

Appendix 6
Detailed water quality data for the Van Gaal Drain,
Moore Branch and Jock River Tributary

Client: Kilgour & Associates Ltd.
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Report Number: 2820109
 Date: 2008-08-22
 Date Submitted: 2008-08-14

Attention: Mr. Bruce Kilgour

Project: 0003

P.O. Number: VISA
 Matrix: Water

Chain of Custody Number: 84067

LAB ID:			650589	650590	650591	GUIDELINE		
Sample Date:			2008-08-09	2008-08-09	2008-08-09			
Sample ID:			JRT-1(1)	VG-R3	VG-R2			
PARAMETER	UNITS	MRL				TYPE	LIMIT	UNITS
Conductivity	uS/cm	5	999	880	707			
pH			7.95	7.59	8.04	CCME	6.5-9.0	mg/L
Total Kjeldahl Nitrogen	mg/L	0.10	1.19	0.62	1.13			
Total Phosphorus	mg/L	0.01	0.04	<0.01	0.05	PWQO	0.03	mg/L
N:P Ratio (calculated)			30	-62	23			
Total Suspended Solids	mg/L	2	<2	4	2			
Hardness (calculated)	mg/L		410	331	277			
Calcium	mg/L	1	110	93	83			
Magnesium	mg/L	1	33	24	17			
Potassium	mg/L	1	2	13	4			
Sodium	mg/L	2	57	47	33			
Aluminum	mg/L	0.01	0.02	0.20	0.14	CCME	0.1	mg/L
Barium	mg/L	0.01	0.22	0.13	0.17			
Beryllium	mg/L	0.001	<0.001	<0.001	<0.001			
Boron	mg/L	0.01	0.04	0.09	0.07			
Cadmium	mg/L	0.0001	<0.0001	<0.0001	<0.0001	CCME	0.08	mg/L
Chromium	mg/L	0.001	0.005	0.005	0.004	CCME	0.001	mg/L
Cobalt	mg/L	0.0002	0.0003	0.0003	0.0003			
Copper	mg/L	0.001	0.006	0.002	0.001	CCME	0.004	mg/L
Iron	mg/L	0.03	0.05	0.21	0.48	CCME	0.3	mg/L
Lead	mg/L	0.001	<0.001	<0.001	<0.001	CCME	0.007	mg/L
Manganese	mg/L	0.01	0.02	0.02	0.06			
Molybdenum	mg/L	0.005	<0.005	<0.005	<0.005	CCME	0.073	mg/L
Nickel	mg/L	0.005	<0.005	<0.005	<0.005	CCME	0.15	mg/L
Silicon	mg/L	0.1	5.1	9.4	8.2			
Silver	mg/L	0.0001	<0.0001	<0.0001	<0.0001	CCME	0.0001	mg/L
Strontium	mg/L	0.001	0.790	1.04	0.998			
Thallium	mg/L	0.0001	<0.0001	<0.0001	<0.0001			
Titanium	mg/L	0.01	<0.01	<0.01	<0.01	CCME	0.8	mg/L
Vanadium	mg/L	0.001	0.004	0.004	0.004			
Zinc	mg/L	0.01	0.02	<0.01	<0.01	CCME	0.03	mg/L

MRL = Method Reporting Limit