

**YUKON WATER BOARD
AMENDMENT OF LICENCE**

LICENSEE: LAST CHANCE PLACERS LTD. LICENCE: PM04-424

AMENDMENT NUMBER: 2 APPLICATION NUMBER: PM09-667

Pursuant to the *Waters Act*, Water Use Licence PM05-498 (amendment 1 of PM04-424) is hereby amended as follows:

1. **On the cover page MAXIMUM QUANTITY: 5400 cubic metres per day is hereby withdrawn and replaced by:**
MAXIMUM QUANTITY: 10,800 cubic metres per day

2. **Definition of “Application” is hereby withdrawn and replaced by:**
“Application” means application for water use licence PM04-424, PM05-498, PM09-667 and placer mining land use approval AP04424, AP05498 and any subsequent information presented to the Yukon Water Board up to the date of the Board’s decision.

3. **Definition of “Action level” is hereby appended, as follows:** “Action Level” means the end-of-pipe sediment concentrations that must not be exceeded, on average, for the life of the mining operation.

4. **Definition of “Compliance level” is hereby appended, as follows:** “Compliance Level” means a maximum end-of-pipe concentration that shall never be exceeded.

5. **Definition of “Design target” is hereby appended, as follows:** “Design Target” means the best settling facility that can be established at a placer mining operation, given the prevailing site characteristics.

6. **Clause 1 a) is hereby withdrawn and replaced by:**
 1. a) To obtain water from Last Chance Creek, 15 Pup, and Discovery Pup at a maximum combined quantity of 10,800 cubic metres per day; and

7. **Clause 5 is hereby withdrawn and replaced by:**
 5. Effluent Quality Standard: The Licensee shall comply with the Category A, Fresh Water Fisheries Production Zone effluent discharge standards for any grab sample taken at the point in the effluent flow immediately before it enters the natural stream flow, as follows:
 - a) The Design Target for effluent discharge shall be 0.2 ml/L; and
 - b) The Action Level for effluent discharge shall be 1.0 ml/L; and
 - c) The Compliance Level for effluent discharge shall be 2.5 ml/L.

All effluent discharge levels included in this licence are identified in excess of natural background concentrations in the Watercourse at the time of sampling.

8. Clause 26 d) of this licence is hereby withdrawn and replaced by:

26. d) Spring Freshet may be routed through Work Areas. When Spring Freshet is routed through Work Areas, the effluent standard of 2.5 millilitres per litre of settleable solids must be met. Where Diversion channels around working areas are built or excavated, they shall be open in preparation for Spring Freshet.

9. Clause 38 of this licence is hereby withdrawn and replaced by:

38. No condition of the water use licence limits applicability of any statutory authority.

10. Clauses 41 and 42 are appended as follows:

**PART I LAST CHANCE CREEK DIVERSION CHANNEL
CONSTRUCTION AND RESTORATION ON CLAIMS P 49430,
P 49431, P 49432, P 49433, P 49434, P 49435, P 49436, and P 49437**

- 41.** The Licensee shall adhere to the following conditions regarding construction of the Permanent Diversion on Last Chance Creek grants P 49430, P 49431, P 49432, P 49433, P 49434, P 49435, P 49436, and P 49437:
- a) The Permanent Diversion shall be built to a 1:20 flood design level.
 - b) The Permanent Diversion channel width shall be no less than 3.4 metres.
 - c) The Permanent Diversion channel depth shall be no less than 0.75 metres.
 - d) The Permanent Diversion channel grade shall be between 0.0% and 3.5%.
 - e) The bed and banks of the Permanent Diversion channel shall be left in a stable condition.
 - f) The bed and banks of any tributary (gulch or pup) of Last Chance Creek shall be left in a stable condition and shall be left in such a manner so that erosion is controlled and revegetation is possible.
 - g) Structures such as rock islands shall be provided and spaced no further than 17 metres apart.


- h) Topsoil and organic overburden or fines from washed tailings shall be spread on the graded areas on both sides of the restored channel.
 - i) Willows shall be planted along any sharp bends of the Permanent Diversion channel.
42. The Licensee shall comply with the Riparian Zone requirements for moderate – moderate zones for completed Permanent Diversion channels on Last Chance Creek grants P 49430, P 49431, P 49432, P 49433, P 49434, P 49435, P 49436, and P 49437.

11. Appendix A is hereby withdrawn and replaced by:

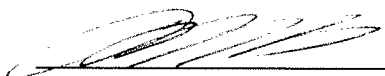
Appendix A (Grant Numbers)

37496	P 37125	P 34159	37497	P 08258	P 34158
P 08221	32515	P34156	29397	P 35827	P 34157
P 08257	P 22100	P 36731	P 36962	P 22101	P 37697
P 36963	P 22102	P 08255	34159	P 22103	P 09073
90002	P 22104	38906	00850	P 22105	P 35828
33686	P 22106	P 33929	34599	P 22107	P 33930
34596	P 22108	P 33931	42164	P 22109	34606
34560	P 22110	P 6338	P 08256	P 22111	32001
P 22112	32002	P 22113	32003	P 22114	P 08941
P 22115	P 08939	P 09072	P 43963	P 08940	P 10221
P 34160	P 36820	P 36811	P 37124	P 36812	P 49430
P 49431	P 49432	P 49433	P 49434	P 49435	P 49436
P 49437					

Approved this 9th day of
August, 2010.



 Witness



 Chairperson
 Yukon Water Board