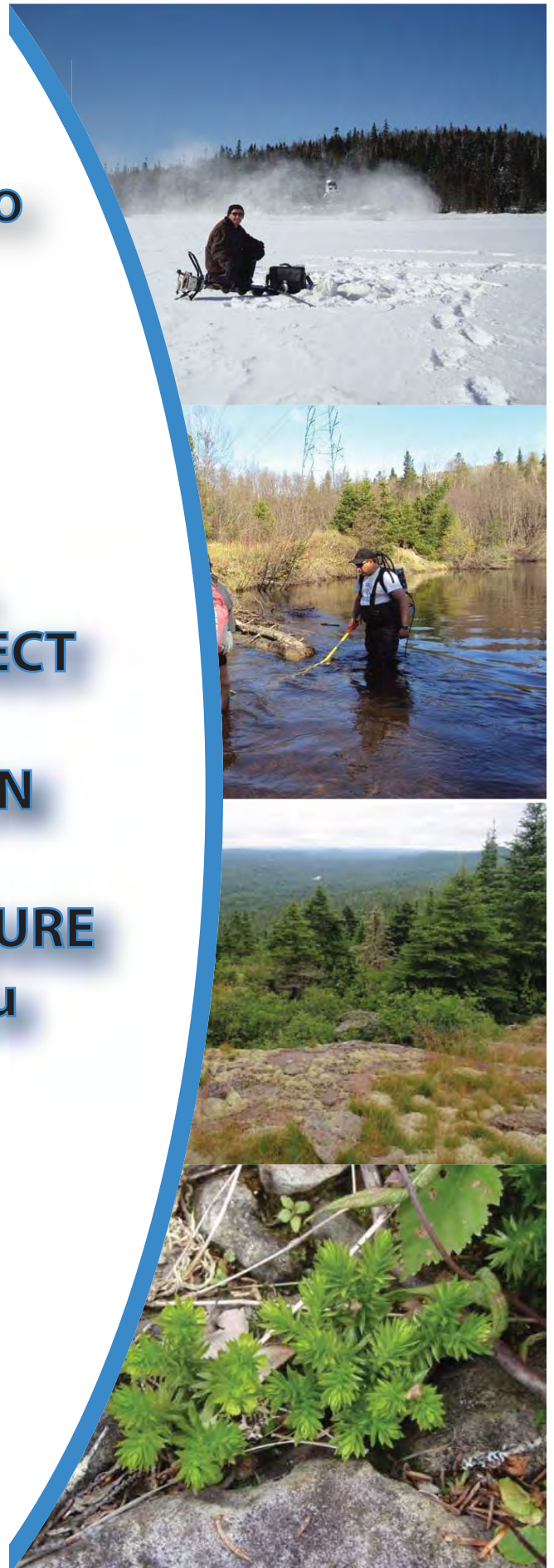


**ENVIRONMENTAL ASSESSMENT  
FOR THE MARATHON PGM-Cu  
PROJECT AT MARATHON, ONTARIO**

**STILLWATER CANADA INC.  
MARATHON PGM-Cu PROJECT**

**SUPPORTING INFORMATION  
DOCUMENT No. 18 -  
DRAFT CONCEPTUAL CLOSURE  
PLAN - MARATHON PGM-Cu  
PROJECT**

**Prepared by:  
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July 11, 2012

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Appendix E:	Marathon PGM Terrestrial Baseline Assessment 2009 (Northern Bioscience)
Appendix F:	Marathon PGM-Cu Project Supporting Document -Geochemical Assessment of Mine Components (Ecometrix Inc.)
Appendix G:	Marathon PGM-Cu Project - Process Solids Management Facility – Conceptual Closure Plan (Knight Piesold)

# 1.0 Introduction

This Conceptual Closure Plan has been prepared to provide project stakeholders with Stillwater Canada Incorporated's (SCI) preliminary plans for closure of the site in order to facilitate ongoing consultation. A formal Closure Plan will ultimately be prepared in accordance with Ontario Regulation 240/00 for submission to the Ontario Ministry of Northern Development and Mines (MNDM). As required by O.Reg. 240/00, the Final Closure Plan will including a Letter of Transmittal and Certification statements by the Qualified Person(s) whom authored the plan.

## 1.1 Proponent and Site Information

Stillwater Canada Inc.'s Marathon PGM-Cu Project is located approximately 10 km north of the Town of Marathon, Ontario (Figure A). The town, population approximately 4,000, is situated adjacent to the Trans-Canada Highway (Hwy 17) on the northeast shore of Lake Superior, about 300 km east and 400 km northwest (by highway) of Thunder Bay and Sault Ste-Marie, respectively.

The project site lies partially within the municipal boundaries of the Town of Marathon, as well as partially within the unorganized townships of Pic, O'Neil and McCoy. The primary zoning designation within the Project site is "rural".

The centre of the Project site footprint sits at approximately 48° 47' N latitude, 86° 19' W longitude. The Project site is in an area characterized by relatively dense vegetation, comprised largely of a birch- and, to a lesser extent, spruce-dominated mixed wood forest. The terrain is moderate to steep, with frequent bedrock outcrops and prominent east-west oriented valleys.

Proponent:	Stillwater Canada Inc.
Physical Address:	1005, 715 Hewitson St. Thunder Bay, ON
Mailing Address:	357, 1100 Memorial Ave Thunder Bay, ON P7B 4A3
Authorized Contact Person:	Stan Emms Vice President & General Manager (807) 285-4272 x 1  Tabatha LeBlanc Environmental Manager (204) 444-3959



**Figure A. Location of the Proposed Marathon PGM-Cu Project Site near Marathon, Ontario**

## 1.2 Site Boundaries and Land Tenure

The Marathon PGM-Cu Project site has four (4) Surface and Mining Leases, Land Registry Parcel Numbers 107094, 108581, 107323 and 107112, that are comprised of 86 mining claims. Contiguous with these leases are 61 mining claims. The size of this property is 5,281 hectares. The Mining Lease Numbers, Perimeter Survey Claim Number (number on claim map), Land Registry Parcel Number and the mining claims contained within the Leases are cross-referenced on Table A. A mining claim reference plan is presented in Figure B. In 2011, Stillwater has made application to bring mining claims 4204207, 4204208 and 3015168 (pink highlighted area on Figure B) to lease including surface and mineral lease. The application is being processed by the MNDM. Surveying has been completed in spring 2012 and another application is being submitted to bring mining claims to surface and mineral lease. These new areas are delineated on Figure B by the deep purple. Only the areas with corridors, roads or locations of other mine infrastructure are being brought to lease, other mineral claims shown within the green Project boundary will not be brought to lease.

Claim	Lease	MNDM Units	MNDM Hectares	Measured Hectares	Tenure
4208442		14	224	223.50	Mineral Rights
4208437		10	160	164.30	Mining Rights – 2012 application filed for lease
3006106		1	16	16.32	Mining Rights – 2012 application filed for lease
4246277		16	256	252.10	Mining Rights – 2012 application filed for lease
4246285		15	240	229.70	Mining Rights – 2012 application filed for lease
4242127		4	64	63.62	Mining Rights – 2012 application filed for lease
3019959		13	208	215.70	Mining Rights – 2012 application filed for lease
3019958		14	224	202.40	Mining Rights – 2012 application filed for lease
3014935		12	192	174.50	Mineral Rights
4209026		10	160	158.00	Mineral Rights
1245837		2	32	41.71	Mineral Rights
1246695		14	224	203.70	Mining Rights – 2012 application filed for lease
4246283		2	32	27.18	Mining Rights – 2012 application filed for lease
4246284		3	48	45.53	Mining Rights – 2012 application filed for lease
3015168		5	80	69.24	Mineral Rights – need to include in 2012 application
3015167		2	32	13.19	Mineral Rights
3012173		11	176	131.00	Mineral Rights
3006862		15	240	222.40	Mineral Rights
3019790		12	192	184.10	Mineral Rights
4204048		4	64	65.13	Mining Rights – 2011 application filed for lease

Claim	Lease	MNDM Units	MNDM Hectares	Measured Hectares	Tenure
1205330		12	192	175.50	Mining Rights – 2012 application filed for lease
1245838		2	32	41.71	Mineral Rights
1240016		7	112	94.01	Mineral Rights
3015140		1	16	5.78	Mining Rights – 2012 application filed for lease
3015141		1	16	4.07	Mining Rights – 2012 application filed for lease
3015166		3	48	39.90	Mining Rights – 2012 application filed for lease
3015165		4	64	65.86	Mining Rights – 2012 application filed for lease
3015163		5	80	68.05	Mining Rights – 2012 application filed for lease
3015164		4	64	53.57	Mining Rights – 2012 application filed for lease
3012177		6	96	133.70	Mining Rights – 2012 application filed for lease
4204047		7	112	103.20	Mining Rights – 2011 application filed for lease
4204049		10	160	149.40	Mining Rights – 2012 application filed for lease
TB101578	Lease 107094			18.97	Mining Rights Only
TB101581	Lease 107094			8.20	Mining Rights Only
TB101224	Leases 107094 and 108581			15.44	Surface and Mining Rights
TB101225	Leases 107094 and 108581			14.23	Surface and Mining Rights
TB101579	Leases 107094 and 108581			17.68	Surface and Mining Rights
TB101580	Leases 107094 and 108581			11.29	Surface and Mining Rights
TB101583	Leases 107094 and 108581			6.64	Surface and Mining Rights
TB103572	Leases 107094 and 108581			14.12	Surface and Mining Rights
TB103573	Leases 107094 and 108581			14.61	Surface and Mining Rights
TB103574	Leases 107094 and 108581			17.28	Surface and Mining Rights
TB103575	Leases 107094 and 108581			15.54	Surface and Mining Rights
TB103583	Leases 107094 and 108581			13.74	Surface and Mining Rights
TB103584	Leases 107094 and 108581			8.62	Surface and Mining Rights

Claim	Lease	MNDM Units	MNDM Hectares	Measured Hectares	Tenure
TB103657	Leases 107094 and 108581			14.23	Surface and Mining Rights
TB106983	Leases 107094 and 108581			16.62	Surface and Mining Rights
TB107641	Leases 107094 and 108581			5.62	Surface and Mining Rights
TB112787	Lease 107323			15.55	Mining Rights Only
TB112788	Lease 107323			30.82	Mining Rights Only
TB112789	Lease 107323			18.75	Mining Rights Only
TB105709	Leases 107112 and 108581			38.13	Surface and Mining Rights
TB105712	Leases 107112 and 108581			19.19	Surface and Mining Rights
TB105713	Lease 107112			23.23	Mining Rights Only
TB105715	Leases 107112 and 108581			14.90	Surface and Mining Rights
TB105716	Leases 107112 and 108581			24.67	Surface and Mining Rights
TB105717	Leases 107112 and 108581			26.29	Surface and Mining Rights
TB105718	Leases 107112 and 108581			36.52	Surface and Mining Rights
TB105719	Leases 107112 and 108581			26.93	Surface and Mining Rights
TB105720	Leases 107112 and 108581			31.25	Surface and Mining Rights
TB105721	Leases 107112 and 108581			30.64	Surface and Mining Rights
TB105722	Leases 107112 and 108581			24.78	Surface and Mining Rights
TB105723	Leases 107112 and 108581			5.98	Surface and Mining Rights
TB105724	Leases 107112 and 108581			6.96	Surface and Mining Rights
TB105725	Leases 107112 and 108581			7.88	Surface and Mining Rights
TB105726	Leases 107112 and 108581			10.74	Surface and Mining Rights
TB105727	Leases 107112 and 108581			18.23	Surface and Mining Rights
TB105728	Leases 107112 and 108581			88.68	Surface and Mining Rights
TB105729	Leases 107112 and 108581			23.54	Surface and Mining Rights

Claim	Lease	MNDM Units	MNDM Hectares	Measured Hectares	Tenure
TB105730	Leases 107112 and 108581			13.25	Surface and Mining Rights
TB105731	Leases 107112 and 108581			17.94	Surface and Mining Rights
TB105732	Leases 107112 and 108581			16.48	Surface and Mining Rights
TB105733	Leases 107112 and 108581			18.67	Surface and Mining Rights
TB105734	Leases 107112 and 108581			33.95	Surface and Mining Rights
TB105735	Leases 107112 and 108581			14.50	Surface and Mining Rights
TB105736	Leases 107112 and 108581			10.81	Surface and Mining Rights
TB105737	Leases 107112 and 108581			14.80	Surface and Mining Rights
TB105739	Leases 107112 and 108581			10.10	Surface and Mining Rights
TB105740	Leases 107112 and 108581			8.44	Surface and Mining Rights
TB105741	Leases 107112 and 108581			12.06	Surface and Mining Rights
TB105743	Leases 107112 and 108581			23.99	Surface and Mining Rights
TB105744	Leases 107112 and 108581			13.51	Surface and Mining Rights
TB105745	Leases 107112 and 108581			18.06	Surface and Mining Rights
TB105747	Leases 107112 and 108581			5.23	Surface and Mining Rights
TB105748	Leases 107112 and 108581			20.15	Surface and Mining Rights
TB105751	Leases 107112 and 108581			13.07	Surface and Mining Rights
TB105752	Leases 107112 and 108581			22.02	Surface and Mining Rights
TB105753	Leases 107112 and 108581			14.44	Surface and Mining Rights
TB105754	Leases 107112 and 108581			21.33	Surface and Mining Rights
TB105755	Leases 107112 and 108581			14.27	Surface and Mining Rights
TB105756	Leases 107112 and 108581			14.56	Surface and Mining Rights
TB105757	Leases 107112 and 108581			12.34	Surface and Mining Rights
TB105758	Leases 107112 and 108581			9.24	Surface and Mining Rights

Claim	Lease	MNDM Units	MNDM Hectares	Measured Hectares	Tenure
TB105759	Leases 107112 and 108581			8.77	Surface and Mining Rights
TB105760	Leases 107112 and 108581			12.16	Surface and Mining Rights
TB105761	Leases 107112 and 108581			14.74	Surface and Mining Rights
TB105763	Leases 107112 and 108581			14.63	Surface and Mining Rights
TB105764	Leases 107112 and 108581			15.87	Surface and Mining Rights
TB105765	Leases 107112 and 108581			12.92	Surface and Mining Rights
TB105766	Leases 107112 and 108581			23.15	Surface and Mining Rights
TB105767	Leases 107112 and 108581			18.11	Surface and Mining Rights
TB105769	Leases 107112 and 108581			15.89	Surface and Mining Rights
TB105770	Leases 107112 and 108581			15.21	Surface and Mining Rights
TB105771	Leases 107112 and 108581			13.95	Surface and Mining Rights
TB105772	Leases 107112 and 108581			27.74	Surface and Mining Rights
TB105775	Leases 107112 and 108581			16.10	Surface and Mining Rights
TB105776	Leases 107112 and 108581			9.28	Surface and Mining Rights
TB105777	Leases 107112 and 108581			10.16	Surface and Mining Rights
TB105778	Leases 107112 and 108581			22.06	Surface and Mining Rights
TB105781	Leases 107112 and 108581			16.85	Surface and Mining Rights
TB105782	Leases 107112 and 108581			16.27	Surface and Mining Rights
TB105783	Leases 107112 and 108581			15.05	Surface and Mining Rights
TB105784	Leases 107112 and 108581			29.21	Surface and Mining Rights
TB112769	Leases 107112 and 108581			8.19	Surface and Mining Rights
TB112774	Leases 107112 and 108581			14.21	Surface and Mining Rights
TB112775	Leases 107112 and 108581			7.51	Surface and Mining Rights
<b>Total</b>				<b>5281</b>	



**Figure B. Summary of Crown Leases and Claim Blocks that Comprise the Project site**

### **1.3 Site Plan**

A site plan for the Project site is presented as Figure 1 (attached).

### **1.4 Plans and Sections of Underground Workings**

No underground workings are proposed as part of the project.