

# Appendix A – WDL 178-03



Northern  
Territory  
Government

## WASTE DISCHARGE LICENCE

(Pursuant to section 74 of the *Water Act*)

### Licence Details

Licence Number: **WDL178-3**  
Commencement Date: **26** November 2013  
Expiry Date: 30 September 2014

### Licensee Details

Legal Entity Name: Vista Gold Australia Pty Ltd  
ABN: 12 117 327 509  
ACN: 117 327 509  
Registered Business Address: 1/4 Manning Road  
DOUBLE BAY  
NSW 2028  
Postal Address: PO Box 1467  
DOUBLE BAY  
NSW 2028  
Contact Person: Brent Murdoch  
Position Title: General Manager  
Contact Details:  
b/h: 08 8941 9105  
mobile: 0488 100 314  
fax: 08 8941 9108  
email: [bmurdoch@mttodd.com.au](mailto:bmurdoch@mttodd.com.au)

### Location of Premises

Name: Mt Todd Gold Project  
Address: Mining Lease Numbers MLN1070, 1071 and 1127  
Jatbula Road  
KATHERINE  
NT 0851

Telephone Numbers:  
b/h: 08 8975 4297  
mobile: 0418 932 063

### 24 hour emergency response

Contact Person: Mount Todd Site Manger  
Telephone Numbers:  
b/h: 08 8975 4297  
mobile: 0418 932 063

### Licensed Activity

Discharge of waste water from Retention Ponds One (RP1), Three (RP3) and Seven (RP7) on the Mount Todd mine site, which comprises Mining Lease Numbers MLN1070, 1071 and 1127, into the Edith River from the confluence of Stow Creek and Edith River, the confluence of Burrell Creek and Edith River, and the confluence of West Creek and Edith River subject to this Licence.

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## WASTE DISCHARGE LICENCE (WDL 178-2)

### INFORMATION ABOUT THIS LICENCE

#### Definitions of Terms

- A section on the definition of terms used in this Licence can be found at the end of this Licence.
- Terms used in the waste discharge licence which are defined in the *Water Act* (the Act) have the meaning given in that Act unless specifically indicated otherwise.

#### Responsibilities of Licensee

It is an offence under the *Water Act*, if the holder of a waste discharge licence contravenes or fails to comply with the conditions of a waste discharge licence.

In addition to the conditions set out in this Licence, general responsibilities of Licensees are set out in the *Waste Management and Pollution Control Act* and associated Regulations and the *Water Act*.

Licensees must comply at all times with the requirements of these Acts and all other applicable laws.

Without limiting the conditions of this Licence, in conducting the Activity, the Licensee must do all things reasonable and practicable to:

- prevent or minimise the likelihood of pollution occurring as a result of, or in connection with, the Activity;
- prevent or minimise the likelihood of environmental harm occurring as a result of, or in connection with, the Activity;
- effectively respond to pollution and the risk of pollution occurring as a result of, or in connection with, the Activity;
- effectively respond to environmental harm and the risk of environmental harm occurring as a result of or in connection with the Activity; and
- as far as practicable:
  - avoid and reduce waste produced as a result of, or in connection with the Activity;
  - increase the re-use and recycling of waste;
  - effectively manage waste disposal; and
- apply the principles of ecologically sustainable development.

#### Duration of Licence

This Licence will commence on the Commencement Date and unless it is surrendered by the Licensee or it is suspended or revoked by the Controller of Water Resources, will remain in force until the Expiry Date.

#### Amendment, Modification or Revocation of Licence (section 93 of the Water Act.)

The Controller of Water Resources may, by notice:

- amend or modify the terms and conditions of a licence;
- revoke a licence; or
- suspend a licence

as set out in section 93 of the *Water Act*.

#### Public Register

A copy of this Licence will be placed on a register in accordance with section 95 of the *Water Act*.

The register is publicly available for viewing on the NT Environment Protection Authority's (EPA) website.

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A copy of the Annual Audit and Compliance Report will also be placed on the register.

### Supporting Guidelines and Documents

This Licence has been developed based on the information provided by the Licensee in the following documentation:

- Application for Waste Discharge Licence dated September 2012 and amended 17 October 2012.
- *Mt Todd AMD Treatment: Laboratory and Field Trials of Proposed Lime Treatment Method*, Envirotech Monitoring and Micronised Mineral Solutions Pty Ltd (undated).
- *Mt Todd: Surface Water Monitoring Procedure*, June 2012.
- *Vista Gold Australia Pty Ltd, Waste Discharge Licence 178- Communication Plan*, GHD, April 2011.
- *Vista Gold Australia Pty Ltd, Mt Todd Desktop Conceptual Hydrogeological Model: Proposed Method*, GHD, March 2011.
- *Vista Gold Australia Pty Ltd Discharge Plan, Revision 1*, GHD, January 2013.
- *Vista Gold Australia Mt Todd Gold Project- Notice of Intent*, GHD, April 2011.

### Environment Protection Objectives (Part 4 of the WMPCA) and Beneficial Use Declaration (section 73 of the Water Act)

An Environment Protection Objective (EPO) is a statutory instrument to establish principles on which:

- a) environmental quality is to be maintained, enhanced, managed or protected;
- b) pollution, or environmental harm resulting from pollution, is to be assessed, prevented, reduced, controlled, rectified or cleaned up; and
- c) effective waste management is to be implemented or evaluated.

In accordance with section 18 of the WMPCA a beneficial use declaration (BUD), quality standard, criteria or objective declared under section 73 of the *Water Act* and in force is an environment protection objective for the purposes of the WMPCA.

The following EPOs and BUDs, as amended from time to time, are relevant to this Licence:

- Declared Water Quality Objective for the Edith River Surface Water: Aquatic Ecosystem Protection (Gazette Reference G23 11 June 1997).
- Groundwater Declared Area: Katherine Region Groundwater Declared Area (Gazette Reference G22 9 June 1999).

### Environmental Interests

This section highlights sensitivity of the surrounding land use and environment associated with the location of the approved activity that represents an interest to the Northern Territory Government and the community.

- Sites of Conservation Significance, SOCS Number 30.

## LICENCE CONDITIONS

### ADMINISTRATIVE

1. The Licensee must notify the NT EPA within 24 hours if there are changes to the details of the 24-hour emergency response as provided on page one of this Licence.
2. The Licensee must notify the NT EPA within 14 days if there are changes to the Licensee Details shown on page one of this Licence.
3. The Licensee must notify the NT EPA prior to making any operational change that will cause, or is



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likely to cause, an increase in the potential for environmental harm or environmental nuisance, resulting from the Licensed Activity.

4. The Licensee must cause a copy of this Licence to be available at all times:
  - 4.1. on the Licensee's Australian website;
  - 4.2. at the Location; and
  - 4.3. at the Registered business address.
5. Where this Licence requires the provision of any notice, document or other correspondence to the NT EPA, the relevant contact is:

NT EPA -Pollution Control  
Physical Address: Level 2 Darwin Plaza, 41 Smith Street Mall, Darwin NT 0800  
Postal Address: GPO Box 3675, Darwin NT 0801  
Email: [pollution@nt.gov.au](mailto:pollution@nt.gov.au)
6. All notices, documents or other correspondence required to be provided pursuant to this Licence must be provided in electronic form unless otherwise specified as a condition of this Licence.

### OPERATIONAL

7. The Licensee must, without limiting any other condition of this Licence in conducting the Activity do all things reasonable and practicable to ensure the Activity does not adversely affect the Declared Beneficial Uses and Objectives as declared from time to time, including those applying to:
  - Edith River Surface Water; and
  - Katherine Region Groundwater.
8. The Licensee must maintain and implement a communication plan which includes a strategy for communicating with members of the public who are likely to have a real interest in or be affected by the Activity.
9. The Licensee must maintain a log of each complaint, made in relation to the Activity, to any persons involved in the Activity. The log must include details of the following:
  - the date and time of the complaint;
  - the contact details of the complainant if known, or where no details are provided, a note to that effect;
  - the nature of the complaint;
  - the nature of events giving rise to the complaint;
  - prevailing weather conditions at the time of the complaint;
  - the action taken in relation to the complaint, including any follow-up contact with the complainant; and
  - if no action was taken, why no action was taken.
10. The Licensee must implement and comply with the Vista Gold Australia Pty Ltd Discharge Plan ("the Discharge Plan").

Where there is any discrepancy between the Discharge Plan and this Licence, this Licence takes precedence.
11. The Licensee must cause a copy of the current Discharge Plan to be:
  - 11.1. provided to the NT EPA; and
  - 11.2. available on the Licensee's Australian website within 10 Business days of the commencement date of this Licence or the approval of a revision of the Discharge Plan

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under condition 12 of this Licence.

12. The Licensee must cause any proposed revision of the Discharge Plan (other than typographical changes or revisions to formatting or referencing) to be:
- 12.1. submitted to the NT EPA; and
  - 12.2. approved by the Controller of Water Resources prior to implementation noting that Controller of Water Resources may require the Licensee to revise, amend and/or resubmit the proposed revision.

### DISCHARGES AND EMISSIONS

13. This Licence authorises waste water from Retention Ponds RP1, RP3 and RP7 to be discharged from the Authorised Discharge Points identified in Table 1 and Appendix 1.

Authorised Discharge Point	Description	Location (AMG Zone 53 WGS84)	
CSE	Confluence of Stow Creek and Edith River	Latitude: -14.1699° Longitude: 132.113°	Easting: 188340 Northing: 8431560
RP1E	Confluence of Burrell Creek and Edith River	Latitude: -14.1714° Longitude: 132.106°	Easting: 187698 Northing: 8431385
WCER	Confluence of West Creek and Edith River	Latitude: -14.1714° Longitude: 132.104°	Easting: 187375 Northing: 8431385

14. The Licensee must, for each wastewater source or each combination of wastewater sources, determine the Dilution Factor and Monitoring Value(s) required to achieve an 80% species level of protection at monitoring point SW4.
- The Dilution Factor and Monitoring Value(s) must be:
- 14.1. determined in accordance with the Discharge Plan using Direct Toxicity Assessment;
  - 14.2. determined prior to the first discharge for each Wet season covered by this Licence;
  - 14.3. provided to the NT EPA prior to the first discharge for each Wet season of this Licence; and
  - 14.4. made available on the Licensee's Australian website within 10 Business days of being provided to the NT EPA under condition 14.3.
15. The Licensee must apply, in accordance with the Discharge Plan, the Dilution Factor and Monitoring Value(s) provided to the NT EPA under condition 14 at monitoring point SW4.
16. The Licensee must notify the NT EPA when discharge from a wastewater source starts and stops for each discharge event authorised under this Licence by emailing [pollution@nt.gov.au](mailto:pollution@nt.gov.au).
17. Waste discharged from the Authorised Discharge Point(s) in Table 1 must not:
- contain floating oil and grease or petroleum hydrocarbon sheen or scum, or litter;
  - cause or generate odours which would adversely affect the use of surrounding waters;
  - cause algal blooms;
  - cause visible change in the behaviour of fish or other aquatic organisms; or
  - cause mortality of fish or other aquatic organisms.
18. At any time during the duration of this Licence, the Controller of Water Resources may direct the Licensee to cease discharge from a wastewater source and the Licensee must:
- 18.1. immediately comply with the Direction of the Controller of Water Resources to cease discharge; and



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18.2. comply with any further Direction of the Controller of Water Resources.

### MONITORING

19. The licensee must for all monitoring points shown in Appendix 1:
- install, maintain and provide identification signage so that they are easily identifiable at all times; and
  - maintain safe access and egress, as is reasonably practicable.
20. For each sample required to be collected as a condition of this Licence the following information must be recorded:
- the date(s) on which the sample was taken;
  - the time(s) at which the sample was collected;
  - the point(s) at which the sample was taken;
  - the name of the person who collected the sample;
  - the chain of custody forms relating to the sample(s);
  - the field measurements and/or analytical results for the sample; and
  - laboratory QA/QC documentation.
21. The Licensee must cause surface water monitoring to be conducted in accordance with APPENDIX 1.
22. The Licensee must cause biological monitoring to be conducted in accordance with the *Mt Todd Mine, Proposed Macroinvertebrate & Sediment Monitoring Plan 2013*, dated December 2012 ("Macroinvertebrate Plan") or any revision approved in accordance with Condition 25.
23. The Licensee must cause sediment monitoring to be conducted in accordance with the Macroinvertebrate Plan or any revision approved in accordance with Condition 25.
24. The Licensee must cause a copy of the current Macroinvertebrate Plan to be:
- 24.1. provided to the NT EPA; and
  - 24.2. available on the Licensee's Australian website within 10 Business days of the commencement date of this Licence or the approval of a revision of the Macroinvertebrate Plan under condition 25 of this Licence.
25. Any proposed revisions of the Macroinvertebrate Plan (other than typographical changes of revisions to formatting or referencing) must be:
- 25.1. submitted to the NT EPA for review; and
  - 25.2. approved by the Controller of Water Resources (or delegate) prior to implementation noting that the Controller of Water Resources (or delegate) may require the Licensee to revise, amend and/or resubmit the proposed revision.

### RECORDING AND REPORTING

26. All records required to be kept by this Licence must be in a legible format.
27. The Licensee must keep records of all non-compliances with conditions of this Licence.
28. In addition to any statutory obligations that may apply, the Licensee must as soon as practicable, and in any case within 24 hours after first becoming aware, notify the NT EPA of non-compliances with conditions of this Licence by emailing [pollution@nt.gov.au](mailto:pollution@nt.gov.au).
29. The Licensee must, where the rolling 7 day 80<sup>th</sup> percentile for an analyte exceeds a Monitoring Value,



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determined under condition 14 at monitoring point SW4:

- 29.1. notify the NT EPA of the exceedance, as soon as practicable, and in any case within 24 hours, after first becoming aware, by emailing [pollution@nt.gov.au](mailto:pollution@nt.gov.au); and
- 29.2. implement the *Investigation Process for Exceedance of Dilution Factors* as per APPENDIX 2; and
- 29.3. make the risk assessment report prepared in accordance with condition 29.2 available on the Licensee's Australian website within 10 Business days of providing the report to the NT EPA.

30. The Licensee must submit a periodic report to the NT EPA for each calendar month during which a discharge has occurred no later than 10 Business days after the last day of the relevant calendar month.

The periodic report must:

- 30.1. include, for each day of the month where a discharge occurred, tabulated data including:
  - the factors used to assess the Dilution Factor at SW4;
  - surface water monitoring results required under condition 21;
  - a comparison of surface water monitoring results for monitoring point SW4 with Monitoring Values determined under condition 14;
  - a comparison of surface water monitoring results for monitoring points SW2 and SW10 with applicable health guideline values from *Australian Drinking Water Guidelines* 6, 2011, Table 10.5; and
- 30.2. be made available on the Licensee's Australian website within 10 Business days of providing the report to the NT EPA.

31. The Licensee must complete the attached Annual Audit and Compliance Report (AACR), and provide it to the NT EPA not later than 20 Business days prior to the Expiry Date of this Licence noting that the NT EPA may require the Licensee to revise, amend and/or resubmit the AACR.

32. The Licensee must provide to the NT EPA by 30 September for each year of the Licence period a monitoring report.

The monitoring report must:

- 32.1. be prepared with regard to the requirements for a *Monitoring Report* identified on pages 6-15 of the document: *Guidelines for Consultants reporting on Environmental Issues* available from the NT EPA website: <http://www.ntepa.nt.gov.au/waste-and-pollution>;
- 32.2. include trend analyses, where appropriate, and interpretation of all monitoring data required as a condition of this Licence including surface water, biological and sediment monitoring;
- 32.3. be made available on the Licensee's Australian website within 10 Business days of providing the report to the NT EPA.

33. The Licensee must provide to the NT EPA not later than 20 Business days prior to the Expiry Date of this Licence the Licence Report.

The Licence Report must include:

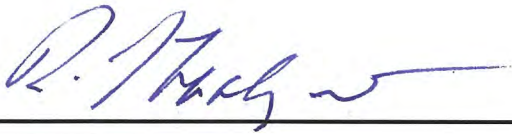
- 33.1. outcomes associated with ongoing studies including:
  - 33.1.1. results of the mixing zone modelling, mixing zone validation and mixing zone confirmation;
  - 33.1.2. results of the metal speciation modelling;
  - 33.1.3. results of the ecotoxicology testing conducted prior to the commissioning of the water treatment plant (if applicable); and
- 33.2. be made available on the Licensee's Australian website within 10 Business days of being

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33.2. be made available on the Licensee's Australian website within 10 Business days of being provided to the NT EPA.

### END OF LICENCE CONDITIONS

This Licence is not valid unless signed below:



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Rod Applegate

Controller of Water Resources

Dated the 26 / 11 / 2013

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### DEFINITIONS

All terms in the Licence which are defined in the *Water Act* have the meaning given in that Act unless otherwise or further defined in this section.

'Act'	means the Northern Territory of Australia <i>Water Act</i> .
'Activity'	means the activity licensed under this Licence described as Licensed activity on page 1 of this Licence.
'Australian Drinking Water Guidelines'	means the National Health and Medical Research Council and Natural Resource Management Ministerial Council, National Water Quality Management Strategy, <i>Australian Drinking Water Guidelines 6</i> , Published by Commonwealth of Australia, 2011.
'Business day'	means a day not Saturday, Sunday or a public holiday in Darwin or Katherine, Northern Territory.
'Beneficial Use'	means the uses of water specified in subsection (3) of the <i>Water Act</i> .
'Dilution Factor'	means the minimum volume in litres of receiving water (Edith River at SW4) into which one litre of wastewater (from RP1, RP3 or RP7; or combination relevant to multiple source discharge) can be added without causing the specified percentage species level of protection (80%) to be exceeded in the receiving water.
'emergency response plan'	means a plan to deal with emergencies that may, or have the potential to adversely impact on the environment including but not limited to fire, spills, and accidents.
'Incident'	has the meaning described in section 14 of the <i>Waste Management and Pollution Control Act</i> .
'Location'	means the Premises as described on page 1 of this Licence.
'Monitoring Value'	means the concentration of a specified analyte in wastewater (from RP1, RP3 or RP7; or combination relevant to multiple source discharge) used for direct toxicity assessments divided by the dilution factor.
'Non-Compliance'	means any failure by the Licensee to comply, in whole or in part, with any condition of this Licence regardless of the duration of the non-compliance.
'NT EPA'	means the Northern Territory Environment Protection Authority.
'records'	any written information as requested as a condition of this Licence. Any logs, registers or other documents.
'Sites of Conservation Significance'	means any site listed at: <a href="http://lrm.nt.gov.au/conservation/list">http://lrm.nt.gov.au/conservation/list</a>
'wastewater source'	means retention pond one (RP1), three (RP3) or seven (RP7) at Mt Todd Gold Mine site.
'Wet season'	means the period commencing 1 December and ending 31 March.
'WMPC Regulations'	means the <i>Waste Management and Pollution Control</i>



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*(Administration) Regulations of the Northern Territory*

'WMPCA'

means the *Waste Management and Pollution Control Act* of the Northern Territory.

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### APPENDIX 1 SURFACE WATER MONITORING

	RP1 <sup>2</sup>	RP3 <sup>2</sup>	RP7 <sup>2</sup>	SW2	SW4	SW10
	Waste rock wastewater source	Batman Pit	Tailings storage area	Edith River at bridge on Edith Falls Road	Edith River downstream of RP1 siphon (Burrell Creek) and RP1 spillway (West Creek), near boundary of mine property	Edith River at old Stuart Highway causeway
Latitude	-14.1620	-14.1388	-14.1270	-14.1718	-14.1703	-14.183
Longitude	132.1085	132.1015	132.1216	132.12	132.098	132.03
Easting <sup>1</sup>	0187843	0187055	018921	0189088	0186745	0179781
Northing <sup>1</sup>	8432432	8434993	8436326	8431347	or 8431490	8430015

Parameter	Abbreviation	Units	Frequency					
Pumping rate	Discharge Rate	L/sec	D	D	D	NR	NR	NR
River flow	Flow		NR	NR	NR	NR	D	NR
River height	Gauge height	m	NR	NR	NR	NR	D	NR
Metals and metalloids (Total or 0.45um to be determined based on final Discharge plan)								
Aluminium	Al	µg/L	D	D	D	D	D	D
Cadmium	Cd	µg/L	D	D	D	D	D	D
Cobalt	Co	µg/L	D	D	D	D	D	D
Copper	Cu	µg/L	D	D	D	D	D	D
Chromium III	Cr III	µg/L	D	D	D	D	D	D
Chromium VI	Cr VI	µg/L	D	D	D	D	D	D
Iron	Fe	µg/L	D	D	D	D	D	D
Lead	Pb	µg/L	D	D	D	D	D	D
Magnesium	Mg	mg/L	D	D	D	D	D	D
Manganese	Mn	µg/L	D	D	D	D	D	D
Mercury	Hg	µg/L	D	D	D	D	D	D
Nickel	Ni	µg/L	D	D	D	D	D	D
Zinc	Zn	µg/L	D	D	D	D	D	D
Field								
Dissolved Oxygen	DO	% saturation	D	D	D	D	D	D

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	RP1 <sup>2</sup>	RP3 <sup>2</sup>	RP7 <sup>2</sup>	SW2	SW4	SW10
	Waste rock wastewater source	Batman Pit	Tailings storage area	Edith River at bridge on Edith Falls Road	Edith River downstream of RP1 siphon (Burrell Creek) and RP1 spillway (West Creek), near boundary of mine property	Edith River at old Stuart Highway causeway
Latitude	-14.1620	-14.1388	-14.1270	-14.1718	-14.1703	-14.183
Longitude	132.1085	132.1015	132.1216	132.12	132.098	132.03
Easting <sup>1</sup>	0187843	0187055	018921	0189088	0186745	0179781
Northing <sup>1</sup>	8432432	8434993	8436326	8431347	or 8431490	8430015

Parameter	Abbreviation	Units	Frequency					
Temperature	Temp.	°C	D	D	D	D	D	D
Electrical Conductivity	EC	µS/cm	D	D	D	D	D	D
pH	pH	pH units	D	D	D	D	D	D
Environmental Indicators								
Sulphate	SO <sub>4</sub>	mg/L	D	D	D	D	D	D
Bicarbonate	HCO <sub>3</sub>	mg/L	D	D	D	D	D	D
Unfiltered Alkalinity	CaCO <sub>3</sub> )	mg/L	D	D	D	D	D	D
Hardness	Hardness CaCO <sub>3</sub>	mg/L	D	D	D	D	D	D
Total Dissolved Solids	TDS	mg/L	D	D	D	D	D	D
Total Suspended Solids	TSS	mg/L	D	D	D	D	D	D
Total Solids	TS	mg/L	D	D	D	D	D	D
Sodium	Na	mg/L	D	D	D	D	D	D
Chloride	Cl	mg/L	D	D	D	D	D	D
Calcium	Ca	mg/L	D	D	D	D	D	D
WAD Cyanide <sup>3</sup>	WAD CN	mg/L	M	M	M	M	M	M

**Key:**

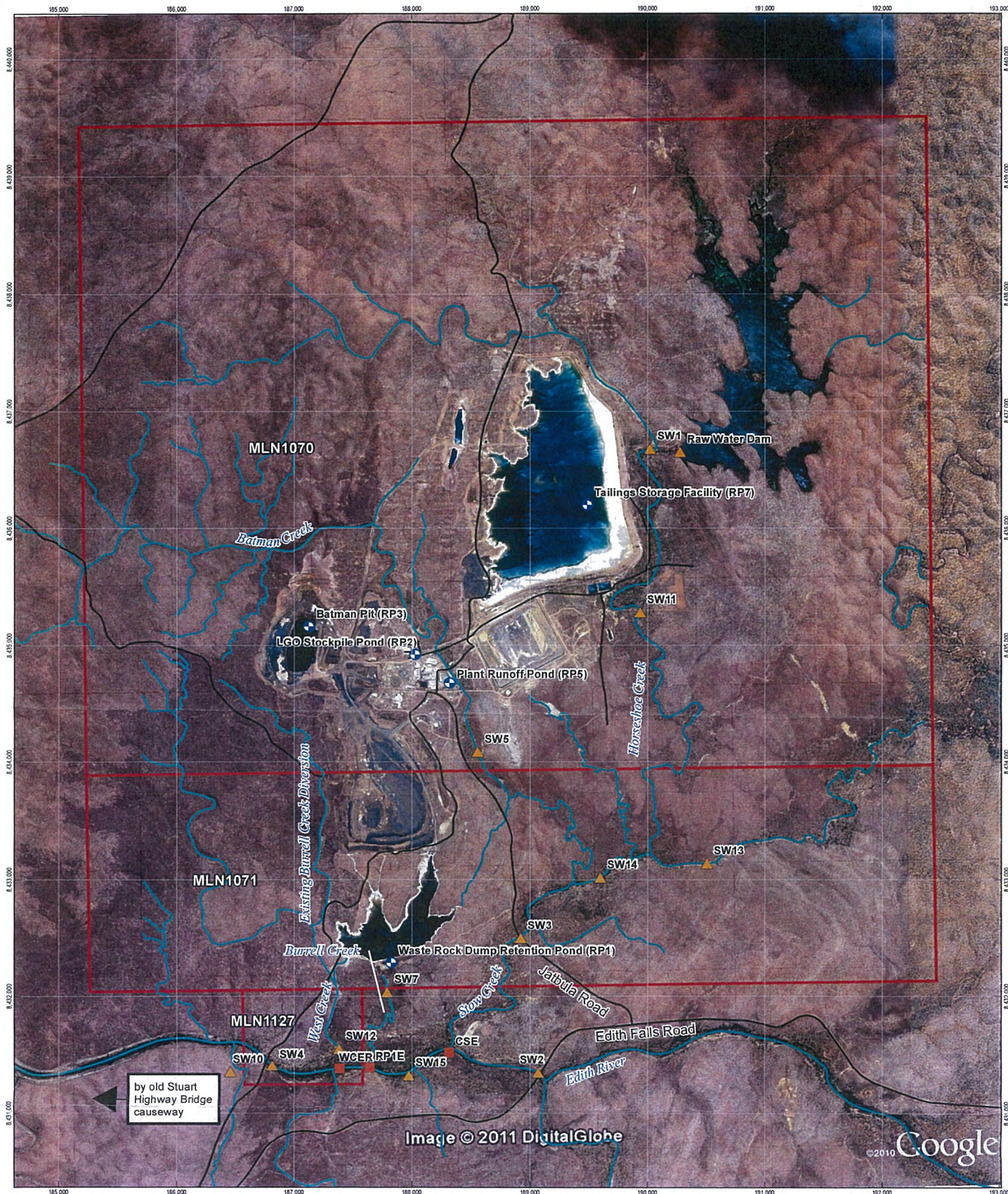
- 1: AMG Zone 53 WBS84
- 2: Frequency of monitoring retention ponds is applicable to when a retention pond is discharging e.g. if RP3 is discharging and RP1 and RP7 are not discharging, daily monitoring is not required for RP1 and RP7.
- 3: WAD Cyanide analysis is required if the result of monthly Total CN analysis (by APHA 4500-CN-C) is greater than 0.004mg/L. If required the WAD Cyanide analysis must then be conducted on the same day as the analysis for Total CN.
- NR: Not required
- D: Daily when discharging; and 1 week after the cessation of discharge; and once during the period of first flush
- M: Once per month



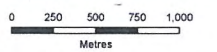
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- LEGEND**
- Impoundment Sampling Location
  - Mine to Edith River discharge point
  - Surface Water Sampling Station
  - Access Roads
  - Waterways
  - Mt Todd Mining Leases



Map Projection: Universal Transverse Mercator  
 Horizontal Datum: Geocentric Datum of Australia  
 Grid: Map Grid of Australia 1994, Zone 53



Vista Gold Australia Pty Ltd  
 Mt Todd Gold Project

Job Number | 43-21801  
 Revision | 0  
 Date | 16 Nov 2012

Location of Surface Water Sampling Figure 10-6

\\AU\Toswombal\Projects\43\21801\GIS\Maps\SurfaceWater\4321801\_807.mxd  
 ©2012. Whilst every care has been taken to prepare this map, GHD makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.  
 Data source: Google - Imagery (Date extracted: 28/03/2011) NRETAS - Mining Leases (2011) GHD - Sampling Sites, Access Roads, Waterways (2012). Created by CM







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### APPENDIX 2 INVESTIGATION PROCESS FOR EXCEEDANCE OF DILUTION FACTOR S

(Source: Vista Gold Australia Pty Ltd, Discharge Plan, Revision 1).

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