
PHOSPHATE, TOTAL		PO4, mg/L	00650	<0.05	1.287	1.186	1.058	<0.05	0.841	0.918	0.420	0.413
CYANIDE, TOTAL	200	CN, ug/L	00720	<1	<1	<1	<1	<1	<1	<1	<1	<1
RADIOACTIVITY, GROSS ALPHA	15	pCi/L	01501	<1	<1	<1	<1	<1	<1			
RADIOACTIVITY, GROSS BETA	50	pCi/L	03501	6.4	6.3	6.3	6.1	5.7	6.2	<1 5.8	1.4 6.1	<1 6.4
Federal/State Secondary MCL's	** Action I		###Dintrib					<u> </u>	U.Z	0.0	U. I	0.4

^{*} Federal/State Secondary MCL's

^{**} Action Level

^{***}Distribution samples are composited.

LABORATORY ACCREDITATION NUMBER: 100228

SAMPLE COLLECTION DATE: 10/29/08 4th Qtr

		······································		s	OUTH WATER	R PURIFICATI	ON PLANT	J.A	RDINE WAT	ER PURIFIC	ATION PLANT	ŗ
PARAMETER	IEPA	DETERMINED	STORET	RAW	OUT	LETS	***DISTRIBUTION	RAW	OUTL	ETS	***DISTRIE	BUTION
	MCL	AS	NUMBER	LAKE	73rd Street	79th Street	South	LAKE	North	Central	Central	North
ALUMINUM		Al, μg/L	01105	97	55	52	45	47	42	43	41	41
ANTIMONY	6	Sb, µg/L	01268	<1	<1	<1	<1	<1	<1	<1	<1	<1
ARSENIC	10	As, μg/L	01002	1	<1	<1	<1	<1	<1	<1	<1	<1
BARIUM	2000	Ba, µg/L	01007	23	21	21	18	16	20	17	20	21
BERYLLIUM	4	Be, µg/L	01012	4.2	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.0
BORON		B, µg/L	01022	12	10	8	7	7	7	4	7	7
CADMIUM	5	Cd, µg/L	01027	<1	<1	<1	<1	<1	<1	<1	<1	<1
CHROMIUM	100	Cr, µg/L	01034	<1	1.1	2.5	<1	1.1	2.4	1.9	<1	1.3
COBALT		Co, µg/L	01037	<1	<1	<1	<1	<1	<1	<1	<1	<1
COPPER	**1300	Cu, µg/L	01042	2.8	<1	<1	1.2	3.8	<1	<1	2.7	1.2
IRON	*300	Fe, µg/L	00031	232	63.4	60.8	67.9	137	60.8	63.2	77.1	85.5
LEAD		Pb, µg/L	01051	<1	<1	<1	<1	<1	<1	<1	<1	1.2
LITHIUM		Li, μg/L	01132	3	2	2	2	2	2	2	2	2.2
MANGANESE	*50	Mn, µg/L	01055	6	<1	<1	<1	5.2	<1	<1	1.1	<1
MERCURY	2	Hg, µg/L	71900	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
MOLYBDENUM		Mo, µg/L	01062	1.6	1.4	1.5	1.1	<1	1.1	1	1.3	1.2
NICKEL	100	Ni, μg/L	01067	1.4	1.1	1.1	1.1	1	1.1	1	1.3	1.3
SELENIUM	50	Se, µg/L	01147	<1	1	1.1	<1	<1	<1	<1	<1	<1
SILICON		Si, μg/L	01142	790	822	840	857	889	980	979	1005	991
SILVER	*100	Ag, μg/L	01077	<1	<1	<1	<1	<1	<1	<1	<1	<1
STRONTIUM		Sr, µg/L	01082	122	122	120	115	95.7	120	108	119	120
THALLIUM	2	Tl, μg/L	01059	<1	<1	<1	<1	<1	<1 .	<1	<1	<1
TITANIUM		Ti, μg/L	01152	<5	<5	<5	<5	<5	<5	<5	<5	<5
VANADIUM		V, µg/L	00985	2.3	<2	<2	<2	<2	2.1	<2	<2	<2
ZINC	*5000	Zn, μg/L	01092	<1	<1	3.2	6.3	<1	<1	<1	59.7	17.4

* Federal/State Secondary MCL's

** Action Level

***Distribution samples are composited.

CHIEF WATER CHEMIST

DIRECTOR OF LABORATORIES MANAGER OF WATER QUALITY

DEPUTY COMMISSIONER