Metcalfe, Megan MEM:EX

From: MarchukFraser, Marnie MEM:EX
Sent: Tuesday, July 12, 2016 8:45 AM
To: Brody, Margo X MEM:EX
Subject: FOI: EGM-2016-62680 Placer mining FW: Acceptable Practices for Placer Hand Mining Nov 25 2015 (2)
Attachments: Acceptable Practices for Placer Hand Mining Nov 25 2015 (2).docx

---

From: MarchukFraser, Marnie MEM:EX
Sent: Tuesday, December 15, 2015 2:18 PM
To: Messmer, Mark J MEM:EX
Subject: Acceptable Practices for Placer Hand Mining Nov 25 2015 (2)

Good to talk to you today.

BRITISH COLUMBIA | Ministry of Energy and Mines

~~Acceptable Practices for~~
~~Placer Hand Mining in British Columbia~~

Acceptable Practices for Placer Hand Mining in British Columbia

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application ~~and~~ nor obtaining a *Mines Act* permit.

A riparian setback is defined as 10 horizontal meters out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 meters from the edge of the water. See figures 1 and 2.

The following outline conditions for placer hand ~~placer~~ mining practices:

1. No hand mining activity, (including the removal of vegetation or gravel or other disturbance) may occur within ~~a~~ the riparian setback ~~area (vegetation or gravel removals or other disturbance)~~, aside from a narrow foot path to access areas on dry gravel bars that are outside the riparian setback on the gravel bar.

2. ~~Placer h~~Hand mining activity may only occur on areas outside of a riparian setback whether on a gravel bar or above the high water mark of a watercourse.

3. Excavated material from a gravel bar must not be transported away from the gravel bar for processing.

4. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback.

5. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means. Only hand tools may be used with the exception of a small portable water pump.

6. A sluice box must not be used within the flowing water of any watercourse.

7. No pay dirt may be extracted from under the water of any watercourse.

8. There must be no discharge of silt laden water into a watercourse. All water from a sluice box or high banker must be discharged into a settling pond.

9. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled to avoid the entrapment of fish should water levels fluctuate.

10. Fuel must not be stored within the high water mark or riparian setback. Fuel storage in excess of 25 litres shall have impermeable secondary storage equal to 110 % of the stored fuel volume.

11. Emergency spill kits shall be retained on site.

Formatted: Font: 16 pt

Formatted: Centered

Comment [MMF1]: Suggest this should be defined and specify what activities qualify as hand mining, perhaps in bulleted list. Consider noting we are not talking about recreational hand panning here.

Comment [MMF2]: Metre ? correct elsewhere in document if you want to change the spelling.

Comment [MMF3]: Suggest being consistent and use " hand mining" together, proceeded, or not, by "placer".

Comment [MMF4]: These essentially say the same thing. Could be combined.

Comment [MMF5]: 4 and 6 could be combined. Says the same thing as item 1.

Comment [MMF6]: Need to be defined. Does hand tools include a sluice box or high banker, if not then there is a contradiction.

Comment [MMF7]: 6 and 4 could be combined, or at least grouped together.

Comment [MMF8]: Given the significance of this statement, this could/should be item 1.

Comment [MMF9]: Shold be followed by items 4/6

Comment [MMF10]: Could be combine with 3.

Comment [MMF11]: This is in excess of Code requirements for mechanized work. I would suggest eliminating as we are suggesting they may need this much fuel, which if they are only doing hand work I suggest they do not.

Comment [MMF12]: Combine with item 10.

12. All waste shall be disposed of in a manner that provides full protection to the watercourse. Wooden toilets may be constructed a minimum of 30 meters away from the high water mark of the watercourse and must be removed and reclaimed at the end of the work season.

13. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

14. The use of suction dredging and "sniping" equipment in any watercourse~~,~~ is not permitted. Use of this equipment may only be authorized by an approved *Mines Act* permit, and may additionally require a permit under the *Water Act*.

15. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when the claim is not occupied for the purpose of conducting placer mining activity.

16. Placer claims must not be used for recreational camping or other recreational purposes and may only be occupied by the recorded holder while legitimate placer exploration activity is occurring.

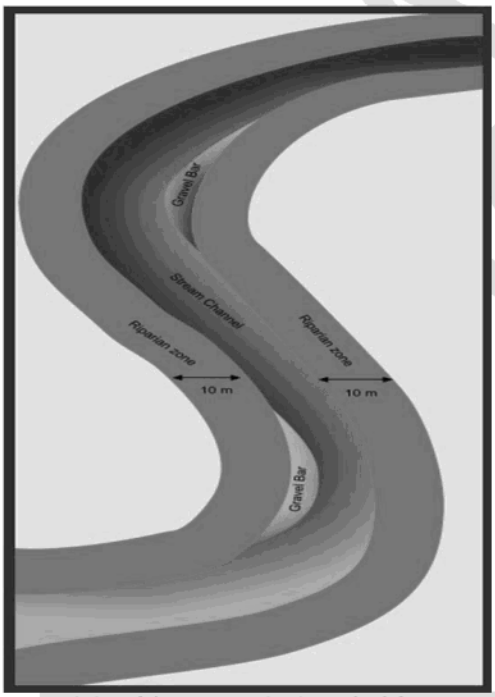


Figure 1: Depiction of the 10 meter riparian setback from a watercourse. ~~Note t~~The 10 meters is measured from the high water mark~~. above the exposed gravel bars along the banks~~

Comment [MMF13]: I suggest it is not up to MEM to state this as it is not our legislation. If any reference, I suggest starting the second sentence with "As per xxx Act, pit toilets.....

Comment [MMF14]: Strategically, do we want to highlight or promote this activity? My understanding is these activities are rarely if ever approved?

Comment [MMF15]: These items could be combined into one statement.

Comment [MMF16]: Note that the riparian zone and riparian setback are not the same thing, although they seem to be used interchangeably here/in the diagram.

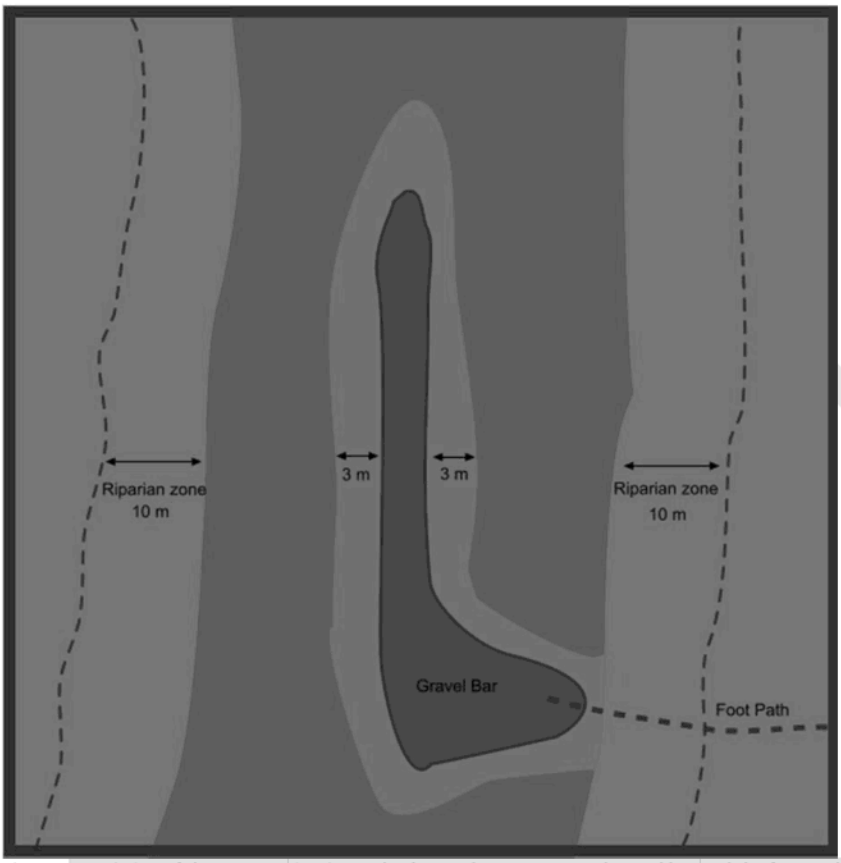


Figure 2: Depiction of the 3 meter riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 meter riparian setback along the watercourse.

Comment [MMF17]: Can an *un-vegetated* bar have a riparian zone, and therefore would there be riparian setback requirement?

Comment [MMF18]: Note that the riparian zone and riparian setback are not the same thing, although they seem to be used interchangeably here/in the diagram.

Metcalfe, Megan MEM:EX

From: MarchukFraser, Marnie MEM:EX
Sent: Tuesday, July 12, 2016 8:45 AM
To: Brody, Margo X MEM:EX
Subject: FOI: EGM-2016-62680 Placer mining FW: Information Letter No. 1 – Guide to Placer Hand Mining Acceptable Practices for Hand Mining
Attachments: Scan_20151217.pdf

From: MarchukFraser, Marnie MEM:EX
Sent: Thursday, December 17, 2015 12:24 PM
To: Messmer, Mark J MEM:EX
Subject: Information Letter No. 1 – Guide to Placer Hand Mining Acceptable Practices for Hand Mining

Hi Mark,

As promised, here is "Information Letter No. 1 – Guide to Placer Hand Mining Acceptable Practices for Hand Mining", noted to be last updated January 22, 2004.

I believe the last paragraph on page 1 references Info Letter No.6. After you've reviewed, I'd be interested in your take on whether there are any reasons to think this is not current/not accurate?

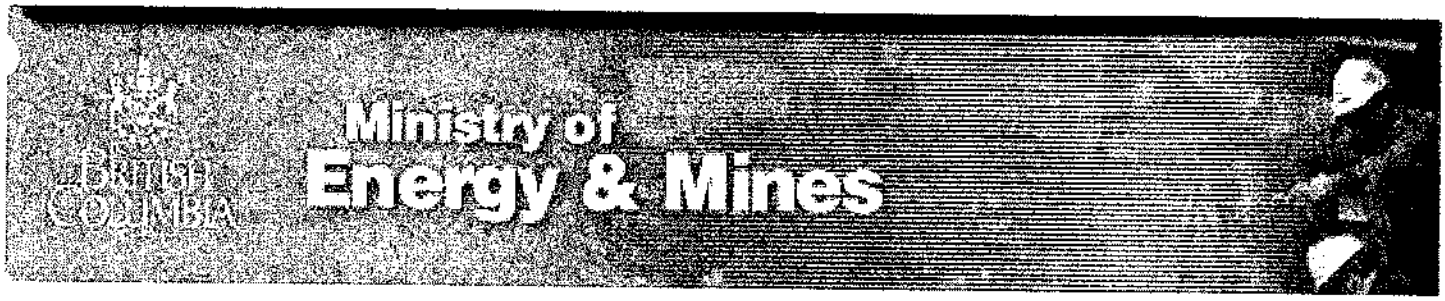
Victor knows more of the history of this information letter series than I do, but I believe they were written by knowledgeable inspectors, including from the PG Office.

I have a series of 17 such Information Letters. I don't know how many there were originally. Let me know if you want me to send you a copy of these.

Cheers,

Marnie Marchuk Fraser, P.Geo.
Inspector of Mines
Ministry of Energy and Mines
Suite 350 - 1011 4th Avenue Prince George BC V2L 3H9
Phone (250) 565-4206 Fax (250) 565-4328
Marnie.MarchukFraser@gov.bc.ca

From: MARNFRAS [mailto:Marnie.MarchukFraser@gov.bc.ca]
Sent: Thursday, December 17, 2015 11:47 AM
To: MarchukFraser, Marnie MEM:EX
Subject: Scan From



GUIDE TO PLACER HAND MINING
ACCEPTABLE PRACTICES FOR HAND MINING

Information Letter No. 1

Hand miners are permitted to operate in-the-dry on unvegetated portions of gravel bars providing that they adhere to the following conditions:

a) The term "operate in-the-dry" applies to all aspects of hand mining <u>including</u> the excavation of gravel.

b) The sluice box and settling pond must be located a minimum of 3 metres from the waters edge.

c) There must be <u>no</u> discharge of silty water into the watercourse.

d) All excavations must be levelled and contoured <u>as gravel is processed</u> in order to avoid the persistence of any depressions which might entrap fish should the water levels fluctuate.

e) The storage of fuel is <u>not</u> permitted on gravel bars or anywhere else within the 10 metre riparian buffer.

It should be noted that these additional conditions were <u>not</u> written in consideration of hand panning (i.e. no sluice box/settling pond present). In general, hand panning has very little potential to impact the fisheries resource. An exception may be in cases where the miner has the potential to disturb salmon eggs incubating within instream gravels. Fisheries and Oceans Canada (DFO) may, in some instances, require that a work window for hand panning be adhered to (i.e. hand panning site is known to have high salmon spawning habitat values).

<u>Comments on basic guidelines</u>

The additional conditions listed above all apply specifically to hand mining. Although the "Fish Habitat Protection Guidelines for Placer Mining" apply in general terms to both machine and hand mining, it is obvious that these basic guidelines were not written with the intention of detailing all permissible hand mining activities (i.e. operations in-the-dry on unvegetated portions of gravel bars). The purpose of the following comments is to further clarify how the seven (7) basic fish habitat guidelines apply to hand mining on gravel bars.

1. Forest cover and vegetation within a minimum of 10 horizontal metres of the natural boundary of any watercourse shall not be disturbed or removed.

Although hand mining is not permitted within the 10 metre wide riparian buffer, hand miners are allowed to work in-the-dry on gravel bars within the highwater marks of a stream providing that they do **not disturb any vegetation** (i.e. grass, shrubs, etc...) on these gravel bars. It is preferred that hand miners restrict their activities to unvegetated gravel bars.

2. Gravel and other material shall not be displaced, or removed from, within a stream channel or within minimum 10 horizontal metres of the natural boundary of any watercourse.

Hand miners are allowed to process gravel from a gravel bar only with the use of a sluice box located on the same gravel bar and **cannot transport this gravel outside of the highwater marks of the stream**. Furthermore, gravel must be returned as promptly as possible to the site of excavation so that any depressions can be properly levelled and contoured.

3. Machinery or equipment shall not be operated within the wetted stream perimeter of any watercourse and all stream crossings by mechanical equipment must receive prior approval.

Some limited machinery/equipment can be operated within the highwater marks of the stream but this **machinery/equipment must only be used in-the-dry**. This machinery/equipment is expected to consist of nothing much more than a shovel, bucket and sluice box with or without a pump. Working on gravel bars within the highwater marks of the stream does not give the miner permission approval to affect any portions of the wetted stream. Permission is required for the use of any motorized vehicles (i.e. quads) for crossing the stream.

4. Neither tailings nor any part of any tailings pond or settling pond shall be located within 10 horizontal metres of any watercourse, and where water infiltrates to ground, this must not result in the entry of suspended solids into watercourses downstream of the operation.

For hand mining, which entails work in-the-dry within the highwater marks of a stream, the **sluice box and settling pond must be located a minimum of 3 metres away from the waters edge on the gravel bar**.

5a. Every effort shall be made to minimize the impacts of access development and mining operations on fisheries and wildlife habitats, and to maximize the opportunity to reclaim mine site upon abandonment.

It is expected that the only visible impact within or adjacent to a stream as a consequence of a hand mining operation will be a narrow path through the riparian buffer for gravel bar access. Hand miners, especially in situations where there are multiple camp residents, must ensure that
their campsites have no impact on fish habitat.

5b. Forest cover, topsoil and debris shall be disposed of in such a manner as to prevent their entry into any watercourse, defined as any stream, lake, pond, river, creek, spring, ravine or swamp.

The only apparent forest cover, topsoil or debris disposal issues associated with hand mining concern campsites. Hand miners must address these concerns through the pursuance of disposal strategies which provide full protection to the stream.

5c. All mined or otherwise disturbed ground surfaces, including cutbanks, fill slopes and tailings piles, shall be stabilized annually by contouring and revegetating to prevent erosion and surface run-off from carrying sediment into adjacent watercourses.

In the case of hand mining, mined areas should not be an issue relative to stabilization concerns. Other than **levelling and contouring mined surfaces** (i.e. refilling in gravel bar excavations), is unlikely that hand miners will need to pursue any stabilization works. This is, of course, assuming that there are no significant campsite concerns which need to be addressed.

6. Location for storage of fuels shall be sited and designed in a manner which will prevent any spillage entering any watercourse. Fuel storage in excess of 25 litres shall be located on an impermeable base within a berm of sufficient height to fully contain any spillage.

As with machine mining, the storage of fuel is not permitted within the 10 metre riparian buffer. Fuel storage is definitely not permitted on gravel bars. It should be noted that hand miners may be required to transport small quantities (i.e. less than 5 litres) of fuel onto a gravel bar for refuelling of their pump. This must be conducted in a manner which will prevent any spillage from entering the stream. Fuel storage in excess of 25 litres (i.e. at the campsite) must follow the aforementioned guideline (i.e. impermeable base with a berm of sufficient height to accommodate 115% of container capacity).

7. Water intakes shall be screened in accordance with specifications provided by DFO to prevent the entry of fish.

The same water intake screening specifications which apply to machine mining must be followed by hand miners. The general guideline is that the clear openings of the screen (space between strands) shall not exceed 0.10 (3/32) of an inch. The recommended screen is 8 strands per lineal inch, square-mesh wire cloth with .028 or .025 inch diameter wire. Locating the water intake in a plastic bucket with screened windows is a suitable screening technique for hand mining.

CONCLUSION

Although there is a relatively low risk to fish and fish habitat associated with hand mining, at least in comparison to machine mining, it is still essential that all of the conditions/guidelines which apply specifically to hand mining are properly adhered to. Many streams have the potential for large numbers of active hand miners and this raises the risks for measurable cumulative impacts to fish and fish habitat.

It is hoped that the preceding information has properly clarified acceptable practices for hand mining. Adherence to the conditions/guidelines discussed within this document will provide protect to fish and fish habitat and help placer miners comply with the Fisheries Act.

Questions regarding these guidelines or any other DFO matter should be directed towards the nearest DFO office. A full listing of Pacific Region office locations is available at the following Web address: http://www.pac.dfo-mpo.gc.ca/pages/offices_e.htm. Several local offices are listed below.

Prince George
3690 Massey Drive
Prince George, BC
V2N 2S8
250-561-5366

Quesnel
1205 N. Caribou Hwy 97
Quesnel, BC
V2J 2Y3
250-992-2434

Williams Lake
310A N. Boundary
Williams Lk. BC
V2G 2Y7
250-398-6544

Questions regarding Notice of Work applications, approvals and permits should be directed towards the nearest Mining Operations Branch office.

Northeast - Central Region
350-1011 4th Ave.
Prince George, BC
V2L 3H9
250-565-4240

Kootenay Region
2nd Floor, 42 - 8th Ave.
South Cranbrook, BC
V1C 2K3
250-426-1557

South - Central Region
162 Oriole Rd.
Kamloops, BC
V2C 4n7
250-371-6051

Northwest Region
3793 Alfred Ave.
Smithers, BC
V0J 2N0
250-847-7383

Southwest Region
4th floor, 1810 Blanshard St.
Victoria, BC
V8T 4J1
250-952-0495

For further information on mine permitting go to **www.em.gov.bc.ca**

This document is a revision of Department of Fisheries and Oceans' "Fish Habitat Protection Guidelines for Placer Mining, Acceptable Practices for Hand Mining"

Oostlander, Rob MEM:EX

From: Samuelson, Karen E MEM:EX
Sent: Tuesday, March 8, 2016 12:09 PM
To: MEM MT
Subject: website: Informaiton Updates #8, #38

All,

The branch website has been updated for 2 Information Updates.

#8 – revised
#38 – new

The News, Notices and Announcements page reflects this update.

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements

Please review the information any questions for these 2 Info Updates can be directed to Andrew, Bev or Northern Chris (Newell ☺)

Karen Samuelson
Manager, Data and Information Management
Mineral Titles Branch
Ministry of Energy and Mines
300-865 Hornby Street, Vancouver, BC
karen.samuelson@gov.bc.ca | phone: 604-660-1619 | fax: 604-660-2653

Branch website: http://www.MineralTitles.gov.bc.ca
GIS Information: http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/data-gis

Kositsin, Chris MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Sunday, March 13, 2016 11:59 AM
To: 'Bruce Chaytor'
Cc: s.22

Subject: RE: Information bulletin #38

Hi Bruce,

Information Update 38 was drafted with input from a number of MEM staff across the province and was reviewed by the Deputy Chief Inspector of Mines.

Mineral Titles Branch receives a steady stream of inquiries from free miners and recorded holders of placer claims about what they can do on their placer claims, and whether or not they need a permit to do what they are proposing. As well, compliance and enforcement staff from FLNRO and MOE have been requesting MEM to clarify hand placer mining activities that may be conducted in the absence of Mines Act permit.

Recreational hand panning, as per section 9 of the Mineral Tenure Act, may only be conducted away from areas where a valid mineral title exists, or on a mineral title with permission of the recorded holder.

A person who is a free miner and conducts placer mining activity on their claim(s) is not considered to be engaging in a recreational activity. Information update 38 guidelines defines the placer mining activities that recorded holders can engage in on their claims. If a recorded holder want to engage in recreational hand panning they may do so off their mineral titles, or on someone else's mineral title with permission of the recorded holder of the title.

Hand panning is defined in section 1 of the Mineral Tenure Act. Donning a wet suit and engaging in sniping, or use of any equipment within a watercourse other than a hand pan, a shovel, and a metal detector, is not consistent with the definition of recreational hand panning, and is also not permitted as per the hand placer mining guidelines in info update 38.

The hand placer mining guidelines are to inform recorded holders of placer titles, what they can do on their placer titles without having to apply for a notice of work/mines act permit.

In light of your comments, we will review information update number 2 to ensure it is clear on all these points.

I have copied your note to the Chief Gold Commissioner and to all the Regional Health Safety and Permitting Branch Directors for their information.

If you have any further questions or would like to discuss, please contact me anytime.

Thanks,
Mark

_____
Mark Messmer

Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: Bruce Chaytor s.22
Sent: Thursday, March 10, 2016 10:44 PM
To: Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Information bulletin #38

s.22

Bruce Chaytor President BCPMA

Kositsin, Chris MEM:EX

From: Kositsin, Chris MEM:EX
Sent: Monday, March 14, 2016 1:18 PM
To: s.22
Subject: RE: Information Update No. 38

s.22

Thank you for your email regarding the use of the Gold Cube with a trommel.

Any type of equipment that is motorized may require a permit under the *Mines Act*. You can apply for a permit, also called a Notice of Work, through the FrontCounterBC website (http://www.frontcounterbc.gov.bc.ca/). From what little I understand of this type of equipment, you probably will need a permit.

Please do not hesitate to contact me if you have any further questions.

Chris Kositsin
Manager, Mineral Titles Registry
Mineral Titles Branch
300-865 Hornby Street
Vancouver BC V6Z 2G3
Phone: (604) 660-6723
Fax: (604) 660-2653

Mineral Titles: www.MineralTitles.gov.bc.ca
Mineral Titles Email: Mineral.Titles@gov.bc.ca
Mineral Titles - Toll Free: 1-866-616-4999

MTO Information: www.MineralTitles.gov.bc.ca/mto/Pages/default.aspx
MTO E-Service: www.mtonline.gov.bc.ca/

From: s.22
Sent: Monday, March 14, 2016 9:12 AM
To: Kositsin, Chris MEM:EX
Subject: Information Update No. 38

Hi Chris,

I just read the "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.

I use a Gold Cube with a small 5" dia trommel 16” long attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it’s not something I built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel.

My question is this, does the rule change really include the use of a small trommel such as the one made for the Gold Cube?

I have read on some of the prospecting forums online (unofficially) that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a permit to use a small 12V Gold Cube trommel?

I can send you a picture if you are not familiar with the Gold Cube Trommel.

Pictures are also available on the internet.

Please advise how I can use my Gold Cube with Trommel on my claim.

Thank you,
s.22

Kositsin, Chris MEM:EX

From: Mineral Titles Branch MEM:EX
Sent: Monday, March 14, 2016 8:17 AM
To: s.22
Subject: RE: cannot contain any moving parts driven by mechanical means

Hi s.22

Thanks for the email.

Please contact the Health, Safety and Permitting Branch regarding permits for this type of work.

http://dir.gov.bc.ca/gtds.cgi?show=Branch&organizationCode=MEM&organizationalUnitCode=HSPB Here is a link to the different contacts for permits.

Contact the office nearest to your claim.

Thanks,

Christy Cattermole
Ministry of Energy and Mines
Mineral Titles Branch
Telephone 1-866-616-4999
Email mineral.titles@gov.bc.ca

From: s.22
Sent: Friday, March 11, 2016 6:15 PM
To: Mineral Titles Branch MEM:EX
Subject: cannot contain any moving parts driven by mechanical means

Hi,

I just read your "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.

I use a Gold Cube with a small 5" dia trommel attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it's not something I built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel. My question is this, is the rule change really inclusive of a small trommel such as the one made for the Gold Cube?

I have read that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a permit to use a small 12V Gold Cube trommel?

I can send you a picture if you are not familiar with the Gold Cube Trommel.

Pictures are also available on the internet.

Please advise how I can use my Gold Cube with Trommel on my claim.

Thank you,
s.22

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Cc:	Samuelson, Karen E MEM:EX
Subject:	RE: IU 38
Date:	Thursday, March 17, 2016 2:15:39 PM

I think no. If you get questions, just say we are reviewing it and hope to have an updated version of it posted very soon.

From: Quist, Bev MEM:EX
Sent: Thursday, March 17, 2016 2:03 PM
To: Messmer, Mark J MEM:EX
Subject: IU 38

IU 38 seems to be circulating fairly rapidly despite being taken off the website. Do we want to post a note on the webpage? Something to the effect of:

"Information Update no. 38 (Acceptable Practices for Placer Hand Mining in British Columbia) has been removed from the website for the time being to ensure that it is in compliance with the recently published *Water Sustainability Act*. Please continue with your current practices until the document is revised"

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX
Cc:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	Fwd: FYI FW: WSA Review
Date:	Thursday, March 17, 2016 3:01:21 PM

Sent from my iPhone

Begin forwarded message:

From: "Britton, Jim MEM:EX" <Jim.Britton@gov.bc.ca>
Date: March 17, 2016 at 2:54:55 PM PDT
To: "Quist, Bev MEM:EX" <Bev.Quist@gov.bc.ca>
Subject: FYI FW: WSA Review

Comments from Glen H in KB region

From: Katay, Fiona MEM:EX
Sent: Thursday, March 17, 2016 2:47 PM
To: Kyba, Jeff MEM:EX; Jago, Paul MEM:EX; Britton, Jim MEM:EX; Northcote, Bruce MEM:EX
Subject: FW: WSA Review
***Fiona Katay, P.Geo** / Regional Geologist / Kootenay-Boundary*

From: Hendrickson, Glen MEM:EX
Sent: Wednesday, March 2, 2016 3:26 PM
To: Hoffman, Al MEM:EX; Cullen, Heather J MEM:EX; Adams, Rick MEM:EX; Dunkley, Jim R MEM:EX; Wagar, Kathie L MEM:EX; Davies, Howard MEM:EX
Cc: McKechnie, Nicole FLNR:EX
Subject: FW: WSA Review

Al,

I have reviewed the Water Sustainability Act (WSA), the WSA Regulation (WSAR) and the WSA Fee Regulation (WSAFR) with Water Stewardship staff and considered impacts to staff dealing with Mineral Exploration. There are separate issues with placer in particular that will need to be reviewed and resolved.

The impact to staff dealing with exploration is primarily on what guidance we give to clients prior to and during the permitting process. At this early stage in the implementation of the WSA, it is unclear whether exploration drilling will require application (with fees) and authorization (including rental fees). The lack of clarity stems from the WSA definition of “prospecting for a mineral”. It does appear that exploration drilling falls outside of the definition of “prospecting for a mineral” and will require authorization under WSA, however, there is provision for “prospecting for mineral” to be done “in a prescribed manner” which is not defined in the WSA or the WSAR. There may be opportunity for MEM to work with MoE policy to include exploration drilling with a *Mines Act* permit in the definition of “a prescribed manner”. Ie an additional WSAR?

I am pursuing further clarification through the Water Protection and Sustainability Branch to ensure we have answer soon. It is important that we bundle authorizations and carry out coordinated consultation where ever possible to avoid delays for proponents. There is further discussion on this point below in points 2

and 3.
Aside from the authorization issue on use of water for exploration drilling, it appears that the exemption for MA permit holders to provide notification for works in and about a stream are still in place. Also fortunately, the WSA still considers the NoW to constitute the notice of change as the WA did previously. For background on the points above, please see the detailed discussion and references from the WA and WSA below.

1. **Works in and about a stream:**

   44 (3) For the purposes of section 9 (2) of the Act, a change may be made in and about a stream by a person who holds a permit under section 10 of the *Mines Act*, without obtaining an approval or licence, if the person complies with
   (a) Part 9 of the Health, Safety and Reclamation Code for Mines in British Columbia, and
   (b) all conditions in the permit respecting changes in and about the stream.
   (4) For the purposes of section 40, an application for a permit to carry out exploration activities under section 10 of the *Mines Act* constitutes notice of the change.

This ability has been retained with the only change being that the section comes in 39 (3) of the Water Sustainability Act.

WSA:

39 (3) For the purposes of section 9 (2) of the Act, a change may be made in and about a stream by a person who holds a permit under section 10 of the *Mines Act*, without obtaining an approval or licence, if the person complies with
(a) Part 9 of the Health, Safety and Reclamation Code for Mines in British Columbia, and
(b) all conditions in the permit respecting changes in and about the stream.
(4) For the purposes of section 40, an application for a permit to carry out exploration activities under section 10 of the *Mines Act* constitutes notice of the change.

<!--[if !supportLists]-->**2.** <!--[endif]-->**Use of water from un-recorded sources:**

WA:

Right to use unrecorded water

42 (2) It is not an offence for a person to divert unrecorded water for domestic purpose or for prospecting for mineral, but in a prosecution under this Act the person diverting the water must prove that the water is unrecorded.

The key to this section was that they did not define “prospecting” and so MEM was using this term to include exploration drilling.

In the WSA, similar provisions exist:

6 (3) Unless regulations under section 135 (5) *[regulations closing or restricting access to water source]* provide otherwise**,** a person is not prohibited from diverting, in accordance with any applicable regulations, and beneficially using unrecorded water
(a) from a stream for domestic purpose or for prospecting for a mineral, or
(b) from an aquifer for prospecting for a mineral.

Key is that the WSA has been defined “prospecting for a mineral” as the following:

"prospecting for a mineral" means searching for a mineral
(a) using hand-held tools in a manner that does not involve mechanical disturbance of the surface, or
(b) in a prescribed manner;
What we do not know at this time is what the definition of b) in a "prescribed manner" is, this term is not referenced further in the WSA or in the WSA-R. MEM policy/directors may be able to canvas for a definition that includes exploration drilling as prescribed in their MA permit?

<!--[if !supportLists]--**>3.** <!--[endif]--**><u>Required Authorizations and Fees in the WSAFR</u>**

The definition of "prospecting for a mineral" and for "mining purpose" leave me wondering where exploration drilling fits in the requirement for application and authorization under WSA and the WSAR.
In a discussion this morning with the Comptroller of Water Rights, it was implied that exploration drilling is an "Industrial Activity" requiring authorization under WSA. The only statement in the WSAR that could apply to exploration is that Schedule A of the WSAR defines "Miscellaneous Industrial Activity" as the impoundment of water in a settling pond for sediment control. If this definition holds, then exploration drilling would be subject to the application fees and rentals that apply to Miscellaneous Industrial Activities. This means application fees of $1000, $500 for an amendment and rental fees of a $200 flat rate per calendar year. Staff would want to be sure to identify to applicants, the need to apply for WSA approval along with their NoW for bundling in consultation and referral if possible.

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX
Cc:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	RE: FYI FW: WSA Review
Date:	Thursday, March 17, 2016 3:06:12 PM

Good sleuthing.

From: Quist, Bev MEM:EX
Sent: Thursday, March 17, 2016 3:01 PM
To: Messmer, Mark J MEM:EX
Cc: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: Fwd: FYI FW: WSA Review

Sent from my iPhone

Begin forwarded message:

From: "Britton, Jim MEM:EX" <Jim.Britton@gov.bc.ca>
Date: March 17, 2016 at 2:54:55 PM PDT
To: "Quist, Bev MEM:EX" <Bev.Quist@gov.bc.ca>
Subject: FYI FW: WSA Review

Comments from Glen H in KB region

From: Katay, Fiona MEM:EX
Sent: Thursday, March 17, 2016 2:47 PM
To: Kyba, Jeff MEM:EX; Jago, Paul MEM:EX; Britton, Jim MEM:EX; Northcote, Bruce MEM:EX
Subject: FW: WSA Review
Fiona Katay, P.Geo */ Regional Geologist / Kootenay-Boundary*

From: Hendrickson, Glen MEM:EX
Sent: Wednesday, March 2, 2016 3:26 PM
To: Hoffman, Al MEM:EX; Cullen, Heather J MEM:EX; Adams, Rick MEM:EX; Dunkley, Jim R MEM:EX; Wagar, Kathie L MEM:EX; Davies, Howard MEM:EX
Cc: McKechnie, Nicole FLNR:EX
Subject: FW: WSA Review

Al,

I have reviewed the Water Sustainability Act (WSA), the WSA Regulation (WSAR) and the WSA Fee Regulation (WSAFR) with Water Stewardship staff and considered impacts to staff dealing with Mineral Exploration. There are separate issues with placer in particular that will need to be reviewed and resolved.

The impact to staff dealing with exploration is primarily on what guidance we give to clients prior to and during the permitting process. At this early stage in the implementation of the WSA, it is unclear whether exploration drilling will require application (with fees) and authorization (including rental fees). The lack of clarity stems from the WSA definition of “prospecting for a mineral”. It does appear that exploration drilling falls outside of the definition of “prospecting for a mineral” and will require authorization under WSA, however, there is provision for “prospecting for mineral” to be done “in a prescribed manner” which is not defined in the WSA or the WSAR. There may be opportunity for MEM to work with MoE policy to include exploration drilling with a *Mines Act* permit in the definition of “a prescribed manner”. Ie an additional WSAR?

I am pursuing further clarification through the Water Protection and Sustainability Branch to ensure we have answer soon. It is important that we bundle authorizations and carry out coordinated consultation where ever possible to avoid delays for proponents. There is further discussion on this point below in points 2 and 3.

Aside from the authorization issue on use of water for exploration drilling, it appears that the exemption for MA permit holders to provide notification for works in and about a stream are still in place. Also fortunately, the WSA still considers the NoW to constitute the notice of change as the WA did previously. For background on the points above, please see the detailed discussion and references from the WA and WSA below.

1. **Works in and about a stream:**

   44 (3) For the purposes of section 9 (2) of the Act, a change may be made in and about a stream by a person who holds a permit under section 10 of the *Mines Act*, without obtaining an approval or licence, if the person complies with

   (a) Part 9 of the Health, Safety and Reclamation Code for Mines in British Columbia, and

   (b) all conditions in the permit respecting changes in and about the stream.

   (4) For the purposes of section 40, an application for a permit to carry out exploration activities under section 10 of the *Mines Act* constitutes notice of the change.

This ability has been retained with the only change being that the section comes in 39 (3) of the Water Sustainability Act.

WSA:

39 (3) For the purposes of section 9 (2) of the Act, a change may be made in and about a stream by a person who holds a permit under section 10 of the *Mines Act*, without obtaining an approval or licence, if the person complies with

(a) Part 9 of the Health, Safety and Reclamation Code for Mines in British Columbia, and

(b) all conditions in the permit respecting changes in and about the stream.

(4) For the purposes of section 40, an application for a permit to carry out exploration activities under section 10 of the *Mines Act* constitutes notice of the change.

2. **Use of water from un-recorded sources:**

   WA:

   Right to use unrecorded water

   42 (2) It is not an offence for a person to divert unrecorded water for domestic purpose or for prospecting for mineral, but in a prosecution under this Act the person diverting the water must prove that the water is unrecorded.

   The key to this section was that they did not define “prospecting” and so MEM was using this term to include exploration drilling.

In the WSA, similar provisions exist:

6 (3) Unless regulations under section 135 (5) *[regulations closing or restricting access to water source]* provide otherwise**,** a person is not prohibited from diverting, in accordance with any applicable regulations, and beneficially using unrecorded water

(a) from a stream for domestic purpose or for prospecting for a mineral, or

(b) from an aquifer for prospecting for a mineral.

Key is that the WSA has been defined "prospecting for a mineral" as the following:

"prospecting for a mineral" means searching for a mineral

(a) using hand-held tools in a manner that does not involve mechanical disturbance of the surface, or

(b) in a prescribed manner;

What we do not know at this time is what the definition of b) in a "prescribed manner" is, this term is not referenced further in the WSA or in the WSA-R. MEM policy/directors may be able to canvas for a definition that includes exploration drilling as prescribed in their MA permit?

3. **<u>Required Authorizations and Fees in the WSAFR</u>**

The definition of "prospecting for a mineral" and for "mining purpose" leave me wondering where exploration drilling fits in the requirement for application and authorization under WSA and the WSAR.

In a discussion this morning with the Comptroller of Water Rights, it was implied that exploration drilling is an "Industrial Activity" requiring authorization under WSA. The only statement in the WSAR that could apply to exploration is that Schedule A of the WSAR defines "Miscellaneous Industrial Activity" as the impoundment of water in a settling pond for sediment control. If this definition holds, then exploration drilling would be subject to the application fees and rentals that apply to Miscellaneous Industrial Activities. This means application fees of $1000, $500 for an amendment and rental fees of a $200 flat rate per calendar year. Staff would want to be sure to identify to applicants, the need to apply for WSA approval along with their NoW for bundling in consultation and referral if possible.

Glen Hendrickson

Senior Inspector of Mines, Permitting

Southeast Region

Ministry of Energy and Mines

Phone: 250.426.1705

Kositsin, Chris MEM:EX

From: Mineral Titles Branch MEM:EX
Sent: Wednesday, March 30, 2016 3:46 PM
To: 'gold@yukondan.com'
Subject: RE: Information update 38

Hi Dan Moore,

Thanks for the email.

Here is a link to the Information Updates http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates

There is no Information Update #38 so I am not sure where you received this information.

Information Update #2 is on recreational handpanning for placer minerals which was revised November 4, 2015.

Please read our information update and if you still have questions feel free to respond.

Thanks,

Christy Cattermole
Ministry of Energy and Mines
Mineral Titles Branch
Telephone 1-866-616-4999
Email mineral.titles@gov.bc.ca

-----Original Message-----
From: Dan Moore (aka Yukon Dan) [mailto:gold@yukondan.com]
Sent: Wednesday, March 30, 2016 3:19 PM
To: Mineral Titles Branch MEM:EX
Subject: Information update 38

My name is Dan Moore & I go to many schools teaching about our Canadian Heritage, mostly about the Fraser River Barkerville Gold Rushes.

Many students & adults ask me about recreational gold panning & I need to be brought up to speed on any changes the government will be doing to hand panning in our waters in BC.

I'm very interested to know about these changes on recreational panning reserves related to Information update 38

For what I read & correct me if I'm wrong...

You now are NOT ALLOWED to do recreational gold panning directly in any river or creek ?

If your in Yale on the Fraser River at the panning reserve you now are not allowed to dig in the dirt unless its after 10 meters from the waters edge ?

You now cannot not dig around boulders which is sniping on any gravel bar ?

If you are in Yale doing recreational gold panning or in any recreational area are you allowed to take the water out of the river & pan in a tub ?

I greatly appreciate hearing from you so I can steer the new recreational panners in the right direction.

Thanks

Dan

Dan Moore aka Yukon Dan
Website: www.yukondan.com
Email: gold@yukondan.com
Phone#: 604-948-4941

Pope, Rue MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Thursday, March 31, 2016 10:30 AM
To: Dunkley, Jim R MEM:EX
Subject: RE: final update - placer hand mining guide

Hi Jim

Yes and No. We did post this as a new information update on our webpage, but decided to take it down to resolve a couple questions.

As it stands right now, the hand placer mining guidelines prohibit ALL placer mining activity in a watercourse and in the riparian setbacks, including hand panning, which may not have been the intention, since it would prohibit all stream sediment testing.

Also, the new Water Sustainability Act may require a permit for use of water for placer mining. Do you know anything about this?

Until there is clarity on these two points, we won't be posting anything.

Cheers,
Mark

From: Dunkley, Jim R MEM:EX
Sent: Thursday, March 31, 2016 9:57 AM
To: Messmer, Mark J MEM:EX
Subject: RE: final update - placer hand mining guide

Good morning Mark,

Did this ever get finalized?

Jim

From: Messmer, Mark J MEM:EX
Sent: Thursday, January 21, 2016 6:49 PM
To: Cullen, Heather J MEM:EX; Wagar, Kathie L MEM:EX; Adams, Rick MEM:EX; Dunkley, Jim R MEM:EX; Davies, Howard MEM:EX
Cc: Howe, Diane J MEM:EX
Subject: final update - placer hand mining guide

Hi All,

Attached is what I am hoping is the very final draft of the "Acceptable Practices for Placer Hand Mining in BC".

We had excellent input from Marnie Marchuk-Fraser, Rick Adams, Gerald Crawford, Grant Feldinger, Chris Newell and Bev Quist, and possibly others that I am not aware of, as Bev and Chris did much of the leg work.

The only remaining question I have is, where would you like this document to live on the MEM web pages?

I have no strong preferences, but as a suggestion, it could become a MT information update report.

The MT info update reports live here.
http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates

The final posted copy will be a protected pdf, and before it is posted on the web, I will run it past GPCE as well.

Let me know!

Thanks to all,
Mark

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: Upper, Andrew MEM:EX
To: Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: FW: Call for Records EGM-2016-61290 Due April 6, 2016 Analyst Tyler Barbon
Date: Thursday, March 31, 2016 11:43:02 AM

Chris/Bev:

An FOI has been submitted concerning the development of IU # 38 and the update of IU #8. I don't think any action is immediately required at this time, but it wouldn't hurt to further organize and compile information in anticipate of the FOI proceeding.

Please let me know if you have any questions.

Andrew

From: Kositsin, Chris MEM:EX
Sent: Wednesday, March 30, 2016 3:27 PM
To: Beaton, Nicole M MEM:EX; Mah-Paulson, May MEM:EX; Marshall, Rhonda MEM:EX; Messmer, Mark J MEM:EX; Samuelson, Karen E MEM:EX; Smith, Chris MEM:EX; Stone, Kim MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Call for Records EGM-2016-61290 Due April 6, 2016 Analyst Tyler Barbon

Nicole,

I have documents.

To All - I have created a folder on the G drive to capture the various documents that you might have.

s.15

Chris Kositsin

From: Beaton, Nicole M MEM:EX
Sent: Wednesday, March 30, 2016 9:47 AM
To: Kositsin, Chris MEM:EX; Mah-Paulson, May MEM:EX; Marshall, Rhonda MEM:EX; Messmer, Mark J MEM:EX; Samuelson, Karen E MEM:EX; Smith, Chris MEM:EX; Stone, Kim MEM:EX; Upper, Andrew MEM:EX
Subject: FW: Call for Records EGM-2016-61290 Due April 6, 2016 Analyst Tyler Barbon
Importance: High

Hello there,

Please see the following request in red regarding this latest FOI request. Can you please provide me with a YES or NO as to whether you have records by **Tuesday, April 5, 2016.** If your search will take longer than three hours and or 200 pages to search and gather records, Megan will need to know by **12 pm today (or shortly thereafter).**

Please see the attached call for records request:

Any/all records and correspondence including emails, briefing notes, meeting minutes, consultation reports, etc., relating to Mineral Titles Information update 8 and/or Information update 38 as posted March 7th and 8th to the government website at http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates *(Date Range for Record Search: From 10/01/2015 To 03/11/2016) – Date Format: MM/DD/YYYY*

Thank you,

Nicole

Nicole Beaton | Branch Coordinator | Mineral Titles | MEM | 250 952-0508

From: Beaton, Nicole M MEM:EX
Sent: Wednesday, March 30, 2016 9:34 AM

To: Metcalfe, Megan MEM:EX
Subject: RE: Call for Records EGM-2016-61290 Due April 6, 2016 Analyst Tyler Barbon
Hi – unfortunately, no. I will forward it to staff. Thanks!

Nicole Beaton | Branch Coordinator | Mineral Titles | MEM | 250 952-0508

From: Metcalfe, Megan MEM:EX
Sent: Wednesday, March 30, 2016 9:03 AM
To: Beaton, Nicole M MEM:EX
Subject: FW: Call for Records EGM-2016-61290 Due April 6, 2016 Analyst Tyler Barbon
Importance: High
Hi Nicole,

Did this one get sent to you?

From: Lalonde, Jan MEM:EX
Sent: Tuesday, March 22, 2016 11:41 AM
To: Musgrove, Kate MEM:EX; Metcalfe, Megan MEM:EX
Subject: FW: Call for Records EGM-2016-61290 Due April 6, 2016 Analyst Tyler Barbon
Good morning,
Please after reading this request if you feel that I have forgotten to send it to a program area or office, please let me know.
Please see the attached call for records request:
Any/all records and correspondence including emails, briefing notes, meeting minutes, consultation reports, etc., relating to Mineral Titles Information update 8 and/or Information update 38 as posted March 7th and 8th to the government website at http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates *(Date Range for Record Search: From 10/01/2015 To 03/11/2016) – Date Format: MM/DD/YYYY*

Please advise me with a "yes" or "no" as to whether you have records. You need to fill out the Call for Records form (above) if you have information and return it to me with the records by April 5th. If you have records and believe it will take longer than three hours to gather the material, please fill out the Call for Records/Fee Estimate form (above) and send to me by March 29th.
Thanks,
Jan
From: Peddle, Jennifer [mailto:IAOResourceTeam@gov.bc.ca]
Sent: Monday, March 21, 2016 9:48 AM
To: Lalonde, Jan MEM:EX; Frankl, Dave MEM:EX
Subject: Call for Records EGM-2016-61290 Due April 6, 2016 Analyst Tyler Barbon
Your Ministry has received a formal request made under the *Freedom of Information and Protection of Privacy Act* (FOIPPA). The request is for:

Any/all records and correspondence including emails, briefing notes, meeting minutes, consultation reports, etc., relating to Mineral Titles Information update 8 and/or Information update 38 as posted March 7th and 8th to the government website at http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates *(Date Range for Record Search: From 10/01/2015 To 03/11/2016) – Date Format: MM/DD/YYYY*

Please complete the attached Call for Records form.
• If search and retrieval time is anticipated to exceed 3 hours and/or the total volume of records exceeds 200 pages, complete **only** sections 1 & 2 of the Call for Records form as we may be in a position to issue a fee estimate. Return the form to IAO by March 29, 2016. Please await further instruction from IAO as the records will not be required until the fee estimate process has been completed. Once fees have been paid or waived, IAO will contact you to continue the call for records process.

• **If no fees apply** then complete the attached Call for Records form and return it to IAO by April 06, 2016.
• Send records via email in **PDF format**. Before you turn emails into PDFs, ensure that you have included all attachments. If email is not possible, please put the records on the **File Share** and notify IAO that the records are available.

You should be aware that *FOIPPA* obligates us to assist the applicant and to respond without delay, openly, accurately, and completely. In the event that your Ministry must defend the adequacy of its search to the Information and Privacy Commissioner at Inquiry, those involved in searching for records may be required to sign affidavits confirming they have conducted an adequate search for relevant records.

Please do not hesitate to contact IAO to discuss: whether the records may be routinely releasable; whether the information is being prepared for public release or is already publicly available; ways in which an applicant may want to narrow/focus their request to reduce potential fees; and/or any other questions or concerns relating to this request.

Thank you for your assistance,

Resource Team
Information Access Operations
On behalf of,
Tyler Barbon | FOI Analyst, Access to Information
Ph: 778 698-2328
e: IAOResourceTeam@gov.bc.ca
m: PO Box 9569 Stn Prov Gov Victoria BC V8W 9K1

From:	Messmer, Mark J MEM:EX
To:	Upper, Andrew MEM:EX; Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject:	FW: question regarding placer hand mining draft guidelines
Date:	Monday, April 4, 2016 10:05:34 AM

From: Cairns, Randy ENV:EX
Sent: Friday, April 1, 2016 2:04 PM
To: Messmer, Mark J MEM:EX
Subject: RE: question regarding placer hand mining draft guidelines

No concerns.

Randy Cairns

Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Friday, April 1, 2016 2:01 PM
To: Cairns, Randy ENV:EX
Subject: RE: question regarding placer hand mining draft guidelines

Thanks Randy, most helpful.

Do you see any concerns with respect the WSA and the attached recreational hand panning guide?

If you could include me on any correspondence with other MEM staff that would be appreciated.

Cheers,

Mark

From: Cairns, Randy ENV:EX
Sent: Friday, April 1, 2016 1:04 PM
To: Messmer, Mark J MEM:EX
Subject: RE: question regarding placer hand mining draft guidelines

Mark. Your email and questions are timely. As recently as this morning we (MOE) have been in discussions with MEM and MFLNRO staff to develop additional regulatory provisions under the WSA for water use in mineral exploration drilling and placer exploration. I will provide some preliminary comments but ask that any finalization of the document take into account the dynamic nature of the regulations at this time. We have been asked to expedite this work.

Your document generally aligns with provisions within the Water Sustainability Act that allow for the use of unrecorded water from a stream or an aquifer to "prospect for a mineral". See section 6 of the WSA.

I've copied further detail below:

> The WSA generally requires that a person must not divert or use water from a stream or aquifer unless the person holds an authorization or the use is authorized in the Regulations. One of the exemptions to that general rule is that the Act allows a person to use unrecorded water from a stream or an aquifer without an authorization to prospect for a mineral. The WSA defines *prospecting for a mineral.*
>
> "prospecting for a mineral" means searching for a mineral
>
> (a) using hand-held tools in a manner that does not involve mechanical

disturbance of the surface, or
(b) in a prescribed manner.

At the present time, the definition of *prospecting for a mineral* has not been expanded by describing in regulations what "in a prescribed manner" would include.

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Friday, April 1, 2016 11:17 AM
To: Cairns, Randy ENV:EX
Subject: question regarding placer hand mining draft guidelines

Hi Randy,

Daryl Slater in Nanaimo suggested I speak to you about the attached updated (draft) placer hand mining guidelines.

These guidelines were developed with input from the Deputy Chief Inspector of Mines and a number of Mines Inspectors across the province provided input.

Previous version of these guidelines have existed since at least 1998.

They are in essence, guidance for recorded holders of placer claims as to the nature of placer mining activities that may be conducted on a placer claim without having to apply for a permit, pursuant to Section 10 of the Mines Act.

The question is, does the new Water Sustainability Act require a recorded holder who is conducting placer hand mining in accordance with these guidelines, to apply for a permit to use water? See item 6 in these guidelines.

Thanks,

Mark

Mark Messmer
A/Executive Director, Mineral Titles Branch and Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From:	Quist, Bev MEM:EX
To:	Upper, Andrew MEM:EX; Messmer, Mark J MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	CMA
Date:	Monday, April 4, 2016 9:19:14 AM

Hi Guys,
The CMA training session went well this weekend and there were lots of good questions from clients.
CMA is wondering if someone from Mineral Titles going to attend the Gold Show at the end of April? I told them that I wouldn't be able to attend but maybe someone else from MT can make it.
I've sent Ray Jungaro (FLNRO) some hand outs (Info Update no. 2, Info Update no. 8 etc) for the conference that he can have at the government booth.
Many people, including government employees, asked when the placer hand mining guide is going to be reposted. Are we going to be able to revise/repost before the gold show at the end of April or do we need to wait on the FOI request?
Cheers
Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX; Upper, Andrew MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	RE: CMA
Date:	Monday, April 4, 2016 9:21:05 AM

Thanks Bev,

I have some clarity on the WSA implications. You and Andrew and I should have a quick touch base and I can fill you in.

From: Quist, Bev MEM:EX
Sent: Monday, April 4, 2016 9:19 AM
To: Upper, Andrew MEM:EX; Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: CMA

Hi Guys,

The CMA training session went well this weekend and there were lots of good questions from clients.

CMA is wondering if someone from Mineral Titles going to attend the Gold Show at the end of April? I told them that I wouldn't be able to attend but maybe someone else from MT can make it. I've sent Ray Jungaro (FLNRO) some hand outs (Info Update no. 2, Info Update no. 8 etc) for the conference that he can have at the government booth.

Many people, including government employees, asked when the placer hand mining guide is going to be reposted. Are we going to be able to revise/repost before the gold show at the end of April or do we need to wait on the FOI request?

Cheers

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX; Upper, Andrew MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	RE: CMA
Date:	Monday, April 4, 2016 9:22:06 AM

That would be excellent. Do you two have time for a call today?

From: Messmer, Mark J MEM:EX
Sent: Monday, April 4, 2016 9:21 AM
To: Quist, Bev MEM:EX; Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: CMA

Thanks Bev,

I have some clarity on the WSA implications. You and Andrew and I should have a quick touch base and I can fill you in.

From: Quist, Bev MEM:EX
Sent: Monday, April 4, 2016 9:19 AM
To: Upper, Andrew MEM:EX; Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: CMA

Hi Guys,

The CMA training session went well this weekend and there were lots of good questions from clients.

CMA is wondering if someone from Mineral Titles going to attend the Gold Show at the end of April? I told them that I wouldn't be able to attend but maybe someone else from MT can make it.

I've sent Ray Jungaro (FLNRO) some hand outs (Info Update no. 2, Info Update no. 8 etc) for the conference that he can have at the government booth.

Many people, including government employees, asked when the placer hand mining guide is going to be reposted. Are we going to be able to revise/repost before the gold show at the end of April or do we need to wait on the FOI request?

Cheers

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

From:	Upper, Andrew MEM:EX
To:	Messmer, Mark J MEM:EX; Quist, Bev MEM:EX
Subject:	WSA implications, Placer Guidlines
Attachments:	RE CMA.msg

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX; Upper, Andrew MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	RE: CMA
Date:	Monday, April 4, 2016 9:21:05 AM

Thanks Bev,

I have some clarity on the WSA implications. You and Andrew and I should have a quick touch base and I can fill you in.

From: Quist, Bev MEM:EX
Sent: Monday, April 4, 2016 9:19 AM
To: Upper, Andrew MEM:EX; Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: CMA

Hi Guys,

The CMA training session went well this weekend and there were lots of good questions from clients.

CMA is wondering if someone from Mineral Titles going to attend the Gold Show at the end of April? I told them that I wouldn't be able to attend but maybe someone else from MT can make it.

I've sent Ray Jungaro (FLNRO) some hand outs (Info Update no. 2, Info Update no. 8 etc) for the conference that he can have at the government booth.

Many people, including government employees, asked when the placer hand mining guide is going to be reposted. Are we going to be able to revise/repost before the gold show at the end of April or do we need to wait on the FOI request?

Cheers

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

From:	Upper, Andrew MEM:EX
To:	Messmer, Mark J MEM:EX; Quist, Bev MEM:EX
Subject:	WSA implications, Placer Guidlines
Attachments:	RE CMA.msg

Page 039

Withheld pursuant to/removed as

DUPLICATE

Page 040 to/à Page 070

Withheld pursuant to/removed as

s.12;s.14;s.13

From:	Quist, Bev MEM:EX
To:	Upper, Andrew MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	IU 38
Date:	Thursday, April 7, 2016 9:33:27 AM
Attachments:	InfoUpdate38- April 2016.docx

Hi Andrew,

Please see attached for the latest version of IU38.

- I've tried to make a very clear distinction between hand panning and hand mining and emphasize that this document is covering hand mining not hand panning. Let me know if it's not clear enough…
- I tried to consolidate some of the bullet points on page two. Points 4 and 5 still seem a bit wordy to me.
- I kept the FAQ that I'd already written so you can take a look at it (we can just delete them if they're something you/Mark are not interested in). All of the information in the FAQ is in the bullet points, but I tried to create a list of the most common questions that I get from people. I want there to be clear answers for people in this document because a lot of the initial feedback from people is that the document was not clear.
- I think that the diagrams/maps could/should be redrawn by someone with graphic design skills. Ideally, they'd be drawn in black and white or very limited colour so that they print well in black and white. If we got them redrawn we could fit them on one page to keep the document brief.
- I took a stab at a disclaimer at the bottom, but it needs some work.

Let me know what you think and I can take another stab at it later today.

Cheers

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

Mineral Titles

Information Update

No. 38 – Acceptable Practices for Placer Hand Mining in British Columbia

Date: XXX

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application or obtaining a Mines Act permit.

DEFINITIONS

Gravel bar: an elevated area of sediment (such as sand or gravel) deposited above the water flow.

Placer Hand Mining: hand operations are defined as those using hand tools including: hand sluice, high banker and pump (maximum 38 mm intake).

Place Hand Panning: panning for gold using only a shovel and pan (no sluice box, high banker or settling pond present). Hand panning is not included in the scope of placer hand mining. Please see Information Update no. 2 for information on recreational hand panning.

Riparian Setback: With the exception of the Fraser River, a riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2. On the Fraser River, the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and all work and disturbance must remain at least 1 m in elevation above the current water level.

Watercourse: the area between the high water marks on the opposite banks; includes the banks, the gravel bars and the stream at whatever level it is running at

The term "**operate in the dry**" applies to all aspects of hand mining including the excavation of gravel

DRAFT

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

The following outlines acceptable practices for placer hand mining:

1. No pay dirt may be extracted from under the water of any watercourse.

2. There must be no discharge of silt laden water into a watercourse. All water discharged from a sluice box or high banker must be discharged into a settling pond for exfiltration.

3. A sluice box must not be used within the flowing water of any watercourse.

4. Placer hand mining may only occur in areas outside of the riparian setback, whether on a gravel bar or above the high water mark of a watercourse. The only activity allowed within the riparian setback is a narrow foot path for access. Placer hand mining is restricted to un-vegetated portions of the gravel bar and absolutely no vegetation is to be removed or disturbed.

5. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback. Excavated material from a gravel bar must not be transported away from the gravel bar for processing. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled and to avoid the entrapment of fish should water levels fluctuate due to seasonal variation.

6. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

7. The use of suction dredging and hand or mechanically powered “sniping” equipment in any watercourse is not permitted.

8. Fuel must not be stored within the high water mark or riparian setback and emergency spill kits shall be retained on site.

9. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when the claim is not occupied for the purpose of conducting placer mining activity. Placer claims must not be used for recreational camping or other recreational purposes and may only be occupied by the recorded holder while legitimate placer exploration activity is occurring. All waste shall be disposed of in a manner that provides full protection to the watercourse.

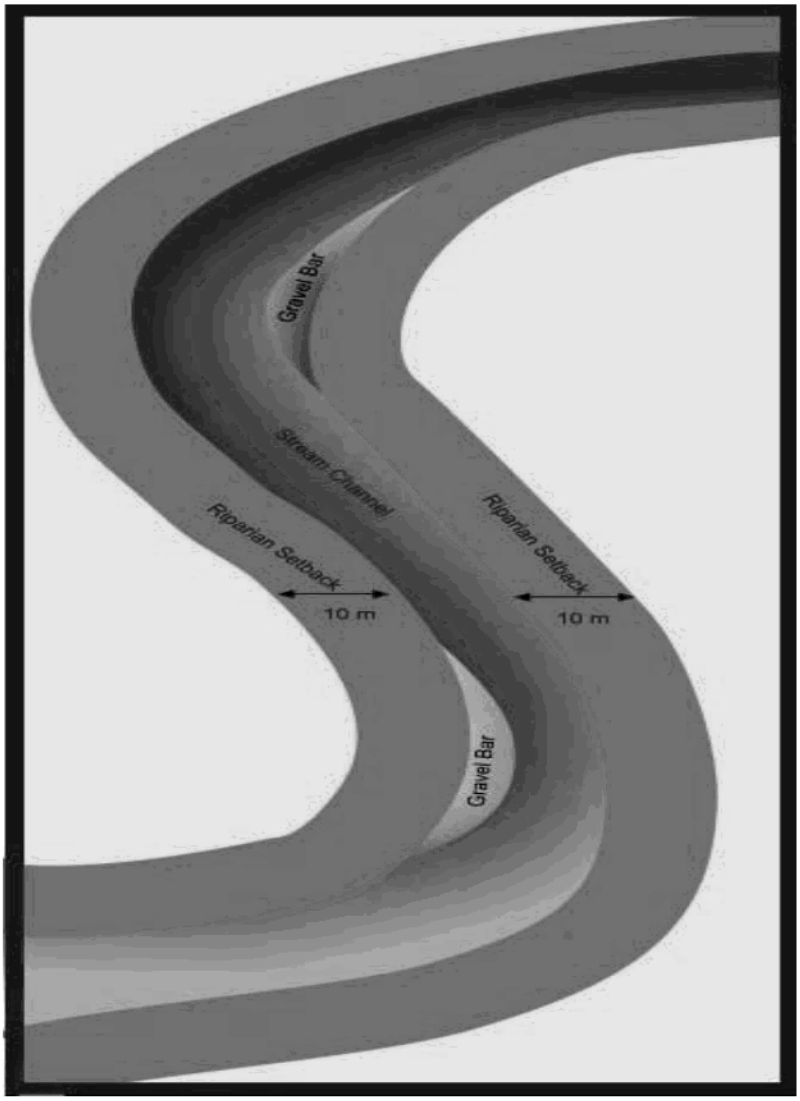


Figure 1: Depiction of the 10 metre riparian setback from a watercourse. The 10 metres is measured from the high water mark.

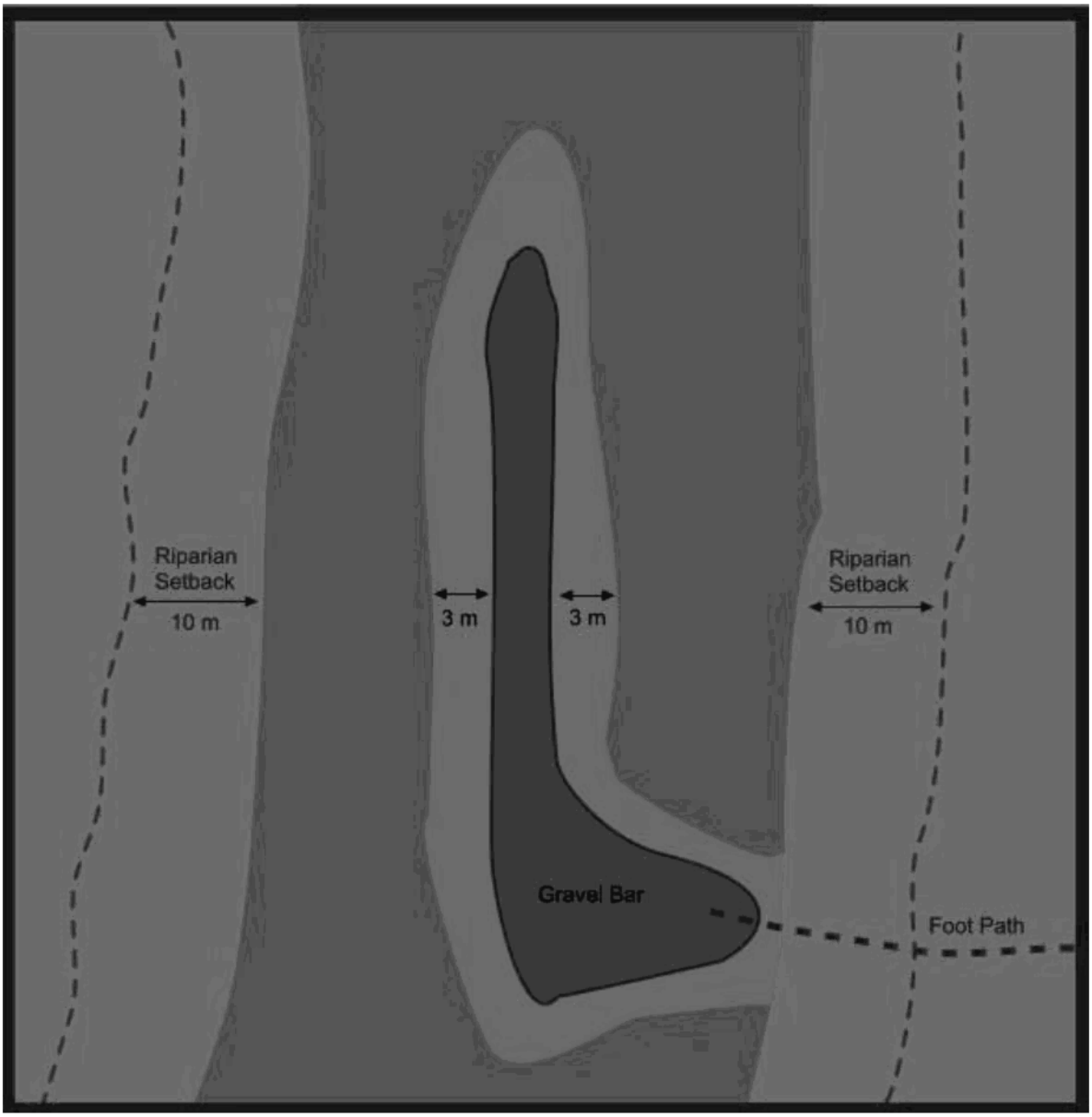


Figure 2: Depiction of the 3 metre riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 metre riparian setback along the watercourse.

FAQ

Question	Answer
What can I use to hand mine for placer minerals?	Hand equipment including: hand sluice, high banker, shovel and pump. All equipment must be fed by hand and the sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm).
Can I hand pan in a creek on my claim	Yes, provided that you only use a pan and a shovel and fill in any depressions as you work.
Where can I hand mine for placer minerals?	Outside of the riparian setback (10 meters from the high water mark).
Can I work in the stream?	A hand pan and shovel are the only pieces of equipment that can be used in a stream. Sluicing or sniping in the creek is not permitted.
Can I snipe in the stream?	No, unless you obtain the appropriate authorizations.
Can I dig gravel from beside the stream and in the stream and bring it to my highbanker?	No, any excavations of gravel must occur outside of the riparian setback.
Do I need a water permit under the Water Sustainability Act to use a high banker on my claim?	Currently, high bankers fall under the definition of "prospecting for a mineral", so you do not need a water permit to use one on your claim.
Is my creek deregulated?	See the Placer Mining Waste Control Regulation for a list of creeks that are exempt from section 6(2) and (3) of the Environmental Management Act
Sensitive streams and Critical Fish Habitat	It is the responsibility of the hand miner to research if the stream on their tenure is sensitive or a critical fish habitat and obtain the appropriate authorizations if necessary.

It is the responsibility of the placer miner to ensure that they have all the necessary authorizations to conduct placer hand mining work on their claim. These authorization may include, but are not limited to, NOW, water authorization permit etc etc

From:	Upper, Andrew MEM:EX
To:	Quist, Bev MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	FW: IU 38
Date:	Thursday, April 7, 2016 9:42:00 AM
Attachments:	InfoUpdate38- April 2016.docx

This looks good. My comments at the very end.

Andrew

From: Quist, Bev MEM:EX
Sent: Thursday, April 7, 2016 9:33 AM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: IU 38

Hi Andrew,

Please see attached for the latest version of IU38.

- I've tried to make a very clear distinction between hand panning and hand mining and emphasize that this document is covering hand mining not hand panning. Let me know if it's not clear enough…
- I tried to consolidate some of the bullet points on page two. Points 4 and 5 still seem a bit wordy to me.
- I kept the FAQ that I'd already written so you can take a look at it (we can just delete them if they're something you/Mark are not interested in). All of the information in the FAQ is in the bullet points, but I tried to create a list of the most common questions that I get from people. I want there to be clear answers for people in this document because a lot of the initial feedback from people is that the document was not clear.
- I think that the diagrams/maps could/should be redrawn by someone with graphic design skills. Ideally, they'd be drawn in black and white or very limited colour so that they print well in black and white. If we got them redrawn we could fit them on one page to keep the document brief.
- I took a stab at a disclaimer at the bottom, but it needs some work.

Let me know what you think and I can take another stab at it later today.

Cheers

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

Page 078 to/à Page 088

Withheld pursuant to/removed as

DUPLICATE

From:	Quist, Bev MEM:EX
To:	Upper, Andrew MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	RE: IU 38
Date:	Thursday, April 7, 2016 9:54:52 AM
Attachments:	InfoUpdate38- April 2016.docx

Please see attached.

From: Upper, Andrew MEM:EX
Sent: Thursday, April 7, 2016 9:43 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: FW: IU 38

This looks good. My comments at the very end.

Andrew

From: Quist, Bev MEM:EX
Sent: Thursday, April 7, 2016 9:33 AM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: IU 38

Hi Andrew,

Please see attached for the latest version of IU38.

- I've tried to make a very clear distinction between hand panning and hand mining and emphasize that this document is covering hand mining not hand panning. Let me know if it's not clear enough…
- I tried to consolidate some of the bullet points on page two. Points 4 and 5 still seem a bit wordy to me.
- I kept the FAQ that I'd already written so you can take a look at it (we can just delete them if they're something you/Mark are not interested in). All of the information in the FAQ is in the bullet points, but I tried to create a list of the most common questions that I get from people. I want there to be clear answers for people in this document because a lot of the initial feedback from people is that the document was not clear.
- I think that the diagrams/maps could/should be redrawn by someone with graphic design skills. Ideally, they'd be drawn in black and white or very limited colour so that they print well in black and white. If we got them redrawn we could fit them on one page to keep the document brief.
- I took a stab at a disclaimer at the bottom, but it needs some work.

Let me know what you think and I can take another stab at it later today.

Cheers

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

Page 090 to/à Page 094

Withheld pursuant to/removed as

DUPLICATE

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	RE: info update no. 38
Date:	Tuesday, April 12, 2016 1:00:54 PM
Attachments:	InfoUpdate38.docx

This includes final comments from Glen Hendrickson. Basically a change to point 1.

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 8:36 AM
To: Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: FW: info update no. 38

Any last minute comments before the end of the day please.

Rick Adams has reviewed and is ok with it, still waiting to hear back from Glen Hendrickson.

Thanks!

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,

Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM

To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38

In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Mineral Titles

Information Update

No. 38 – Acceptable Practices for Placer Hand Mining in British Columbia

April 12, 2016

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application or obtaining a *Mines Act* permit.

The provisions of Section 6(3) of the *Water Sustainability Act* that allow the use of unrecorded water to prospect for a mineral apply to placer hand mining practices as described in this information update.

DEFINITIONS

Gravel bar: an elevated area of sediment (such as sand or gravel) deposited above the water flow.

Placer Hand Mining: hand operations are defined as those using hand tools including: hand sluice, high banker and water pump (maximum 38 mm intake).

Riparian Setback: With the exception of the Fraser River, a riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2. On the Fraser River, the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and all work and disturbance must remain at least 1 m in elevation above the current water level.

Watercourse: the area between the high water marks on the opposite banks; and includes the banks, the gravel bars and the stream at any running level.

The term "**operate in the dry**" applies to all aspects of hand mining including the excavation of gravel

In the event of a discrepancy between this information and the provisions of the *Mineral Tenure Act, the Water Sustainability Act, Mines Act and regulations under these Acts,* the acts and regulations will apply.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

www.mineraltitles.gov.bc.ca

Email: Mineral.Titles@gov.bc.ca

The following outlines acceptable practices for placer hand mining:

1. No pay dirt may be extracted from under the water of any watercourse. This excludes panning and collecting silt samples from within the wetted perimeter of a watercourse.

2. No placer hand mining, (including the removal of vegetation or gravel or other disturbance) may occur within the riparian setback, aside from a narrow foot path to access areas that are outside the riparian setback. Placer hand mining may only occur on areas outside of the riparian setback, whether on a gravel bar or above the high water mark of a watercourse. Placer hand mining is restricted to un-vegetated portions of the gravel bar and absolutely no vegetation is to be removed or disturbed.

3. Excavated material from a gravel bar must not be transported away from the gravel bar for processing. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled to avoid the entrapment of fish should water levels fluctuate due to seasonal variation.

4. There must be no discharge of silt laden water into a watercourse. All water discharged from a sluice box or high banker must be discharged into a settling pond for exfiltration.

5. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback. A sluice box must not be used within the flowing water of any watercourse.

6. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

7. Fuel must not be stored within the high water mark or riparian setback and emergency spill kits shall be retained on site.

8. The use of suction dredging and hand or mechanically powered “sniping” equipment in any watercourse is not permitted.

9. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when the claim is not occupied for the purpose of conducting placer mining activity. Placer claims

must not be used for recreational camping or other recreational purposes and may only be occupied by the recorded holder while legitimate placer exploration activity is occurring. All waste shall be disposed of in a manner that provides full protection to the watercourse.

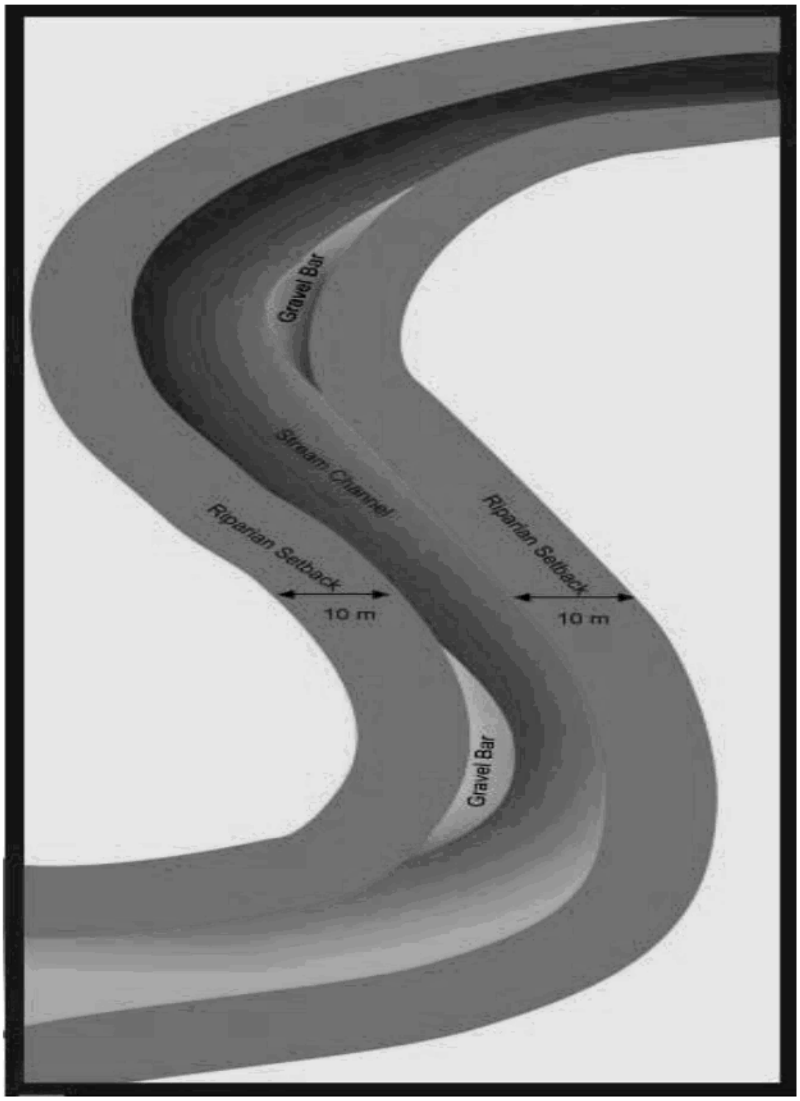


Figure 1: Depiction of the 10 metre riparian setback from a watercourse. The 10 metres is measured from the high water mark.

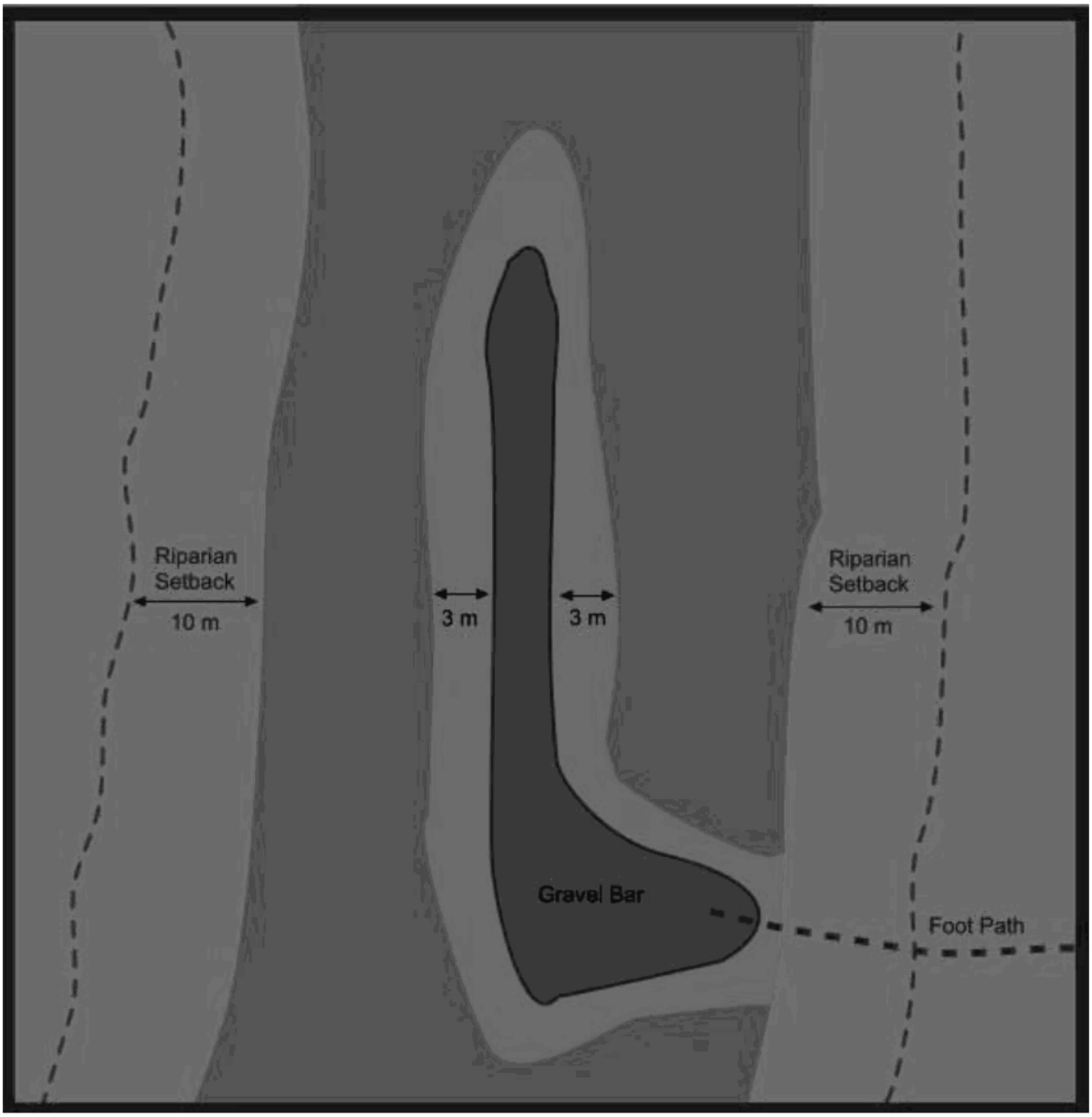


Figure 2: Depiction of the 3 metre riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 metre riparian setback along the watercourse.

Messmer, Mark J MEM:EX

From: Adams, Rick MEM:EX
Sent: Tuesday, April 12, 2016 11:00 AM
To: Messmer, Mark J MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Mark, can you notify Randy Cairns directly today when you reports Info Update 38? That way he can include a reference to it along with the materials he is preparing for WSA exemptions and the Groundwater Reg grandfathering, and hopefully that will result in fewer questions as well…
Rick

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 10:56 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Perfect. I will add that to point 1. Hopefully that will lead to fewer questions!

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:54 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks for clarifying Mark.

A suggestion might be a footnote that states:
Information Update No. 38. does not affect the ability for placer miners and explorationists to pan or collect silt samples from within the wetted perimeter of the stream.

Just a suggestion, the other way is to answer questions as they come in which is fine too.

Cheers,
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 11:32 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks Glen, this has been through so many iterations I can't recall when point 1 was added.

We are getting past the issue about taking silt samples and hand panning by removing any reference to panning in the definition of hand placer mining, so point 1 only refers to the hand placer mining activities. i.e. hand sluice, high banker, and hand tools.

So you can hand pan in a watercourse on the claim, but you can't do any other hand placer mining activities in the stream.

If you can think of a better way of wording it feel free to suggest.

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:16 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Mark,
My concern is with Bullet 1. I have had placer miners complain that this eliminates the possibility of collecting silt samples as an exploration technique and also hand panning. It may be that this is the purpose, that they may not be able to pan material from the stream bed, but folks may need an explanation of why it has always been that way, or why it is that way now (MOE legislation?).
I did notice that this bullet appeared after our review and comment of this document last time around, so I'm kind of curious about where it came from anyways.
What are your thoughts on this?

Thanks
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 7:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX

Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Adams, Rick MEM:EX
Sent: Tuesday, April 12, 2016 8:14 AM
To: Messmer, Mark J MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

I'm good with it, Mark. Probably best to let Glen have a second set of eyes on it.

Rick

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Cairns, Randy ENV:EX
Sent: Tuesday, April 12, 2016 1:33 PM
To: Messmer, Mark J MEM:EX
Subject: RE: info update no. 38

That would be very helpful.
Also, I will send a draft copy of my bulletin for your review.

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 8:38 AM
To: Cairns, Randy ENV:EX
Subject: RE: info update no. 38

Hi Randy, just waiting to hear back from a couple people on any last comments on our revised info update 38, and will likely have it posted to the web before the end of the day.

I will send you the link asap.

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX

Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns

Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: s.22
Sent: Thursday, April 14, 2016 12:56 PM
To: Messmer, Mark J MEM:EX
Subject: re: info update #38

Afternoon Mr.Messmer,

I see that the revised update has finally been posted to the Mineral Titles Site.

Always nice to see some better clarification of things all around.

In particular was the clarification of the water question/issue as well.

Many thanks for the update.

s.22

Messmer, Mark J MEM:EX

From: s.22
Sent: Monday, March 28, 2016 1:40 PM
To: Messmer, Mark J MEM:EX
Subject: re: Information update #38

Afternoon Mr Messmer,

Say on the Mineral/Placer Gov Homepage via the Information updates I see there was an updated 'Info update#8' and also a 'No.38' as well.
Looks like the no.38 has disappeared?
Is this something that is being revised (again) or what?
It seemed to be one of the better updates that had been put out for some time.

s.22

Messmer, Mark J MEM:EX

From: Costa, Sarina MEM:EX
Sent: Wednesday, March 16, 2016 4:32 PM
To: Messmer, Mark J MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Thanks very much, Mark!

Sarina

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:29 PM
To: Costa, Sarina MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Feel free to send them all my way.

Cheers,
Mark

From: Costa, Sarina MEM:EX
Sent: Wednesday, March 16, 2016 4:22 PM
To: Messmer, Mark J MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Yes, possibly. He didn't give me a chance to ask about the correct spelling of his name, but it must be the same person.

Thanks.

Sarina

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:20 PM
To: Costa, Sarina MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

It is possibly s.22 ? He is on my frequent caller list.

From: Costa, Sarina MEM:EX
Sent: Wednesday, March 16, 2016 3:13 PM
To: Dalal, Suntanu GCPE:EX; Messmer, Mark J MEM:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Thanks, Suntanu. We also received a call on the same issue from a different person – s.22 . I took down his concerns, and he just asked that I pass along to the Minister so that he is aware.

Sarina Costa
Administrative Co-ordinator to the
Honourable Bill Bennett
Minister of Energy and Mines and
Minister Responsible for Core Review
250-387-5226

From: Dalal, Suntanu GCPE:EX
Sent: Wednesday, March 16, 2016 3:07 PM
To: Messmer, Mark J MEM:EX
Cc: Mah-Paulson, May MEM:EX; Costa, Sarina MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: Public complaint re. Mineral Titles Information Update 38...

Hi,

I received a call around 2 p.m. today from s.22).

Basically, he called to complain about this Information Update posted to the Mineral Titles Office website on March 8: http://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/mineral-exploration-mining/documents/mineral-titles/notices-mineral-placer-titles/information-updates/infoupdate38.pdf

He went on for some time about how there are too many regulations generally in Canada/B.C., and specifically in placer mining. That we are "basically eliminating recreational gold panning" which has been "part of our heritage".

s.22 says he runs a business s.22 in Kelowna, and that his website get 20,000 hits per month. He says he plans to write about his concerns on his website, and may write a letter to Minister Bennett.

I did suggest that he give the Minister's Office a call (rather than lodge his complaint with me), but he seemed interested in venting to me. Overall, s.22 was pleasant to deal with during out 15-minute conversation.

I advised him that I would send a note to some people in the ministry so they would be aware of his concerns, but I didn't promise that anyone would get back to him.

Thanks,

_____
Suntanu Dalal
Media Relations
Ministry of Energy and Mines
250-952-0628

Messmer, Mark J MEM:EX

From: Dalal, Suntanu GCPE:EX
Sent: Wednesday, March 16, 2016 4:31 PM
To: Messmer, Mark J MEM:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Costa, Sarina MEM:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Will do. Thanks.

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:29 PM
To: Costa, Sarina MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Feel free to send them all my way.

Cheers,
Mark

From: Costa, Sarina MEM:EX
Sent: Wednesday, March 16, 2016 4:22 PM
To: Messmer, Mark J MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Yes, possibly. He didn't give me a chance to ask about the correct spelling of his name, but it must be the same person.

Thanks.

Sarina

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:20 PM
To: Costa, Sarina MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

It is possibly s.22 ? He is on my frequent caller list.

From: Costa, Sarina MEM:EX
Sent: Wednesday, March 16, 2016 3:13 PM
To: Dalal, Suntanu GCPE:EX; Messmer, Mark J MEM:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Thanks, Suntanu. We also received a call on the same issue from a different person - s.22 . I took down his concerns, and he just asked that I pass along to the Minister so that he is aware.

Sarina Costa
Administrative Co-ordinator to the
Honourable Bill Bennett
Minister of Energy and Mines and
Minister Responsible for Core Review
250-387-5226

From: Dalal, Suntanu GCPE:EX
Sent: Wednesday, March 16, 2016 3:07 PM
To: Messmer, Mark J MEM:EX
Cc: Mah-Paulson, May MEM:EX; Costa, Sarina MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: Public complaint re. Mineral Titles Information Update 38...

Hi,

I received a call around 2 p.m. today from s.22 .

Basically, he called to complain about this Information Update posted to the Mineral Titles Office website on March 8: http://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/mineral-exploration-mining/documents/mineral-titles/notices-mineral-placer-titles/information-updates/infoupdate38.pdf

He went on for some time about how there are too many regulations generally in Canada/B.C., and specifically in placer mining. That we are "basically eliminating recreational gold panning" which has been "part of our heritage".

s.22 says he runs a business s.22 in Kelowna, and that his website get 20,000 hits per month. He says he plans to write about his concerns on his website, and may write a letter to Minister Bennett.

I did suggest that he give the Minister's Office a call (rather than lodge his complaint with me), but he seemed interested in venting to me. Overall, s.22 was pleasant to deal with during out 15-minute conversation.

I advised him that I would send a note to some people in the ministry so they would be aware of his concerns, but I didn't promise that anyone would get back to him.

Thanks,

_____
Suntanu Dalal
Media Relations
Ministry of Energy and Mines
250-952-0628

Messmer, Mark J MEM:EX

From: Fran Macpherson <fmacpherson@accuratemining.com>
Sent: Friday, March 18, 2016 12:02 PM
To: Messmer, Mark J MEM:EX
Subject: Placer hand mining
Attachments: Acceptable Practices for Hand Mining_compressed.pdf; ATT00001.htm

Hi Mark,

I don't know if this is of any use to you, but I've attached a copy of a very old 'hand work best practices' that was developed by Mines Branch Prince George and DFO.

Fran

Fran Macpherson
Phone: 250-747-2821
Email: fmacpherson@accuratemining.com

Messmer, Mark J MEM:EX

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:54 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks for clarifying Mark.

A suggestion might be a footnote that states:
Information Update No. 38. does not affect the ability for placer miners and explorationists to pan or collect silt samples from within the wetted perimeter of the stream.

Just a suggestion, the other way is to answer questions as they come in which is fine too.

Cheers,
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 11:32 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks Glen, this has been through so many iterations I can't recall when point 1 was added.

We are getting past the issue about taking silt samples and hand panning by removing any reference to panning in the definition of hand placer mining, so point 1 only refers to the hand placer mining activities. i.e. hand sluice, high banker, and hand tools.

So you can hand pan in a watercourse on the claim, but you can't do any other hand placer mining activities in the stream.

If you can think of a better way of wording it feel free to suggest.

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:16 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Mark,

My concern is with Bullet 1. I have had placer miners complain that this eliminates the possibility of collecting silt samples as an exploration technique and also hand panning. It may be that this is the purpose, that they may not be able to pan material from the stream bed, but folks may need an explanation of why it has always been that way, or why it is that way now (MOE legislation?).
I did notice that this bullet appeared after our review and comment of this document last time around, so I'm kind of curious about where it came from anyways.
What are your thoughts on this?

Thanks
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 7:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX

Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38

In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns

Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:16 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Mark,
My concern is with Bullet 1. I have had placer miners complain that this eliminates the possibility of collecting silt samples as an exploration technique and also hand panning. It may be that this is the purpose, that they may not be able to pan material from the stream bed, but folks may need an explanation of why it has always been that way, or why it is that way now (MOE legislation?).
I did notice that this bullet appeared after our review and comment of this document last time around, so I'm kind of curious about where it came from anyways.
What are your thoughts on this?

Thanks
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 7:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Mah-Paulson, May MEM:EX
Sent: Wednesday, March 16, 2016 4:35 PM
To: Messmer, Mark J MEM:EX
Subject: Re: Public complaint re. Mineral Titles Information Update 38...

Thanks Mark!

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:29 PM
To: Costa, Sarina MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Feel free to send them all my way.

Cheers,
Mark

From: Costa, Sarina MEM:EX
Sent: Wednesday, March 16, 2016 4:22 PM
To: Messmer, Mark J MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Yes, possibly. He didn't give me a chance to ask about the correct spelling of his name, but it must be the same person.

Thanks.

Sarina

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:20 PM
To: Costa, Sarina MEM:EX; Dalal, Suntanu GCPE:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

It is possibly s.22 ? He is on my frequent caller list.

From: Costa, Sarina MEM:EX
Sent: Wednesday, March 16, 2016 3:13 PM
To: Dalal, Suntanu GCPE:EX; Messmer, Mark J MEM:EX
Cc: Mah-Paulson, May MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: RE: Public complaint re. Mineral Titles Information Update 38...

Thanks, Suntanu. We also received a call on the same issue from a different person – s.22 . I took down his concerns, and he just asked that I pass along to the Minister so that he is aware.

Sarina Costa
Administrative Co-ordinator to the
Honourable Bill Bennett
Minister of Energy and Mines and
Minister Responsible for Core Review
250-387-5226

From: Dalal, Suntanu GCPE:EX
Sent: Wednesday, March 16, 2016 3:07 PM
To: Messmer, Mark J MEM:EX
Cc: Mah-Paulson, May MEM:EX; Costa, Sarina MEM:EX; Plummer, Glen GCPE:EX; Suric, Michelle J GCPE:EX
Subject: Public complaint re. Mineral Titles Information Update 38...

Hi,

I received a call around 2 p.m. today from s.22 .

Basically, he called to complain about this Information Update posted to the Mineral Titles Office website on March 8: http://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/mineral-exploration-mining/documents/mineral-titles/notices-mineral-placer-titles/information-updates/infoupdate38.pdf

He went on for some time about how there are too many regulations generally in Canada/B.C., and specifically in placer mining. That we are "basically eliminating recreational gold panning" which has been "part of our heritage".

s.22 says he runs a business s.22 in Kelowna, and that his website get 20,000 hits per month. He says he plans to write about his concerns on his website, and may write a letter to Minister Bennett.

I did suggest that he give the Minister's Office a call (rather than lodge his complaint with me), but he seemed interested in venting to me. Overall, s.22 was pleasant to deal with during out 15-minute conversation.

I advised him that I would send a note to some people in the ministry so they would be aware of his concerns, but I didn't promise that anyone would get back to him.

Thanks,

_____
Suntanu Dalal
Media Relations
Ministry of Energy and Mines
250-952-0628

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Friday, April 15, 2016 10:08 AM
To: Upper, Andrew MEM:EX
Subject: RE: Information update #38

Thanks!

From: Upper, Andrew MEM:EX
Sent: Friday, April 15, 2016 10:05 AM
To: Messmer, Mark J MEM:EX
Subject: RE: Information update #38

s.22 holds 3 Placer Claims s.22 and 5 Placer Claims s.22

Andrew

From: Messmer, Mark J MEM:EX
Sent: Friday, April 15, 2016 9:58 AM
To: Upper, Andrew MEM:EX
Subject: RE: Information update #38

In what region(s) does this person have claims?

From: Upper, Andrew MEM:EX
Sent: Friday, April 15, 2016 8:49 AM
To: Messmer, Mark J MEM:EX
Subject: FW: Information update #38

Hi Mark. FYI.

Andrew

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:43 AM
To: Upper, Andrew MEM:EX
Cc: Mineral Titles Branch MEM:EX
Subject: FW: Information update #38

Hi Andrew,

I'm not sure if you're the correct person to forward this to or not. Please let me know if I need to send it on.

Thanks, Claudia

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:41 AM
To: s.22
Cc: Mineral Titles Branch MEM:EX
Subject: RE: Information update #38

Dear s.22 ,

Thank you for your email. Your concerns are being forwarded to our management team for response. You will be contacted directly if any further information is required or forthcoming.

Thank you,

Claudia Fleming
Titles Technician
Mineral Titles Branch

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM
To: Smith, Chris MEM:EX
Subject: Information update #38

Dear Mr. Smith,

I need to let you know how displeased I am with Information Update #38.
I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.

Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.
Unless one has a large river on a claim, it is now impossible to work it by hand to any success. Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!
This update means that I cannot even dig behind a boulder at low water to pan!
And no "hand powered" sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!

This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way.
This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.

British Columbia's history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.
I recommend the people who wrote these "acceptable" practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.'s "artisanal" miners.

I believe that this "one size fits all" approach does NOT fit!

I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a "best practices" regime that people will work with, not against. I feel that consultation, cooperation and

observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.

Thank you for your time, I look forward to your reply

s.22

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Friday, April 15, 2016 9:58 AM
To: Upper, Andrew MEM:EX
Subject: RE: Information update #38

In what region(s) does this person have claims?

From: Upper, Andrew MEM:EX
Sent: Friday, April 15, 2016 8:49 AM
To: Messmer, Mark J MEM:EX
Subject: FW: Information update #38

Hi Mark. FYI.

Andrew

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:43 AM
To: Upper, Andrew MEM:EX
Cc: Mineral Titles Branch MEM:EX
Subject: FW: Information update #38

Hi Andrew,

I'm not sure if you're the correct person to forward this to or not. Please let me know if I need to send it on.

Thanks, Claudia

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:41 AM
To: s.22
Cc: Mineral Titles Branch MEM:EX
Subject: RE: Information update #38

Dear s.22 ,

Thank you for your email. Your concerns are being forwarded to our management team for response. You will be contacted directly if any further information is required or forthcoming.

Thank you,

Claudia Fleming
Titles Technician
Mineral Titles Branch

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM

To: Smith, Chris MEM:EX
Subject: Information update #38

Dear Mr. Smith,

I need to let you know how displeased I am with Information Update #38.
I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.

Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.
Unless one has a large river on a claim, it is now impossible to work it by hand to any success. Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!
This update means that I cannot even dig behind a boulder at low water to pan!
And no "hand powered" sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!

This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way.
This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.

British Columbia's history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.
I recommend the people who wrote these "acceptable" practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.'s "artisanal" miners.

I believe that this "one size fits all" approach does NOT fit!

I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a "best practices" regime that people will work with, not against. I feel that consultation, cooperation and observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.

Thank you for your time, I look forward to your reply

s.22

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Thursday, April 14, 2016 1:02 PM
To: s.22
Subject: RE: info update #38

No problem, thanks s.22 .

Cheers,
Mark

From: s.22
Sent: Thursday, April 14, 2016 12:56 PM
To: Messmer, Mark J MEM:EX
Subject: re: info update #38

Afternoon Mr.Messmer,

I see that the revised update has finally been posted to the Mineral Titles Site.

Always nice to see some better clarification of things all around.

In particular was the clarification of the water question/issue as well.

Many thanks for the update.

s.22

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 1:01 PM
To: Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: info update no. 38

This includes final comments from Glen Hendrickson. Basically a change to point 1.



From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 8:36 AM
To: Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: FW: info update no. 38

Any last minute comments before the end of the day please.

Rick Adams has reviewed and is ok with it, still waiting to hear back from Glen Hendrickson.

Thanks!

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 11:03 AM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

You bet!

From: Adams, Rick MEM:EX
Sent: Tuesday, April 12, 2016 11:00 AM
To: Messmer, Mark J MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Mark, can you notify Randy Cairns directly today when you reports Info Update 38? That way he can include a reference to it along with the materials he is preparing for WSA exemptions and the Groundwater Reg grandfathering, and hopefully that will result in fewer questions as well…
Rick

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 10:56 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Perfect. I will add that to point 1. Hopefully that will lead to fewer questions!

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:54 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks for clarifying Mark.

A suggestion might be a footnote that states:
Information Update No. 38. does not affect the ability for placer miners and explorationists to pan or collect silt samples from within the wetted perimeter of the stream.

Just a suggestion, the other way is to answer questions as they come in which is fine too.

Cheers,
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region

Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 11:32 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks Glen, this has been through so many iterations I can't recall when point 1 was added.

We are getting past the issue about taking silt samples and hand panning by removing any reference to panning in the definition of hand placer mining, so point 1 only refers to the hand placer mining activities. i.e. hand sluice, high banker, and hand tools.

So you can hand pan in a watercourse on the claim, but you can't do any other hand placer mining activities in the stream.

If you can think of a better way of wording it feel free to suggest.

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:16 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Mark,
My concern is with Bullet 1. I have had placer miners complain that this eliminates the possibility of collecting silt samples as an exploration technique and also hand panning. It may be that this is the purpose, that they may not be able to pan material from the stream bed, but folks may need an explanation of why it has always been that way, or why it is that way now (MOE legislation?).
I did notice that this bullet appeared after our review and comment of this document last time around, so I'm kind of curious about where it came from anyways.
What are your thoughts on this?

Thanks
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 7:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 10:56 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Perfect. I will add that to point 1. Hopefully that will lead to fewer questions!

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:54 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks for clarifying Mark.

A suggestion might be a footnote that states:
Information Update No. 38. does not affect the ability for placer miners and explorationists to pan or collect silt samples from within the wetted perimeter of the stream.

Just a suggestion, the other way is to answer questions as they come in which is fine too.

Cheers,
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 11:32 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks Glen, this has been through so many iterations I can't recall when point 1 was added.

We are getting past the issue about taking silt samples and hand panning by removing any reference to panning in the definition of hand placer mining, so point 1 only refers to the hand placer mining activities. i.e. hand sluice, high banker, and hand tools.

So you can hand pan in a watercourse on the claim, but you can't do any other hand placer mining activities in the stream.

If you can think of a better way of wording it feel free to suggest.

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:16 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Mark,
My concern is with Bullet 1. I have had placer miners complain that this eliminates the possibility of collecting silt samples as an exploration technique and also hand panning. It may be that this is the purpose, that they may not be able to pan material from the stream bed, but folks may need an explanation of why it has always been that way, or why it is that way now (MOE legislation?).
I did notice that this bullet appeared after our review and comment of this document last time around, so I'm kind of curious about where it came from anyways.
What are your thoughts on this?

Thanks
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 7:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division

Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns

Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 10:32 AM
To: Hendrickson, Glen MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Thanks Glen, this has been through so many iterations I can't recall when point 1 was added.

We are getting past the issue about taking silt samples and hand panning by removing any reference to panning in the definition of hand placer mining, so point 1 only refers to the hand placer mining activities. i.e. hand sluice, high banker, and hand tools.

So you can hand pan in a watercourse on the claim, but you can't do any other hand placer mining activities in the stream.

If you can think of a better way of wording it feel free to suggest.

From: Hendrickson, Glen MEM:EX
Sent: Tuesday, April 12, 2016 10:16 AM
To: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: RE: info update no. 38

Mark,
My concern is with Bullet 1. I have had placer miners complain that this eliminates the possibility of collecting silt samples as an exploration technique and also hand panning. It may be that this is the purpose, that they may not be able to pan material from the stream bed, but folks may need an explanation of why it has always been that way, or why it is that way now (MOE legislation?).
I did notice that this bullet appeared after our review and comment of this document last time around, so I'm kind of curious about where it came from anyways.
What are your thoughts on this?

Thanks
Glen

Glen Hendrickson
Senior Inspector of Mines, Permitting
Southeast Region
Ministry of Energy and Mines
Phone: 250.426.1705

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 7:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 8:38 AM
To: Cairns, Randy ENV:EX
Subject: RE: info update no. 38

Hi Randy, just waiting to hear back from a couple people on any last comments on our revised info update 38, and will likely have it posted to the web before the end of the day.

I will send you the link asap.

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 8:36 AM
To: Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: FW: info update no. 38

Any last minute comments before the end of the day please.

Rick Adams has reviewed and is ok with it, still waiting to hear back from Glen Hendrickson.

Thanks!

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!



From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM

To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38

In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns

Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 8:29 AM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Awesome thanks Rick!

From: Adams, Rick MEM:EX
Sent: Tuesday, April 12, 2016 8:14 AM
To: Messmer, Mark J MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

I'm good with it, Mark. Probably best to let Glen have a second set of eyes on it.

Rick

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced “hand placer mining” and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I’d like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns

Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!



From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM

To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,
Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38
In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Friday, March 18, 2016 7:41 AM
To: 'Fran Macpherson'
Subject: RE: Questions

Understood. I don't see any issues there, but we just want to be clear so there are no more misunderstandings.

Cheers,
Mark

-----Original Message-----
From: Fran Macpherson [mailto:fmacpherson@accuratemining.com]
Sent: Thursday, March 17, 2016 7:36 PM
To: Messmer, Mark J MEM:EX
Subject: Re: Questions

Hi Mark,

That was always true for enhanced sniping. Some creeks were OK, others a no go. Cariboo for example was always off limits.

There will be a lot of blow back if stream sed sampling becomes a no go. It has always been an early indicator of potential mineralization.

Thanks, Fran

Fran Macpherson
Phone: (250) 747-2821

Sent from my iPad

> On Mar 17, 2016, at 4:17 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>
> Hi Fran, that is one of the issues we want to clarify.
>
> You can still apply for a permit to do dredging/sniping, but depending on where it may or may not be approved. So nothing has changed there but we are also checking into the new water sustainability act implications.
>
> Thanks
> Mark
>
> Mark Messmer
> Director, Mineral Titles
> Ministry of Energy and Mines
> 604-660-2814
>
>> On Mar 17, 2016, at 3:48 PM, Fran Macpherson <fmacpherson@accuratemining.com> wrote:

>>
>> OK thanks Mark. My biggest question is what does that mean for stream sediment sampling? If you can't disturb gravel for placer within a stream, does the same hold true for technical sampling?
>>
>> On the placer side, what is happening to enhanced sniping permits?
>>
>> Thanks, Fran
>>
>> Fran Macpherson
>> Phone: (250) 747-2821
>>
>> Sent from my iPad
>>
>>> On Mar 17, 2016, at 10:36 AM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>>>
>>> Hi Fran, yes we took it down. I want to make some changes to it, as it seems to be very confusing to many people.
>>>
>>>
>>>
>>> -----Original Message-----
>>> From: Fran Macpherson [mailto:fmacpherson@accuratemining.com]
>>> Sent: Thursday, March 17, 2016 8:43 AM
>>> To: Messmer, Mark J MEM:EX
>>> Subject: Questions
>>>
>>> Hi Mark,
>>>
>>> My phone has been ringing off the hook this morning. Info update 38 which is no longer there? Can you please call me when you get a minute?
>>>
>>> Thanks, Fran
>>>
>>> Fran Macpherson
>>> Phone: (250) 747-2821
>>>
>>> Sent from my iPad
>>
>
>

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Thursday, March 17, 2016 4:18 PM
To: Fran Macpherson
Subject: Re: Questions

Hi Fran, that is one of the issues we want to clarify.

You can still apply for a permit to do dredging/sniping, but depending on where it may or may not be approved. So nothing has changed there but we are also checking into the new water sustainability act implications.

Thanks
Mark

Mark Messmer
Director, Mineral Titles
Ministry of Energy and Mines
604-660-2814

> On Mar 17, 2016, at 3:48 PM, Fran Macpherson <fmacpherson@accuratemining.com> wrote:
>
> OK thanks Mark. My biggest question is what does that mean for stream sediment sampling? If you can't disturb gravel for placer within a stream, does the same hold true for technical sampling?
>
> On the placer side, what is happening to enhanced sniping permits?
>
> Thanks, Fran
>
> Fran Macpherson
> Phone: (250) 747-2821
>
> Sent from my iPad
>
>> On Mar 17, 2016, at 10:36 AM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>>
>> Hi Fran, yes we took it down. I want to make some changes to it, as it seems to be very confusing to many people.
>>
>>
>>
>> -----Original Message-----
>> From: Fran Macpherson [mailto:fmacpherson@accuratemining.com]
>> Sent: Thursday, March 17, 2016 8:43 AM
>> To: Messmer, Mark J MEM:EX
>> Subject: Questions
>>
>> Hi Mark,
>>
>> My phone has been ringing off the hook this morning. Info update 38 which is no longer there? Can you please call me when you get a minute?

>>
>> Thanks, Fran
>>
>> Fran Macpherson
>> Phone: (250) 747-2821
>>
>> Sent from my iPad
>

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Thursday, March 17, 2016 3:23 PM
To: MarchukFraser, Marnie MEM:EX
Subject: info update 38
Attachments: InfoUpdate38.pdf

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Thursday, March 17, 2016 2:16 PM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Cc: Samuelson, Karen E MEM:EX
Subject: RE: IU 38

I think no. If you get questions, just say we are reviewing it and hope to have an updated version of it posted very soon.

From: Quist, Bev MEM:EX
Sent: Thursday, March 17, 2016 2:03 PM
To: Messmer, Mark J MEM:EX
Subject: IU 38

IU 38 seems to be circulating fairly rapidly despite being taken off the website. Do we want to post a note on the webpage? Something to the effect of:

"Information Update no. 38 (Acceptable Practices for Placer Hand Mining in British Columbia) has been removed from the website for the time being to ensure that it is in compliance with the recently published *Water Sustainability Act*. Please continue with your current practices until the document is revised"

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:47 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: IU 38

I think that was intentional, but you might want to ask Rick Adams about that.

As it stands, if you are doing hand placer mining on your claim, you are not allowed to do any work in the creek.

You might also want to ask Rick if he knows anything about the permit requirement for water use - when does that take effect, and should we be mentioning it in the IU?

Cheers,
Mark

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, March 16, 2016 4:44 PM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Samuelson, Karen E MEM:EX; Upper, Andrew MEM:EX
Subject: Re: IU 38

I think we may want to rewrite some of the wording so it's more clear to people. Right now the way it's written prohibits any sort of panning in the creeks.

Sent from my iPhone

> On Mar 16, 2016, at 4:28 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>
> Sorry meant to tell you.
>
> I am trying to find out what if anything the new water sustainability act and regs will have an impact and if we need to mention this.
>
> -----Original Message-----
> From: Quist, Bev MEM:EX
> Sent: Wednesday, March 16, 2016 4:24 PM
> To: Samuelson, Karen E MEM:EX
> Cc: Messmer, Mark J MEM:EX; Newell, Chris J MEM:EX
> Subject: Re: IU 38
>
> Yeah I think there are some revisions we'll have to make.
>
> Thanks!
>
> Sent from my iPhone

>
>> On Mar 16, 2016, at 4:22 PM, Samuelson, Karen E MEM:EX <Karen.Samuelson@gov.bc.ca> wrote:
>>
>> Hey Bev,
>>
>> Mark asked me to pull it off the site. I do not know why, other than revisions needed, or a suggestion to respond to the clients.
>>
>> Enter, Mark M.
>> :)
>>
>> Karen
>>
>> -----Original Message-----
>> From: Quist, Bev MEM:EX
>> Sent: Wednesday, March 16, 2016 4:15 PM
>> To: Samuelson, Karen E MEM:EX
>> Subject: IU 38
>>
>> Information Update 38 isn't showing up for me on any of my browsers but people have started to call and complain so it must be posted somewhere? Did it get pulled down or do I have a problem with cookies or something?
>>
>> Sent from my iPhone

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Wednesday, March 16, 2016 4:29 PM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Cc: Samuelson, Karen E MEM:EX; Upper, Andrew MEM:EX
Subject: RE: IU 38

Sorry meant to tell you.

I am trying to find out what if anything the new water sustainability act and regs will have an impact and if we need to mention this.

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, March 16, 2016 4:24 PM
To: Samuelson, Karen E MEM:EX
Cc: Messmer, Mark J MEM:EX; Newell, Chris J MEM:EX
Subject: Re: IU 38

Yeah I think there are some revisions we'll have to make.

Thanks!

Sent from my iPhone

> On Mar 16, 2016, at 4:22 PM, Samuelson, Karen E MEM:EX <Karen.Samuelson@gov.bc.ca> wrote:
>
> Hey Bev,
>
> Mark asked me to pull it off the site. I do not know why, other than revisions needed, or a suggestion to respond to the clients.
>
> Enter, Mark M.
> :)
>
> Karen
>
> -----Original Message-----
> From: Quist, Bev MEM:EX
> Sent: Wednesday, March 16, 2016 4:15 PM
> To: Samuelson, Karen E MEM:EX
> Subject: IU 38
>
> Information Update 38 isn't showing up for me on any of my browsers but people have started to call and complain so it must be posted somewhere? Did it get pulled down or do I have a problem with cookies or something?
>
> Sent from my iPhone

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Monday, March 14, 2016 8:55 AM
To: s.22
Subject: RE: Information bulletin #38
Attachments: InfoUpdate38.pdf

Good Morning s.22

Here is a pdf copy and a link to its location on our website.

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates

Cheers,
Mark

From: s.22
Sent: Monday, March 14, 2016 8:50 AM
To: Messmer, Mark J MEM:EX
Subject: RE: Information bulletin #38

Good morning Mark,

Would you be able to forward Info Update #38 to me as I am unable to locate on line.

s.22

From: Messmer, Mark J MEM:EX [mailto:Mark.Messmer@gov.bc.ca]
Sent: March-14-16 8:26 AM
To: s.22
Cc: 'Bruce Chaytor'; s.22
s.22 'Bruce Chaytor'
Subject: RE: Information bulletin #38

Good Morning Mr. Olsson,

You can definitely hand pan on your placer claims, provided you do it in accordance with the guidelines as stated in Info Update 38.

If you have any other questions, please contact me anytime.

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: s.22
Sent: Sunday, March 13, 2016 8:27 PM
To: Bruce Chaytor; Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Re: Information bulletin #38

Hi again Bruce;

The word from the uncivil servant Mr. Messmer that a claim holder can't pan on their claim is absurd. What about prospecting sampling and cleanups. Whether you call it recreational or otherwise it is still panning. Maybe some prospectors/ miners find their work 'recreational'.

I can hardly wait for this batch of regulators and their minions to pound sand. Ronald MacDonald could do better!

s.22

From: Bruce Chaytor

- **Date:** Sunday, March 13, 2016 12:40 PMo

To: 'Messmer, Mark J MEM:EX'
Cc: Bruce Chaytor ; s.22
s.22
Subject: RE: Information bulletin #38
Thanks for the reply Mark, I agree that we need guidelines that include recreational, But I feel this approach may be problematic, as it was developed by those against without a pro viewpoint. Bruce

---

From: Messmer, Mark J MEM:EX [mailto:Mark.Messmer@gov.bc.ca]
Sent: Sunday, March 13, 2016 11:59 AM
To: 'Bruce Chavtor'
Cc: s.22
s.22
Subject: RE: Information bulletin #38

Hi Bruce,

Information Update 38 was drafted with input from a number of MEM staff across the province and was reviewed by the Deputy Chief Inspector of Mines.

Mineral Titles Branch receives a steady stream of inquiries from free miners and recorded holders of placer claims about what they can do on their placer claims, and whether or not they need a permit to do what they are proposing. As well, compliance and enforcement staff from FLNRO and MOE have been requesting MEM to clarify hand placer mining activities that may be conducted in the absence of Mines Act permit.

Recreational hand panning, as per section 9 of the Mineral Tenure Act, may only be conducted away from areas where a valid mineral title exists, or on a mineral title with permission of the recorded holder.

A person who is a free miner and conducts placer mining activity on their claim(s) is not considered to be engaging in a recreational activity. Information update 38 guidelines defines the placer mining activities that recorded holders can engage in on their claims. If a recorded holder want to engage in recreational hand panning they may do so off their mineral titles, or on someone else's mineral title with permission of the recorded holder of the title.

Hand panning is defined in section 1 of the Mineral Tenure Act. Donning a wet suit and engaging in sniping, or use of any equipment within a watercourse other than a hand pan, a shovel, and a metal detector, is not consistent with the definition of recreational hand panning, and is also not permitted as per the hand placer mining guidelines in info update 38.

The hand placer mining guidelines are to inform recorded holders of placer titles, what they can do on their placer titles without having to apply for a notice of work/mines act permit.

In light of your comments, we will review information update number 2 to ensure it is clear on all these points.

I have copied your note to the Chief Gold Commissioner and to all the Regional Health Safety and Permitting Branch Directors for their information.

If you have any further questions or would like to discuss, please contact me anytime.

Thanks,
Mark

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: Bruce Chaytor s.22
Sent: Thursday, March 10, 2016 10:44 PM
To: Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Information bulletin #38

s.22

Bruce Chaytor President BCPMA

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Monday, March 14, 2016 8:26 AM
To: s.22
Cc: 'Bruce Chaytor'; s.22
s.22
s.22 'Bruce Chaytor'
Subject: RE: Information bulletin #38

Good Morning Mr. Olsson,

You can definitely hand pan on your placer claims, provided you do it in accordance with the guidelines as stated in Info Update 38.

If you have any other questions, please contact me anytime.

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: s.22
Sent: Sunday, March 13, 2016 8:27 PM
To: Bruce Chaytor; Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Re: Information bulletin #38

Hi again Bruce;

The word from the uncivil servant Mr. Messmer that a claim holder can't pan on their claim is absurd. What about prospecting sampling and cleanups. Whether you call it recreational or otherwise it is still panning. Maybe some prospectors/ miners find their work 'recreational'.

I can hardly wait for this batch of regulators and their minions to pound sand. Ronald MacDonald could do better!

s.22

> **From:** Bruce Chaytor
>
> - **Date:** Sunday, March 13, 2016 12:40 PMo
>
> **To:** 'Messmer, Mark J MEM:EX'

Cc: Bruce Chaytor ; s.22
s.22
Subject: RE: Information bulletin #38
Thanks for the reply Mark, I agree that we need guidelines that include recreational, But I feel this approach may be problematic, as it was developed by those against without a pro viewpoint. Bruce

---

From: Messmer, Mark J MEM:EX [mailto:Mark.Messmer@gov.bc.ca]
Sent: Sunday, March 13, 2016 11:59 AM
To: 'Bruce Chaytor'
Cc: s.22
s.22
Subject: RE: Information bulletin #38

Hi Bruce,

Information Update 38 was drafted with input from a number of MEM staff across the province and was reviewed by the Deputy Chief Inspector of Mines.

Mineral Titles Branch receives a steady stream of inquiries from free miners and recorded holders of placer claims about what they can do on their placer claims, and whether or not they need a permit to do what they are proposing. As well, compliance and enforcement staff from FLNRO and MOE have been requesting MEM to clarify hand placer mining activities that may be conducted in the absence of Mines Act permit.

Recreational hand panning, as per section 9 of the Mineral Tenure Act, may only be conducted away from areas where a valid mineral title exists, or on a mineral title with permission of the recorded holder.

A person who is a free miner and conducts placer mining activity on their claim(s) is not considered to be engaging in a recreational activity. Information update 38 guidelines defines the placer mining activities that recorded holders can engage in on their claims. If a recorded holder want to engage in recreational hand panning they may do so off their mineral titles, or on someone else's mineral title with permission of the recorded holder of the title.

Hand panning is defined in section 1 of the Mineral Tenure Act. Donning a wet suit and engaging in sniping, or use of any equipment within a watercourse other than a hand pan, a shovel, and a metal detector, is not consistent with the definition of recreational hand panning, and is also not permitted as per the hand placer mining guidelines in info update 38.

The hand placer mining guidelines are to inform recorded holders of placer titles, what they can do on their placer titles without having to apply for a notice of work/mines act permit.

In light of your comments, we will review information update number 2 to ensure it is clear on all these points.

I have copied your note to the Chief Gold Commissioner and to all the Regional Health Safety and Permitting Branch Directors for their information.

If you have any further questions or would like to discuss, please contact me anytime.

Thanks,
Mark

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: Bruce Chaytor [mailto:bchaytor@shaw.ca]
Sent: Thursday, March 10, 2016 10:44 PM
To: Messmer, Mark J MEM:EX
Cc: Bruce Chaytor s.22
s.22
Subject: Information bulletin #38

s.22

Bruce Chaytor President BCPMA

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Sunday, March 13, 2016 2:24 PM
To: Quist, Bev MEM:EX
Subject: RE: Information bulletin #38

s.22

From: Quist, Bev MEM:EX
Sent: Sunday, March 13, 2016 2:23 PM
To: Messmer, Mark J MEM:EX
Subject: Re: Information bulletin #38

I'm driving to Van s.22
s.22

Sent from my iPhone

On Mar 13, 2016, at 1:25 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:

> Thanks!
>
> I would still like to have a bit better understanding of the statutory underpinnings of the guidelines. Section 10(2) of the Mines Act states that the CI is satisfied they "may exempt in writing…" I would like to know if these guidelines are effectively such an exemption in writing, and an open letter to all recorded holders of placer titles. If yes, we might want to modify the guidelines so that message is explicit.
>
> Are you driving or flying to Van?

> **From:** Quist, Bev MEM:EX
> **Sent:** Sunday, March 13, 2016 1:15 PM
> **To:** Messmer, Mark J MEM:EX
> **Subject:** Re: Information bulletin #38
>
> Great response. See you Tuesday.
>
> Cheers
> Bev
>
> Sent from my iPhone
>
> On Mar 13, 2016, at 11:59 AM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>
> > Hi Bruce,
> >
> > Information Update 38 was drafted with input from a number of MEM staff across the province and was reviewed by the Deputy Chief Inspector of Mines.

Mineral Titles Branch receives a steady stream of inquiries from free miners and recorded holders of placer claims about what they can do on their placer claims, and whether or not they need a permit to do what they are proposing. As well, compliance and enforcement staff from FLNRO and MOE have been requesting MEM to clarify hand placer mining activities that may be conducted in the absence of Mines Act permit.

Recreational hand panning, as per section 9 of the Mineral Tenure Act, may only be conducted away from areas where a valid mineral title exists, or on a mineral title with permission of the recorded holder.

A person who is a free miner and conducts placer mining activity on their claim(s) is not considered to be engaging in a recreational activity. Information update 38 guidelines defines the placer mining activities that recorded holders can engage in on their claims. If a recorded holder want to engage in recreational hand panning they may do so off their mineral titles, or on someone else's mineral title with permission of the recorded holder of the title.

Hand panning is defined in section 1 of the Mineral Tenure Act. Donning a wet suit and engaging in sniping, or use of any equipment within a watercourse other than a hand pan, a shovel, and a metal detector, is not consistent with the definition of recreational hand panning, and is also not permitted as per the hand placer mining guidelines in info update 38.

The hand placer mining guidelines are to inform recorded holders of placer titles, what they can do on their placer titles without having to apply for a notice of work/mines act permit.

In light of your comments, we will review information update number 2 to ensure it is clear on all these points.

I have copied your note to the Chief Gold Commissioner and to all the Regional Health Safety and Permitting Branch Directors for their information.

If you have any further questions or would like to discuss, please contact me anytime.

Thanks,
Mark

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: Bruce Chaytor s.22
Sent: Thursday, March 10, 2016 10:44 PM
To: Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22

Subject: Information bulletin #38

s.22

Bruce Chaytor President BCPMA

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Friday, March 11, 2016 9:35 AM
To: 'Bruce Chaytor'
Cc: s.22

Subject: RE: Information bulletin #38

Thanks Bruce,

I will discuss with May and get back to you soon.

From: Bruce Chaytor s.22
Sent: Thursday, March 10, 2016 10:44 PM
To: Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Information bulletin #38

s.22

Bruce Chaytor President BCPMA

Messmer, Mark J MEM:EX

From: Messmer, Mark J MEM:EX
Sent: Friday, March 11, 2016 8:53 AM
To: Mah-Paulson, May MEM:EX
Subject: RE: Information bulletin #38

Hi Bruce,

Information Update 38 was drafted with input from a number of MEM staff across the province, and was reviewed by the Deputy Chief Inspector of Mines. The placer hand mining guidelines in this information update are essentially the same as MEM's Information Letter No. 1 from 2004 entitled "Guide to Placer Hand Mining Acceptable Practices for Hand Mining", which in turn was derived from an earlier Federal Department of Fisheries and Oceans "Fish Habitat Protection Guidelines for Placer Mining, Acceptable Practices for Hand Mining".

Mineral Titles Branch receives a steady stream of inquiries from free miners about what they can do on their placer claims. As well, compliance and enforcement staff from FLNRO and MOE have been requesting MEM to clarify hand placer mining activities that may be conducted without a permit under section 10 of the Mines Act.

Recreational hand panning, as per section 9 of the Mineral Tenure Act, is permitted only for persons who are not free miners and may only be conducted away from areas where a valid mineral title exists, or on a mineral title with permission of the recorded holder. If a person is a free miner, then any placer mining activity they engage in by definition is not recreational.

The only equipment permitted when conducting recreational hand panning is a pan and a shovel. Donning a wetsuit and exploring for minerals in the bed of or riparian area of a watercourse is not permitted either as a recreational activity, or as a mining activity conducted by a free miner.

I have copied your note to the Chief Gold Commissioner and to all the Regional Health Safety and Permitting Branch Directors for their information.

If you have any further questions or would like to discuss, please call me anytime.

Thanks,
Mark

From: Bruce Chaytor s.22
Sent: Thursday, March 10, 2016 10:44 PM
To: Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Information bulletin #38

s.22

Bruce Chaytor President BCPMA

Messmer, Mark J MEM:EX

From: Quist, Bev MEM:EX
Sent: Thursday, March 17, 2016 2:17 PM
To: Messmer, Mark J MEM:EX
Subject: Re: IU 38

The WSA is very, very long.

Sent from my iPhone

On Mar 17, 2016, at 2:15 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:

> I think no. If you get questions, just say we are reviewing it and hope to have an updated version of it posted very soon.
>
> ---
>
> **From:** Quist, Bev MEM:EX
> **Sent:** Thursday, March 17, 2016 2:03 PM
> **To:** Messmer, Mark J MEM:EX
> **Subject:** IU 38
>
> IU 38 seems to be circulating fairly rapidly despite being taken off the website. Do we want to post a note on the webpage? Something to the effect of:
>
> "Information Update no. 38 (Acceptable Practices for Placer Hand Mining in British Columbia) has been removed from the website for the time being to ensure that it is in compliance with the recently published *Water Sustainability Act*. Please continue with your current practices until the document is revised"
>
> Bev Quist
> Mineral Titles Inspector
> Ministry of Energy and Mines
> 2nd Floor, 441 Columbia St
> Kamloops, BC, V2C 2T3
> 250.371.3786

Messmer, Mark J MEM:EX

From: Quist, Bev MEM:EX
Sent: Thursday, March 17, 2016 2:03 PM
To: Messmer, Mark J MEM:EX
Subject: IU 38

IU 38 seems to be circulating fairly rapidly despite being taken off the website. Do we want to post a note on the webpage? Something to the effect of:

"Information Update no. 38 (Acceptable Practices for Placer Hand Mining in British Columbia) has been removed from the website for the time being to ensure that it is in compliance with the recently published *Water Sustainability Act*. Please continue with your current practices until the document is revised"

Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

Messmer, Mark J MEM:EX

From: Quist, Bev MEM:EX
Sent: Thursday, March 17, 2016 10:13 AM
To: Messmer, Mark J MEM:EX
Subject: FW: Acceptable mining practices No 38

FYI

I was actually thinking last night that the way IU 38 is written that people conducting hard rock sampling programs using silt sampling techniques would have questions.

From: s.22
Sent: Thursday, March 17, 2016 10:06 AM
To: Quist, Bev MEM:EX
Subject: FW: Acceptable mining practices No 38

From: s.22
Sent: March-17-16 9:49 AM
To: Rick Conte (rconte@amebc.ca)
Cc: Diane Nicolson (DianeNicolson@hdimining.com); Craig Lynes (prospect@richriver.bc.ca); Brad Gretchev (chamberofmines@netidea.com); s.22 G. Dirom (gdirom@amebc.ca); Barry Price (bpricegeol@telus.net)
Subject: FW: Acceptable mining practices No 38

Dear Rick,

Does this affect hard rock mineral exploration such as RGS (silt and moss mat sampling in streams), and heavy mineral sampling in streams?

Sincerely s.22
s.22

From: Rich River Exploration Ltd. [mailto:prospect@richriver.bc.ca]
Sent: March-16-16 12:05 PM
To: John Chapman
Subject: Fw: Acceptable mining practices No 38

Greetings John
I have just been made aware of this absurd new update from our mining friendly government.
How absolutely ridiculous is this?
Why pick on the individual placer miner. Please feel free to forward this to anyone you think may be interested.

Check out the new update... http://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/mineral-exploration-mining/documents/mineral-titles/notices-mineral-placer-titles/information-updates/infoupdate38.pdf

Regards

Craig Lynes
Rich River Exploration Ltd.
www.richriver.bc.ca
Office: 250-832-2089
Cell: 250-804-5840

From: s.22
Sent: Wednesday, March 16, 2016 11:16 AM
To: Rich River Exploration Ltd.
Subject: Acceptable mining practices No 38

If you get a chance Craig, google acceptable mining practices NO.38, this is more bad news for placer claim owners, no more hand panning or gold recovery from underwater in all streams. I phoned our new inspector Bev Quist, she assisted in making these new regulations. This is essentially a confiscation without compensation of a portion of our claims, if you could pass the word around, this has to be changed.

s.22

This email is free from viruses and malware because Ad-Aware Email Protection is active.

Messmer, Mark J MEM:EX

From: Quist, Bev MEM:EX
Sent: Wednesday, March 16, 2016 4:54 PM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: Re: IU 38

Rick is out of the office today but I'll check in with him tomorrow.

Cheers
Be

Sent from my iPhone

> On Mar 16, 2016, at 4:47 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>
> I think that was intentional, but you might want to ask Rick Adams about that.
>
> As it stands, if you are doing hand placer mining on your claim, you are not allowed to do any work in the creek.
>
> You might also want to ask Rick if he knows anything about the permit requirement for water use - when does that take effect, and should we be mentioning it in the IU?
>
> Cheers,
> Mark
>
>
> -----Original Message-----
> From: Quist, Bev MEM:EX
> Sent: Wednesday, March 16, 2016 4:44 PM
> To: Messmer, Mark J MEM:EX
> Cc: Newell, Chris J MEM:EX; Samuelson, Karen E MEM:EX; Upper, Andrew MEM:EX
> Subject: Re: IU 38
>
> I think we may want to rewrite some of the wording so it's more clear to people. Right now the way it's written prohibits any sort of panning in the creeks.
>
> Sent from my iPhone
>
>> On Mar 16, 2016, at 4:28 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>>
>> Sorry meant to tell you.
>>
>> I am trying to find out what if anything the new water sustainability act and regs will have an impact and if we need to mention this.
>>
>> -----Original Message-----
>> From: Quist, Bev MEM:EX
>> Sent: Wednesday, March 16, 2016 4:24 PM

>> To: Samuelson, Karen E MEM:EX
>> Cc: Messmer, Mark J MEM:EX; Newell, Chris J MEM:EX
>> Subject: Re: IU 38
>>
>> Yeah I think there are some revisions we'll have to make.
>>
>> Thanks!
>>
>> Sent from my iPhone
>>
>>> On Mar 16, 2016, at 4:22 PM, Samuelson, Karen E MEM:EX <Karen.Samuelson@gov.bc.ca> wrote:
>>>
>>> Hey Bev,
>>>
>>> Mark asked me to pull it off the site. I do not know why, other than revisions needed, or a suggestion to respond to the clients.
>>>
>>> Enter, Mark M.
>>> :)
>>>
>>> Karen
>>>
>>> -----Original Message-----
>>> From: Quist, Bev MEM:EX
>>> Sent: Wednesday, March 16, 2016 4:15 PM
>>> To: Samuelson, Karen E MEM:EX
>>> Subject: IU 38
>>>
>>> Information Update 38 isn't showing up for me on any of my browsers but people have started to call and complain so it must be posted somewhere? Did it get pulled down or do I have a problem with cookies or something?
>>>
>>> Sent from my iPhone

Messmer, Mark J MEM:EX

From: Quist, Bev MEM:EX
Sent: Wednesday, March 16, 2016 4:44 PM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Samuelson, Karen E MEM:EX; Upper, Andrew MEM:EX
Subject: Re: IU 38

I think we may want to rewrite some of the wording so it's more clear to people. Right now the way it's written prohibits any sort of panning in the creeks.

Sent from my iPhone

> On Mar 16, 2016, at 4:28 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:
>
> Sorry meant to tell you.
>
> I am trying to find out what if anything the new water sustainability act and regs will have an impact and if we need to mention this.
>
> -----Original Message-----
> From: Quist, Bev MEM:EX
> Sent: Wednesday, March 16, 2016 4:24 PM
> To: Samuelson, Karen E MEM:EX
> Cc: Messmer, Mark J MEM:EX; Newell, Chris J MEM:EX
> Subject: Re: IU 38
>
> Yeah I think there are some revisions we'll have to make.
>
> Thanks!
>
> Sent from my iPhone
>
>> On Mar 16, 2016, at 4:22 PM, Samuelson, Karen E MEM:EX <Karen.Samuelson@gov.bc.ca> wrote:
>>
>> Hey Bev,
>>
>> Mark asked me to pull it off the site. I do not know why, other than revisions needed, or a suggestion to respond to the clients.
>>
>> Enter, Mark M.
>> :)
>>
>> Karen
>>
>> -----Original Message-----
>> From: Quist, Bev MEM:EX
>> Sent: Wednesday, March 16, 2016 4:15 PM
>> To: Samuelson, Karen E MEM:EX
>> Subject: IU 38

>>
>> Information Update 38 isn't showing up for me on any of my browsers but people have started to call and complain so it must be posted somewhere? Did it get pulled down or do I have a problem with cookies or something?
>>
>> Sent from my iPhone

Messmer, Mark J MEM:EX

From: Quist, Bev MEM:EX
Sent: Wednesday, March 16, 2016 4:24 PM
To: Samuelson, Karen E MEM:EX
Cc: Messmer, Mark J MEM:EX; Newell, Chris J MEM:EX
Subject: Re: IU 38

Yeah I think there are some revisions we'll have to make.

Thanks!

Sent from my iPhone

> On Mar 16, 2016, at 4:22 PM, Samuelson, Karen E MEM:EX <Karen.Samuelson@gov.bc.ca> wrote:
>
> Hey Bev,
>
> Mark asked me to pull it off the site. I do not know why, other than revisions needed, or a suggestion to respond to the clients.
>
> Enter, Mark M.
> :)
>
> Karen
>
> -----Original Message-----
> From: Quist, Bev MEM:EX
> Sent: Wednesday, March 16, 2016 4:15 PM
> To: Samuelson, Karen E MEM:EX
> Subject: IU 38
>
> Information Update 38 isn't showing up for me on any of my browsers but people have started to call and complain so it must be posted somewhere? Did it get pulled down or do I have a problem with cookies or something?
>
> Sent from my iPhone

Messmer, Mark J MEM:EX

From: s.22
Sent: Monday, March 14, 2016 8:50 AM
To: Messmer, Mark J MEM:EX
Subject: RE: Information bulletin #38

Good morning Mark,

Would you be able to forward Info Update #38 to me as I am unable to locate on line.

s.22

From: Messmer, Mark J MEM:EX [mailto:Mark.Messmer@gov.bc.ca]
Sent: March-14-16 8:26 AM
To: 'Cal Olsson'
Cc: 'Bruce Chaytor'; s.22
s.22 'Bruce Chaytor'
Subject: RE: Information bulletin #38

Good Morning Mr. Olsson,

You can definitely hand pan on your placer claims, provided you do it in accordance with the guidelines as stated in Info Update 38.

If you have any other questions, please contact me anytime.

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: s.22
Sent: Sunday, March 13, 2016 8:27 PM
To: Bruce Chaytor; Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Re: Information bulletin #38

Hi again Bruce;

The word from the uncivil servant Mr. Messmer that a claim holder can't pan on their claim is absurd. What about prospecting sampling and cleanups. Whether you call it recreational or otherwise it is still panning. Maybe some prospectors/ miners find their work 'recreational'.

I can hardly wait for this batch of regulators and their minions to pound sand. Ronald MacDonald could do better!

s.22

From: Bruce Chaytor

- **Date:** Sunday, March 13, 2016 12:40 PMo

To: 'Messmer, Mark J MEM:EX'
Cc: Bruce Chaytor s.22
s.22
Subject: RE: Information bulletin #38
Thanks for the reply Mark, I agree that we need guidelines that include recreational, But I feel this approach may be problematic, as it was developed by those against without a pro viewpoint. Bruce

From: Messmer, Mark J MEM:EX [mailto:Mark.Messmer@gov.bc.ca]
Sent: Sunday, March 13, 2016 11:59 AM
To: 'Bruce Chaytor'
s.22

Subject: RE: Information bulletin #38

Hi Bruce,

Information Update 38 was drafted with input from a number of MEM staff across the province and was reviewed by the Deputy Chief Inspector of Mines.

Mineral Titles Branch receives a steady stream of inquiries from free miners and recorded holders of placer claims about what they can do on their placer claims, and whether or not they need a permit to do what they are proposing. As well, compliance and enforcement staff from FLNRO and MOE have been requesting MEM to clarify hand placer mining activities that may be conducted in the absence of Mines Act permit.

Recreational hand panning, as per section 9 of the Mineral Tenure Act, may only be conducted away from areas where a valid mineral title exists, or on a mineral title with permission of the recorded holder.

A person who is a free miner and conducts placer mining activity on their claim(s) is not considered to be engaging in a recreational activity. Information update 38 guidelines defines the placer mining activities that recorded holders can engage in on their claims. If a recorded holder want to engage in recreational hand panning they may do so off their mineral titles, or on someone else's mineral title with permission of the recorded holder of the title.

Hand panning is defined in section 1 of the Mineral Tenure Act. Donning a wet suit and engaging in sniping, or use of any equipment within a watercourse other than a hand pan, a shovel, and a metal detector, is not consistent with the

definition of recreational hand panning, and is also not permitted as per the hand placer mining guidelines in info update 38.

The hand placer mining guidelines are to inform recorded holders of placer titles, what they can do on their placer titles without having to apply for a notice of work/mines act permit.

In light of your comments, we will review information update number 2 to ensure it is clear on all these points.

I have copied your note to the Chief Gold Commissioner and to all the Regional Health Safety and Permitting Branch Directors for their information.

If you have any further questions or would like to discuss, please contact me anytime.

Thanks,
Mark

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

From: Bruce Chaytor [mailto:bchaytor@shaw.ca]
Sent: Thursday, March 10, 2016 10:44 PM
To: Messmer, Mark J MEM:EX
Cc: Bruce Chaytor; s.22
s.22
Subject: Information bulletin #38

s.22

Bruce Chaytor President BCPMA

Messmer, Mark J MEM:EX

From: Samuelson, Karen E MEM:EX
Sent: Wednesday, March 16, 2016 4:22 PM
To: Quist, Bev MEM:EX
Cc: Messmer, Mark J MEM:EX
Subject: RE: IU 38

Hey Bev,

Mark asked me to pull it off the site. I do not know why, other than revisions needed, or a suggestion to respond to the clients.

Enter, Mark M.
:)

Karen

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, March 16, 2016 4:15 PM
To: Samuelson, Karen E MEM:EX
Subject: IU 38

Information Update 38 isn't showing up for me on any of my browsers but people have started to call and complain so it must be posted somewhere? Did it get pulled down or do I have a problem with cookies or something?

Sent from my iPhone

Messmer, Mark J MEM:EX

From: Upper, Andrew MEM:EX
Sent: Friday, April 15, 2016 10:05 AM
To: Messmer, Mark J MEM:EX
Subject: RE: Information update #38

s.22 holds 3 Placer Claims s.22 and 5 Placer Claims s.22 .

Andrew

From: Messmer, Mark J MEM:EX
Sent: Friday, April 15, 2016 9:58 AM
To: Upper, Andrew MEM:EX
Subject: RE: Information update #38

In what region(s) does this person have claims?

From: Upper, Andrew MEM:EX
Sent: Friday, April 15, 2016 8:49 AM
To: Messmer, Mark J MEM:EX
Subject: FW: Information update #38

Hi Mark. FYI.

Andrew

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:43 AM
To: Upper, Andrew MEM:EX
Cc: Mineral Titles Branch MEM:EX
Subject: FW: Information update #38

Hi Andrew,

I'm not sure if you're the correct person to forward this to or not. Please let me know if I need to send it on.

Thanks, Claudia

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:41 AM
To: s.22
Cc: Mineral Titles Branch MEM:EX
Subject: RE: Information update #38

Dear s.22

Thank you for your email. Your concerns are being forwarded to our management team for response. You will be contacted directly if any further information is required or forthcoming.

Thank you,

Claudia Fleming
Titles Technician
Mineral Titles Branch

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM
To: Smith, Chris MEM:EX
Subject: Information update #38

Dear Mr. Smith,

I need to let you know how displeased I am with Information Update #38.
I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.

Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.
Unless one has a large river on a claim, it is now impossible to work it by hand to any success. Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!
This update means that I cannot even dig behind a boulder at low water to pan!
And no "hand powered" sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!

This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way.
This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.

British Columbia's history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.
I recommend the people who wrote these "acceptable" practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.'s "artisanal" miners.

I believe that this "one size fits all" approach does NOT fit!

I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a "best practices" regime that people will work with, not against. I feel that consultation, cooperation and observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.

Thank you for your time, I look forward to your reply

s.22

Messmer, Mark J MEM:EX

From: Upper, Andrew MEM:EX
Sent: Friday, April 15, 2016 8:49 AM
To: Messmer, Mark J MEM:EX
Subject: FW: Information update #38

Hi Mark. FYI.

Andrew

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:43 AM
To: Upper, Andrew MEM:EX
Cc: Mineral Titles Branch MEM:EX
Subject: FW: Information update #38

Hi Andrew,

I'm not sure if you're the correct person to forward this to or not. Please let me know if I need to send it on.

Thanks, Claudia

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:41 AM
To: s.22
Cc: Mineral Titles Branch MEM:EX
Subject: RE: Information update #38

Dear s.22

Thank you for your email. Your concerns are being forwarded to our management team for response. You will be contacted directly if any further information is required or forthcoming.

Thank you,

Claudia Fleming
Titles Technician
Mineral Titles Branch

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM
To: Smith, Chris MEM:EX
Subject: Information update #38

Dear Mr. Smith,

I need to let you know how displeased I am with Information Update #38.

I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.

Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.
Unless one has a large river on a claim, it is now impossible to work it by hand to any success. Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!
This update means that I cannot even dig behind a boulder at low water to pan!
And no “hand powered” sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!

This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way. This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.

British Columbia’s history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.
I recommend the people who wrote these “acceptable” practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.’s “artisanal” miners.

I believe that this “one size fits all” approach does NOT fit!

I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a “best practices” regime that people will work with, not against. I feel that consultation, cooperation and observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.

Thank you for your time, I look forward to your reply

s.22

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	FW: info update no. 38
Date:	Tuesday, April 12, 2016 8:36:07 AM
Attachments:	InfoUpdate38.docx

Any last minute comments before the end of the day please.

Rick Adams has reviewed and is ok with it, still waiting to hear back from Glen Hendrickson.

Thanks!

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to

review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,

Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced “hand placer mining” and info update no. 38

In developing our info bulletin for our 2016 exemption for placer

and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Mineral Titles

Information Update

No. 38 – Acceptable Practices for Placer Hand Mining in British Columbia

Date: XXX

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application or obtaining a *Mines Act* permit.

The provisions of Section 6(3) of the *Water Sustainability Act* that allow the use of unrecorded water to prospect for a mineral apply to placer hand mining practices as described in this information update.

DEFINITIONS

Gravel bar: an elevated area of sediment (such as sand or gravel) deposited above the water flow.

Placer Hand Mining: hand operations are defined as those using hand tools including: hand sluice, high banker and water pump (maximum 38 mm intake).

Riparian Setback: With the exception of the Fraser River, a riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2. On the Fraser River, the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and all work and disturbance must remain at least 1 m in elevation above the current water level.

Watercourse: the area between the high water marks on the opposite banks; and includes the banks, the gravel bars and the stream at any running level.

The term "**operate in the dry**" applies to all aspects of hand mining including the excavation of gravel

In the event of a discrepancy between this information and the provisions of the *Mineral Tenure Act, the Water Sustainability Act, Mines Act and regulations under these Acts,* the acts and regulations will apply.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

www.mineraltitles.gov.bc.ca

Email: Mineral.Titles@gov.bc.ca

The following outlines acceptable practices for placer hand mining:

1. No pay dirt may be extracted from under the water of any watercourse.

2. No placer hand mining, (including the removal of vegetation or gravel or other disturbance) may occur within the riparian setback, aside from a narrow foot path to access areas that are outside the riparian setback. Placer hand mining may only occur on areas outside of the riparian setback, whether on a gravel bar or above the high water mark of a watercourse. Placer hand mining is restricted to un-vegetated portions of the gravel bar and absolutely no vegetation is to be removed or disturbed.

3. Excavated material from a gravel bar must not be transported away from the gravel bar for processing. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled to avoid the entrapment of fish should water levels fluctuate due to seasonal variation.

4. There must be no discharge of silt laden water into a watercourse. All water discharged from a sluice box or high banker must be discharged into a settling pond for exfiltration.

5. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback. A sluice box must not be used within the flowing water of any watercourse.

6. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

7. Fuel must not be stored within the high water mark or riparian setback and emergency spill kits shall be retained on site.

8. The use of suction dredging and hand or mechanically powered “sniping” equipment in any watercourse is not permitted.

9. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when the claim is not occupied for the purpose of conducting placer mining activity. Placer claims must not be used for recreational camping or other recreational purposes and may only be

occupied by the recorded holder while legitimate placer exploration activity is occurring. All waste shall be disposed of in a manner that provides full protection to the watercourse.

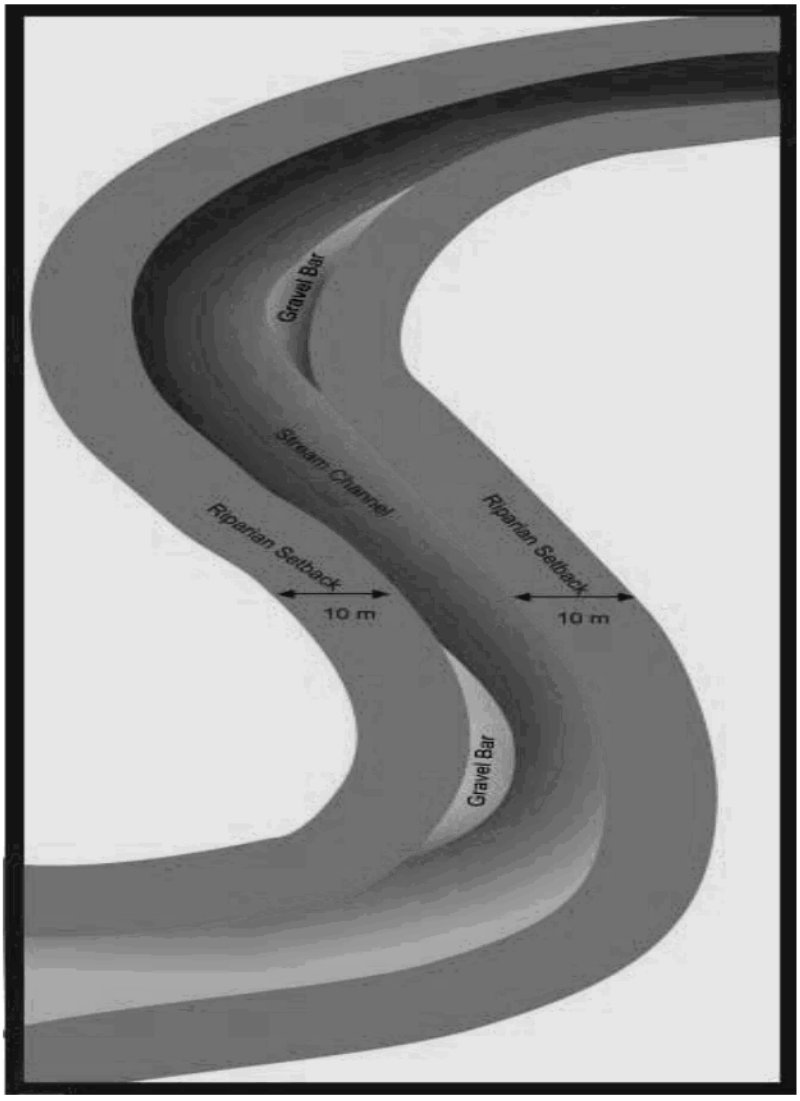


Figure 1: Depiction of the 10 metre riparian setback from a watercourse. The 10 metres is measured from the high water mark.

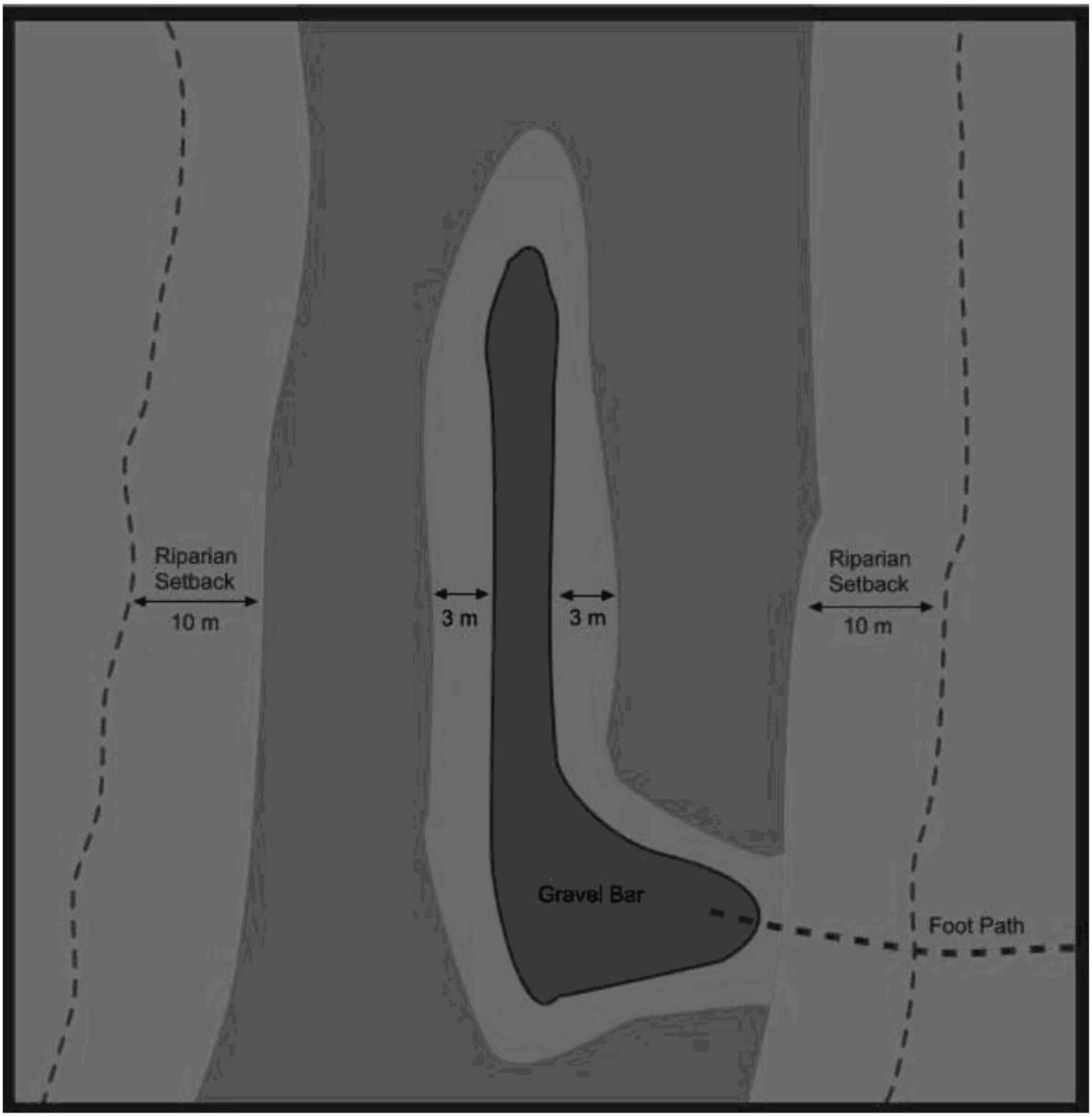


Figure 2: Depiction of the 3 metre riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 metre riparian setback along the watercourse.

From:	Newell, Chris J MEM:EX
To:	Quist, Bev MEM:EX
Subject:	RE: IU 38
Date:	Tuesday, April 12, 2016 8:52:57 AM

Hi there Bev, I like the FAQ. The pictures look good also. They may not photo copy in black and white well but other than that it looks good.
Chris

From: Quist, Bev MEM:EX
Sent: Monday, April 11, 2016 2:26 PM
To: Newell, Chris J MEM:EX
Subject: FW: IU 38

Hey Chris,
Here's the latest draft of IU 38, let me know what you think when you have some time (you're probably swamped right now).
- I don't like the pictures, I think they should be re-drawn by a professional
- I don't think that Mark and Andrew think the FAQ at the end are a good idea, so they'll probably get removed.

Thanks!
Bev

From: Upper, Andrew MEM:EX
Sent: Thursday, April 7, 2016 9:43 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: FW: IU 38

This looks good. My comments at the very end.
Andrew

From: Quist, Bev MEM:EX
Sent: Thursday, April 7, 2016 9:33 AM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: IU 38

Hi Andrew,
Please see attached for the latest version of IU38.

- I've tried to make a very clear distinction between hand panning and hand mining and emphasize that this document is covering hand mining not hand panning. Let me know if it's not clear enough…
- I tried to consolidate some of the bullet points on page two. Points 4 and 5 still seem a bit wordy to me.
- I kept the FAQ that I'd already written so you can take a look at it (we can just delete them if they're something you/Mark are not interested in). All of the information in the FAQ is in the bullet points, but I tried to create a list of the most common questions that I get from people. I want there to be clear answers for people in this document because a lot of the initial feedback from people is that the document was not clear.
- I think that the diagrams/maps could/should be redrawn by someone with graphic design skills. Ideally, they'd be drawn in black and white or very limited colour so that they print well in black and white. If we got them redrawn we could fit them on one page to keep the document brief.

- I took a stab at a disclaimer at the bottom, but it needs some work.

Let me know what you think and I can take another stab at it later today.

Cheers
Bev Quist
Mineral Titles Inspector
Ministry of Energy and Mines
2nd Floor, 441 Columbia St
Kamloops, BC, V2C 2T3
250.371.3786

Page 214 to/à Page 217

Withheld pursuant to/removed as

DUPLICATE

Mineral Titles

Information Update

No. 38 – Acceptable Practices for Placer Hand Mining in British Columbia

April 12, 2016

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application or obtaining a *Mines Act* permit.

The provisions of Section 6(3) of the *Water Sustainability Act* that allow the use of unrecorded water to prospect for a mineral apply to placer hand mining practices as described in this information update.

DEFINITIONS

Gravel bar: an elevated area of sediment (such as sand or gravel) deposited above the water flow.

Placer Hand Mining: hand operations are defined as those using hand tools including: hand sluice, high banker and water pump (maximum 38 mm intake).

Riparian Setback: With the exception of the Fraser River, a riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2. On the Fraser River, the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and all work and disturbance must remain at least 1 m in elevation above the current water level.

Watercourse: the area between the high water marks on the opposite banks; and includes the banks, the gravel bars and the stream at any running level.

The term "**operate in the dry**" applies to all aspects of hand mining including the excavation of gravel

In the event of a discrepancy between this information and the provisions of the *Mineral Tenure Act, the Water Sustainability Act, Mines Act and regulations under these Acts,* the acts and regulations will apply.

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

The following outlines acceptable practices for placer hand mining:

1. No pay dirt may be extracted from under the water of any watercourse. The exceptions to this restriction are panning and collecting silt samples which are permissible activities within the wetted perimeter of a watercourse.

2. No placer hand mining, (including the removal of vegetation or gravel or other disturbance) may occur within the riparian setback, aside from a narrow foot path to access areas that are outside the riparian setback. Placer hand mining may only occur on areas outside of the riparian setback, whether on a gravel bar or above the high water mark of a watercourse. Placer hand mining is restricted to un-vegetated portions of the gravel bar and absolutely no vegetation is to be removed or disturbed.

3. Excavated material from a gravel bar must not be transported away from the gravel bar for processing. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled to avoid the entrapment of fish should water levels fluctuate due to seasonal variation.

4. There must be no discharge of silt laden water into a watercourse. All water discharged from a sluice box or high banker must be discharged into a settling pond for exfiltration.

5. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback. A sluice box must not be used within the flowing water of any watercourse.

6. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

7. Fuel must not be stored within the high water mark or riparian setback and emergency spill kits shall be retained on site.

8. The use of suction dredging and hand or mechanically powered “sniping” equipment in any watercourse is not permitted.

9. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when

the claim is not occupied for the purpose of conducting placer mining activity. Placer claims must not be used for recreational camping or other recreational purposes and may only be occupied by the recorded holder while legitimate placer exploration activity is occurring. All waste shall be disposed of in a manner that provides full protection to the watercourse.

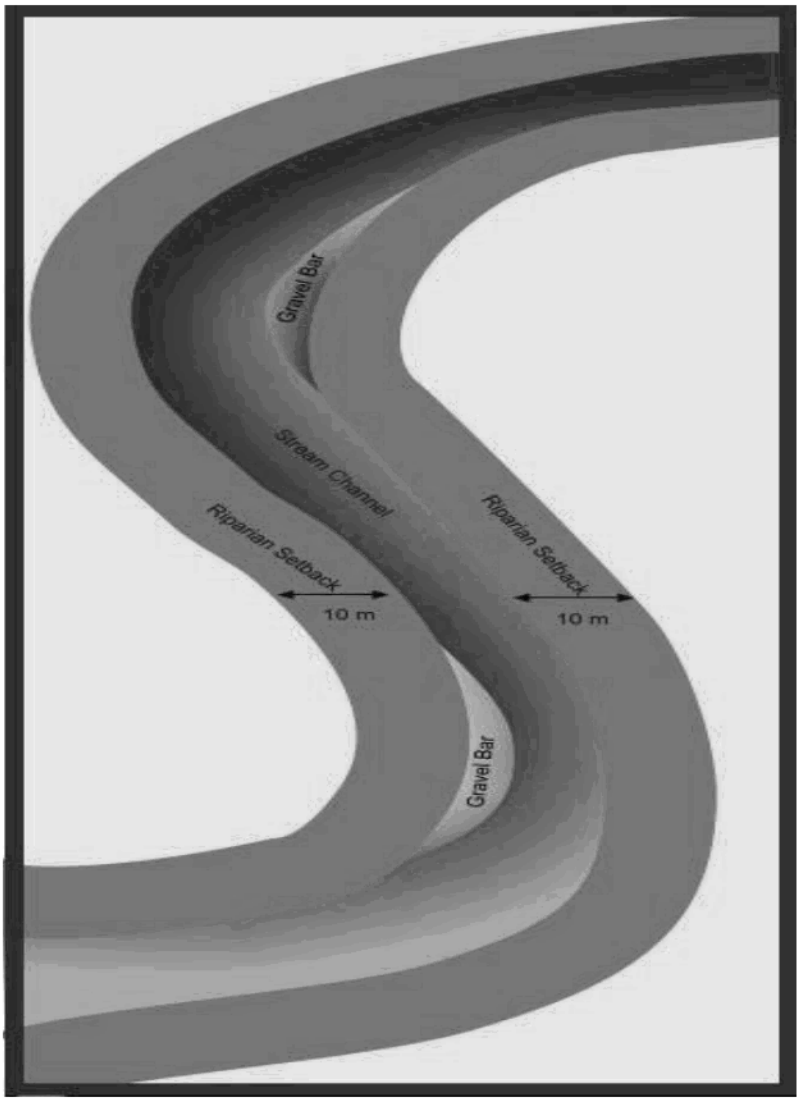


Figure 1: Depiction of the 10 metre riparian setback from a watercourse. The 10 metres is measured from the high water mark.

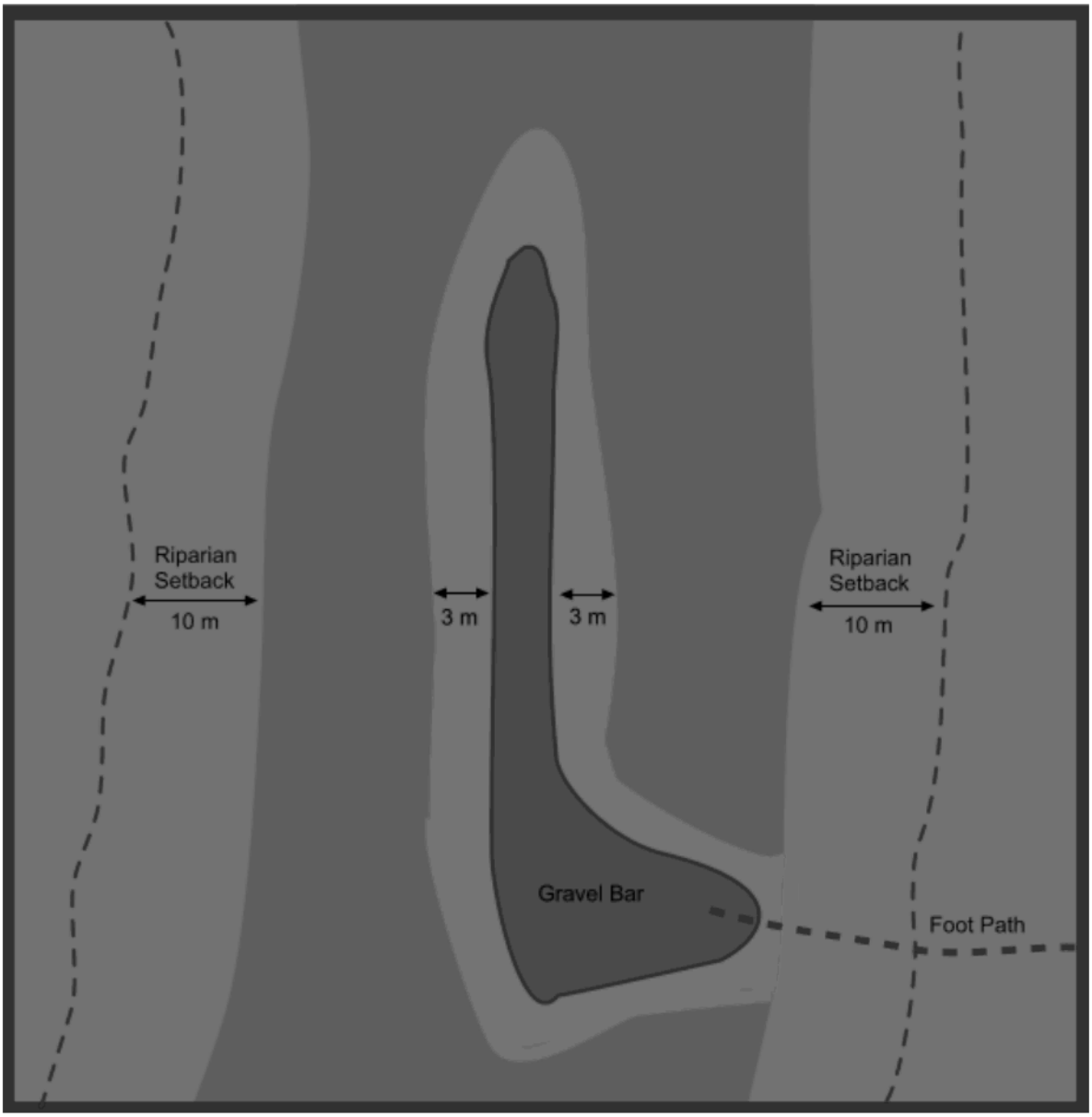


Figure 2: Depiction of the 3 metre riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 metre riparian setback along the watercourse.

From:	Upper, Andrew MEM:EX
To:	Samuelson, Karen E MEM:EX
Subject:	FW: info update no. 38
Date:	Wednesday, April 13, 2016 10:29:00 AM
Attachments:	InfoUpdate38.docx

As discussed.

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 1:01 PM
To: Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: info update no. 38

This includes final comments from Glen Hendrickson. Basically a change to point 1.

From: Messmer, Mark J MEM:EX
Sent: Tuesday, April 12, 2016 8:36 AM
To: Quist, Bev MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: FW: info update no. 38

Any last minute comments before the end of the day please.

Rick Adams has reviewed and is ok with it, still waiting to hear back from Glen Hendrickson.

Thanks!

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 6:03 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Rick and Glen, let me know if you have any comments on this version. Thanks!

<< File: InfoUpdate38.docx >>

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:49 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Okay then. I am tasked with trying to get the bulletin done for distribution tomorrow so it will have to go without the hyperlink unless there's somewhere else I can link to. Any suggestions?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:46 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

My hope is by the end of next week – it depends on Rick's and Glen's time to review a new draft.

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Messmer, Mark J MEM:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Any idea on timing of that?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

From: Messmer, Mark J MEM:EX
Sent: Monday, April 11, 2016 3:45 PM
To: Cairns, Randy ENV:EX
Cc: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Subject: RE: info update no. 38

Hi Randy,

The plan is to re-post information update 38 once we have made the appropriate edits.

I will send you the link once we have re-posted.

Thanks,

Mark

From: Cairns, Randy ENV:EX
Sent: Monday, April 11, 2016 3:38 PM
To: Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX; Messmer, Mark J MEM:EX
Subject: info update no. 38

Through our discussions around prospecting (placer and exploration drilling) we have referenced "hand placer mining" and info update no. 38

In developing our info bulletin for our 2016 exemption for placer and MX drilling I'd like to provide links to these documents. I fournd the hand panning info update no. 2 here but have been unable to locate no. 38. I seem to recall that you pulled it for this and some other reasons. Are you going to repost or is there another document or web page that provides some more detail for hand placer mining that I can link to?

Randy Cairns
Water Protection and Sustainability Branch
Environmental Sustainability and Strategic Policy Division
Ministry of Environment
(250) 387-3768
www.livingwatersmart.ca

Page 225 to/à Page 228

Withheld pursuant to/removed as

DUPLICATE

From:	Samuelson, Karen E MEM:EX
To:	MEM MT
Subject:	website: Information Update #38
Date:	Wednesday, April 13, 2016 10:38:54 AM

All,

The Info Update for **Acceptable Practices for Placer Hand Mining in British Columbia** has been posted to our branch website.

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates

Karen Samuelson
Manager, Data and Information Management
Mineral Titles Branch
Ministry of Energy and Mines
300-865 Hornby Street, Vancouver, BC
karen.samuelson@gov.bc.ca | phone: 604-660-1619 | fax: 604-660-2653
Branch website: http://www.MineralTitles.gov.bc.ca
GIS Information: http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/data-gis

Oostlander, Rob MEM:EX

From: Samuelson, Karen E MEM:EX
Sent: Wednesday, April 13, 2016 10:39 AM
To: MEM MT
Subject: website: Information Update #38

All,

The Info Update for **Acceptable Practices for Placer Hand Mining in British Columbia** has been posted to our branch website.

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates

Karen Samuelson
Manager, Data and Information Management
Mineral Titles Branch
Ministry of Energy and Mines
300-865 Hornby Street, Vancouver, BC
karen.samuelson@gov.bc.ca | phone: 604-660-1619 | fax: 604-660-2653

Branch website: http://www.MineralTitles.gov.bc.ca
GIS Information: http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/data-gis

From:	Upper, Andrew MEM:EX
To:	Samuelson, Karen E MEM:EX
Subject:	FW: final update - placer hand mining guide
Date:	Wednesday, April 13, 2016 10:51:00 AM
Attachments:	Acceptable Practices for Placer Hand Mining Feb 02 2016.docx

This is the previously posted version (minus the text formatting on the last two pages under the drawings).
Thanks!

Andrew

From: Quist, Bev MEM:EX
Sent: Tuesday, February 2, 2016 11:21 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: final update - placer hand mining guide
Please see attached.

From: Messmer, Mark J MEM:EX
Sent: Friday, January 22, 2016 9:10 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: FW: final update - placer hand mining guide
Hi Bev, can you make these edits as suggest by Rick. Thanks!

From: Adams, Rick MEM:EX
Sent: Friday, January 22, 2016 9:00 AM
To: Messmer, Mark J MEM:EX
Subject: RE: final update - placer hand mining guide
Mark, re:

1. We should define watercourse in this document for clarity, as some of the other definitions refer to it and our clients need to understand the watercourse is not just the water – it is the area between the high water marks on the opposite banks including the banks, the gravel bars, and the stream at whatever level it is running at.
2. Riparian Setback: A riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2.

   DFO has always maintained that on the Fraser River the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and that all work and disturbance must remain at least 1 m in elevation above the current water level. Have you confirmed with DFO they are OK with only 3 m now for the Fraser as well. It was set at 10 m from the edge of the water, and all work and disturbance must remain at least 1m in elevation above the current water level. Because, although DFO allows both mechanical and hand work on gravel bars in the Fraser River, pink salmon fry live in the interstitial spaces between the gravel of the Fraser for up to a year after hatching – and those fry needed to be protected, so they require the larger setback for both mechanical and hand work. If we leave this draft as is, hand miners on the Fraser River will be found to be out of compliance with DFO requirements, but we, nor DFO, won't be able to do anything about it because of officially induced error.

   That is why we always added that additional clause for hand placer on the Fraser River for

hand placer operations in this region.
Rick

From: Messmer, Mark J MEM:EX
Sent: Thursday, January 21, 2016 6:49 PM
To: Cullen, Heather J MEM:EX; Wagar, Kathie L MEM:EX; Adams, Rick MEM:EX; Dunkley, Jim R MEM:EX; Davies, Howard MEM:EX
Cc: Howe, Diane J MEM:EX
Subject: final update - placer hand mining guide

Hi All,

Attached is what I am hoping is the very final draft of the "Acceptable Practices for Placer Hand Mining in BC".

We had excellent input from Marnie Marchuk-Fraser, Rick Adams, Gerald Crawford, Grant Feldinger, Chris Newell and Bev Quist, and possibly others that I am not aware of, as Bev and Chris did much of the leg work.

The only remaining question I have is, where would you like this document to live on the MEM web pages?

I have no strong preferences, but as a suggestion, it could become a MT information update report. The MT info update reports live here.

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates

The final posted copy will be a protected pdf, and before it is posted on the web, I will run it past GPCE as well.

Let me know!

Thanks to all,

Mark

Mark Messmer
Director, Mineral Titles / Deputy Chief Gold Commissioner
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814
fax: 604-660-2653

BRITISH COLUMBIA | Ministry of Energy and Mines

Acceptable Practices for Placer Hand Mining in British Columbia

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application or obtaining a *Mines Act* permit.

Definitions
Gravel bar: an elevated area of sediment (such as sand or gravel) deposited above the water flow. Placer Hand Mining: hand operations are defined as those using hand tools including: pan, hand sluice, high banker and pump (maximum 38 mm intake). Recreational Hand Panning: panning for gold using only a shovel and pan (no sluice box, high banker or settling pond present). Recreational hand panning is not included in the scope of placer hand mining and is only allowed on placer titles, subject to the owners' permission or in a recreational panning reserve. Riparian Setback: With the exception of the Fraser River, a riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2. On the Fraser River, the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and all work and disturbance must remain at least 1 m in elevation above the current water level. Watercourse: the area between the high water marks on the opposite banks; includes the banks, the gravel bars and the stream at whatever level it is running at The term "operate in the dry" applies to all aspects of hand mining including the excavation of gravel

The following outline conditions for placer hand mining practices:

1. No pay dirt may be extracted from under the water of any watercourse.

2. No placer hand mining, (including the removal of vegetation or gravel or other disturbance) may occur within the riparian setback, aside from a narrow foot path to access areas that are outside the riparian setback. Placer hand mining may only occur on areas outside of the riparian setback, whether on a gravel bar or above the high water mark of a watercourse. Placer hand mining is restricted to un-vegetated portions of the gravel bar and absolutely no vegetation is to be removed or disturbed.

3. Excavated material from a gravel bar must not be transported away from the gravel bar for processing. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled to avoid the entrapment of fish should water levels fluctuate due to seasonal variation.

4. There must be no discharge of silt laden water into a watercourse. All water discharged from a sluice box or high banker must be discharged into a settling pond for exfiltration.

5. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback. A sluice box must not be used within the flowing water of any watercourse.

6. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

7. Fuel must not be stored within the high water mark or riparian setback and emergency spill kits shall be retained on site.

8. The use of suction dredging and hand or mechanically powered "sniping" equipment in any watercourse is not permitted.

9. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when the claim is not occupied for the purpose of conducting placer mining activity. Placer claims must not be used for recreational camping or other recreational purposes and may only be occupied by the recorded holder while legitimate placer exploration activity is occurring. All waste shall be disposed of in a manner that provides full protection to the watercourse.

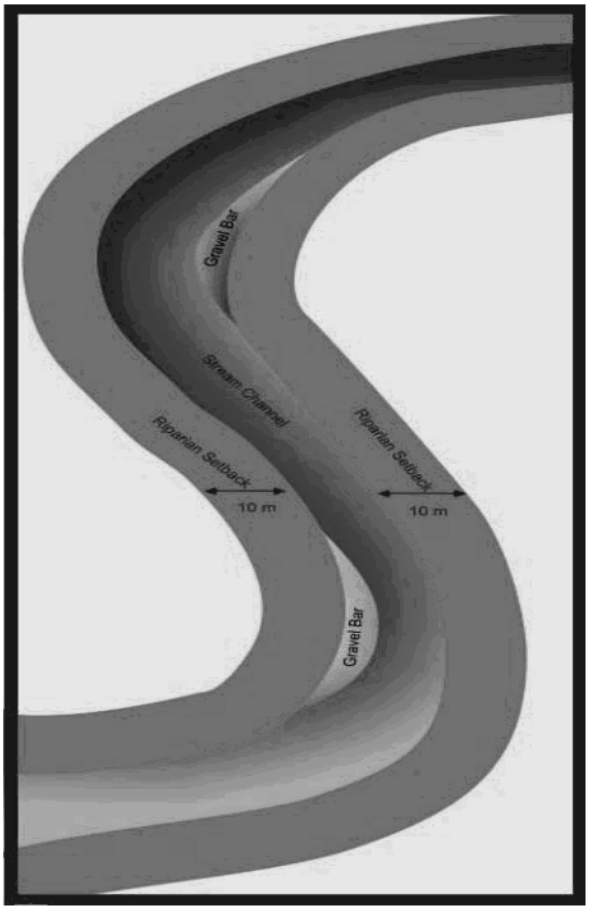


Figure 1: Depiction of the 10 metre riparian setback from a watercourse. The 10 metres is measured from the high water mark.

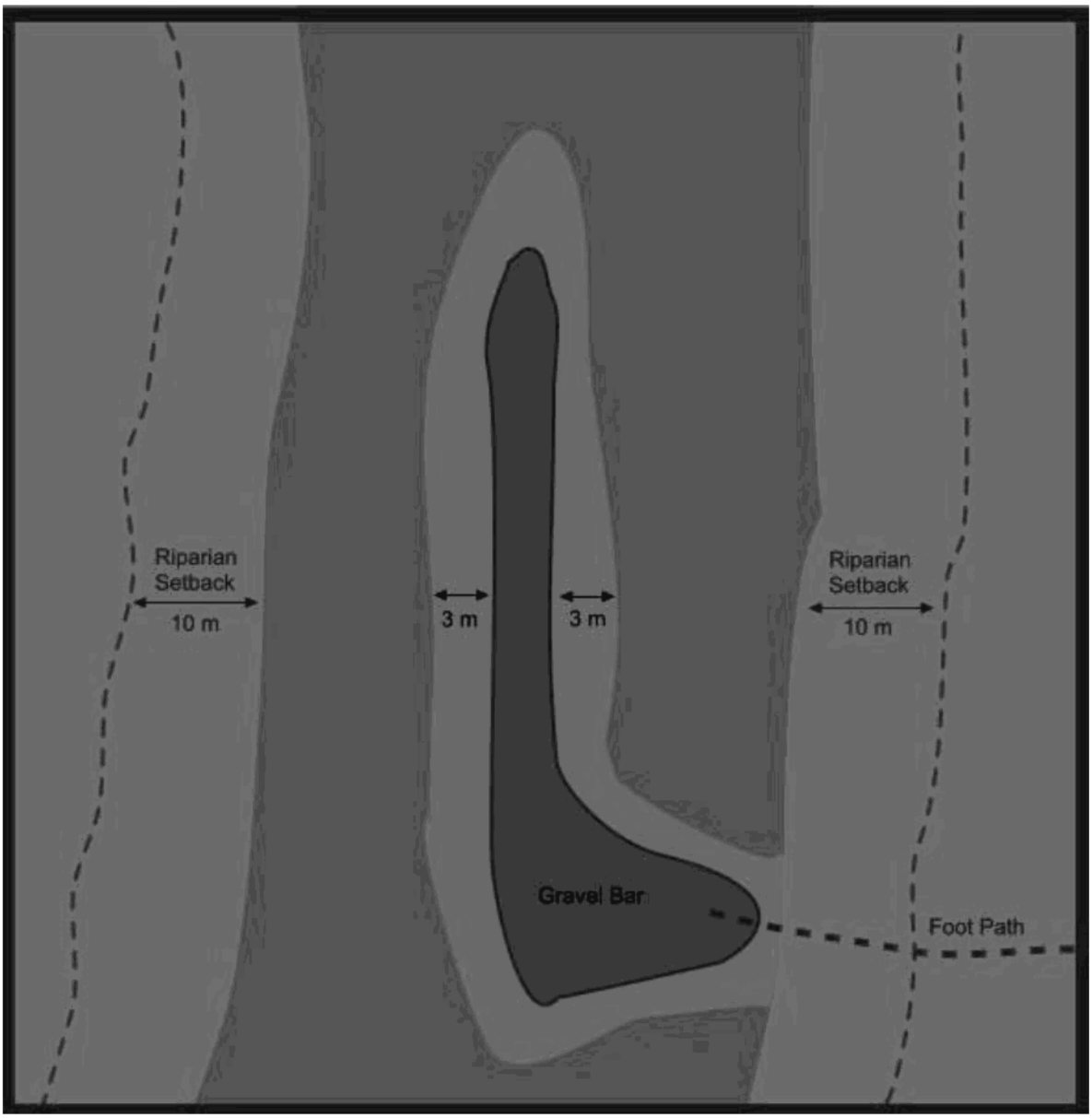


Figure 2: Depiction of the 3 metre riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 metre riparian setback along the watercourse.

From:	Jungaro, Ray J FLNR:EX
To:	Quist, Bev MEM:EX
Subject:	RE: website: Information Update #38
Date:	Wednesday, April 13, 2016 1:09:43 PM

Excellent Bev, thanks.

From: Quist, Bev MEM:EX
Sent: Wednesday, April 13, 2016 12:05 PM
To: Jungaro, Ray J FLNR:EX
Subject: Fwd: website: Information Update #38

Sent from my iPhone

Begin forwarded message:

> **From:** "Samuelson, Karen E MEM:EX" <Karen.Samuelson@gov.bc.ca>
> **Date:** April 13, 2016 at 10:38:51 AM PDT
> **To:** MEM MT <EMTDMTDL@Victoria1.gov.bc.ca>
> **Subject: website: Information Update #38**
>
> All,
> The Info Update for **Acceptable Practices for Placer Hand Mining in British Columbia** has been posted to our branch website.
> http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates
> **Karen Samuelson**
> Manager, Data and Information Management
> Mineral Titles Branch
> Ministry of Energy and Mines
> 300-865 Hornby Street, Vancouver, BC
> karen.samuelson@gov.bc.ca | phone: 604-660-1619 | fax: 604-660-2653
> Branch website: http://www.MineralTitles.gov.bc.ca
> GIS Information: http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/data-gis

From:	Jungaro, Ray J FLNR:EX
To:	Quist, Bev MEM:EX
Subject:	RE: website: Information Update #38
Date:	Wednesday, April 13, 2016 1:20:04 PM

I checked the website. Message is "The asset cannot be found" ☹

From: Jungaro, Ray J FLNR:EX
Sent: Wednesday, April 13, 2016 1:10 PM
To: Quist, Bev MEM:EX
Subject: RE: website: Information Update #38

Excellent Bev, thanks.

From: Quist, Bev MEM:EX
Sent: Wednesday, April 13, 2016 12:05 PM
To: Jungaro, Ray J FLNR:EX
Subject: Fwd: website: Information Update #38

Sent from my iPhone

Begin forwarded message:

> **From:** "Samuelson, Karen E MEM:EX" <Karen.Samuelson@gov.bc.ca>
> **Date:** April 13, 2016 at 10:38:51 AM PDT
> **To:** MEM MT <EMTDMTDL@Victoria1.gov.bc.ca>
> **Subject: website: Information Update #38**
>
> All,
> The Info Update for **Acceptable Practices for Placer Hand Mining in British Columbia** has been posted to our branch website.
> http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates
>
> **Karen Samuelson**
> Manager, Data and Information Management
> Mineral Titles Branch
> Ministry of Energy and Mines
> 300-865 Hornby Street, Vancouver, BC
> karen.samuelson@gov.bc.ca | phone: 604-660-1619 | fax: 604-660-2653
> Branch website: http://www.MineralTitles.gov.bc.ca
> GIS Information: http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/data-gis

From:	Samuelson, Karen E MEM:EX
To:	Quist, Bev MEM:EX
Subject:	RE: website: Information Update #38
Date:	Wednesday, April 13, 2016 2:35:56 PM

Try again.

From: Quist, Bev MEM:EX
Sent: Wednesday, April 13, 2016 1:42 PM
To: Samuelson, Karen E MEM:EX
Subject: Re: website: Information Update #38
The link isn't working on the webpage

Sent from my iPhone

On Apr 13, 2016, at 10:38 AM, Samuelson, Karen E MEM:EX <Karen.Samuelson@gov.bc.ca> wrote:

> All,
> The Info Update for **Acceptable Practices for Placer Hand Mining in British Columbia** has been posted to our branch website.
> http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates
> **Karen Samuelson**
> Manager, Data and Information Management
> Mineral Titles Branch
> Ministry of Energy and Mines
> 300-865 Hornby Street, Vancouver, BC
> karen.samuelson@gov.bc.ca | phone: 604-660-1619 | fax: 604-660-2653
> Branch website: http://www.MineralTitles.gov.bc.ca
> GIS Information: http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/data-gis

Rai, Manpreet MEM:EX

From: Samuelson, Karen E MEM:EX
Sent: Thursday, April 14, 2016 3:37 PM
To: MEM MT
Subject: website: Info update 39 - Researching Crown Granted 2 Post Mineral Claims

Hello all,

We've just posted Information **Update 39** - **Researching Crown Granted 2 Post Mineral Claims.**

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/news-notices-announcements/information-updates

Mark, did you want me to post anything on the News, Notices and Announcements page or front of MTO to let clients know about the last 2 additions (38, 39) to the Info Updates page?

Karen Samuelson
Manager, Data and Information Management
Mineral Titles Branch
Ministry of Energy and Mines
300-865 Hornby Street, Vancouver, BC
karen.samuelson@gov.bc.ca | phone: 604-660-1619 | fax: 604-660-2653

Branch website: http://www.MineralTitles.gov.bc.ca
GIS Information: http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/data-gis

From:	Mineral Titles Branch MEM:EX
To:	Upper, Andrew MEM:EX
Cc:	Mineral Titles Branch MEM:EX
Subject:	FW: Information update #38
Date:	Friday, April 15, 2016 8:43:13 AM

Hi Andrew,
I'm not sure if you're the correct person to forward this to or not. Please let me know if I need to send it on.
Thanks, Claudia

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:41 AM
To: s.22
Cc: Mineral Titles Branch MEM:EX
Subject: RE: Information update #38
Dear s.22
Thank you for your email. Your concerns are being forwarded to our management team for response. You will be contacted directly if any further information is required or forthcoming.
Thank you,
Claudia Fleming
Titles Technician
Mineral Titles Branch

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM
To: Smith, Chris MEM:EX
Subject: Information update #38
Dear Mr. Smith,
I need to let you know how displeased I am with Information Update #38.
I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.
Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.
Unless one has a large river on a claim, it is now impossible to work it by hand to any success.
Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!
This update means that I cannot even dig behind a boulder at low water to pan!
And no "hand powered" sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!
This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way.
This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.

British Columbia's history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.

I recommend the people who wrote these "acceptable" practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.'s "artisanal" miners.

I believe that this "one size fits all" approach does NOT fit!

I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a "best practices" regime that people will work with, not against. I feel that consultation, cooperation and observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.

Thank you for your time, I look forward to your reply

s.22

From:	Messmer, Mark J MEM:EX
To:	Upper, Andrew MEM:EX
Subject:	RE: Information update #38
Date:	Friday, April 15, 2016 9:58:12 AM

In what region(s) does this person have claims?

From: Upper, Andrew MEM:EX
Sent: Friday, April 15, 2016 8:49 AM
To: Messmer, Mark J MEM:EX
Subject: FW: Information update #38

Hi Mark. FYI.

Andrew

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:43 AM
To: Upper, Andrew MEM:EX
Cc: Mineral Titles Branch MEM:EX
Subject: FW: Information update #38

Hi Andrew,

I'm not sure if you're the correct person to forward this to or not. Please let me know if I need to send it on.

Thanks, Claudia

From: Mineral Titles Branch MEM:EX
Sent: Friday, April 15, 2016 8:41 AM
To: s.22
Cc: Mineral Titles Branch MEM:EX
Subject: RE: Information update #38

Dear s.22

Thank you for your email. Your concerns are being forwarded to our management team for response. You will be contacted directly if any further information is required or forthcoming.

Thank you,

Claudia Fleming

Titles Technician

Mineral Titles Branch

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM
To: Smith, Chris MEM:EX
Subject: Information update #38

Dear Mr. Smith,

I need to let you know how displeased I am with Information Update #38.

I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.

Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.

Unless one has a large river on a claim, it is now impossible to work it by hand to any success.

Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!

This update means that I cannot even dig behind a boulder at low water to pan!

And no “hand powered” sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!
This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way.
This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.
British Columbia’s history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.
I recommend the people who wrote these “acceptable” practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.’s “artisanal” miners.
I believe that this “one size fits all” approach does NOT fit!
I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a “best practices” regime that people will work with, not against. I feel that consultation, cooperation and observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.
Thank you for your time, I look forward to your reply
s.22

From:	Messmer, Mark J MEM:EX
To:	Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Cc:	Smith, Chris MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject:	RE: Information update #38
Date:	Saturday, April 16, 2016 3:17:53 PM

Hi Rick and Glen,
I am sure we will receive more mail on info update 38, especially on the questions of sniping and suction dredging.
Unless you have other suggestions, I think the standard response should be:
"Information Update 38 outline hand mining activities that may be conducted without having a permit under the Mines Act.
If you want to engage in any other activities that are not mentioned in this information update, I recommend that you contact your nearest Mines Permitting or Front Counter BC office to determine if a permit would be required for the mining activities you are proposing."
Let me know if that works for you.
Thanks,
Mark

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM
To: Smith, Chris MEM:EX
Subject: Information update #38

Dear Mr. Smith,
I need to let you know how displeased I am with Information Update #38.
I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.
Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.
Unless one has a large river on a claim, it is now impossible to work it by hand to any success.
Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!
This update means that I cannot even dig behind a boulder at low water to pan!
And no "hand powered" sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!
This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way.
This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.
British Columbia's history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.

I recommend the people who wrote these “acceptable” practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.’s “artisanal” miners.
I believe that this “one size fits all” approach does NOT fit!
I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a “best practices” regime that people will work with, not against. I feel that consultation, cooperation and observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.
Thank you for your time, I look forward to your reply
s.22

From:	Messmer, Mark J MEM:EX
To:	Adams, Rick MEM:EX; Hendrickson, Glen MEM:EX
Cc:	Smith, Chris MEM:EX; Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject:	RE: Information update #38
Date:	Saturday, April 16, 2016 3:17:53 PM

Hi Rick and Glen,
I am sure we will receive more mail on info update 38, especially on the questions of sniping and suction dredging.
Unless you have other suggestions, I think the standard response should be:
"Information Update 38 outline hand mining activities that may be conducted without having a permit under the Mines Act.
If you want to engage in any other activities that are not mentioned in this information update, I recommend that you contact your nearest Mines Permitting or Front Counter BC office to determine if a permit would be required for the mining activities you are proposing."
Let me know if that works for you.
Thanks,
Mark

From: s.22
Sent: Thursday, April 14, 2016 2:56 PM
To: Smith, Chris MEM:EX
Subject: Information update #38

Dear Mr. Smith,
I need to let you know how displeased I am with Information Update #38.
I wonder if you know how much this update devalues most hand worked gold claims in BC? It makes my claims worth less because there is substantially less area to prospect and hand mine.
Most streams are not wide enough to have gravel bars large enough to follow the recommendations in the update.
Unless one has a large river on a claim, it is now impossible to work it by hand to any success.
Most of the creeks on my claims are not even nine meters wide let alone having gravel bar nine meters wide to work!
This update means that I cannot even dig behind a boulder at low water to pan!
And no "hand powered" sniping equipment?! That means no spoons or even turkey basters and snuffer bottles in bedrock crevices!
This is how much of the gold is found! It does nothing to the watercourse and is done in dry areas within the watercourse. It is harmless!
This update is a slap in the face to people like me who try to work creeks and rivers in a responsible way.
This province was explored and opened up by prospectors such as myself. Only trying to improve their lot in life. I suspect they are rolling in their graves at how ridiculous this update is.
British Columbia's history shows how valuable placer mining has been for the province and yet it seems that this update ignores the traditional and cultural practice of responsible hand placer mining.

I recommend the people who wrote these “acceptable” practices get out to some claims that have been hand mined for years. To see what actually happens before they write any more of these updates that may make lawbreakers out of B.C.’s “artisanal” miners.
I believe that this “one size fits all” approach does NOT fit!
I appeal to you to continue to work with the B.C.P.M.A. and other mining organizations in B.C. to come to a “best practices” regime that people will work with, not against. I feel that consultation, cooperation and observation is a better way of making rules rather than office workers with no hands on experience with hand placer mining making judgement calls from their keyboard.
Thank you for your time, I look forward to your reply
s.22

From:	Messmer, Mark J MEM:EX
To:	Newell, Chris J MEM:EX; Upper, Andrew MEM:EX; Quist, Bev MEM:EX
Subject:	FW: Important info
Date:	Sunday, April 17, 2016 2:06:00 PM
Attachments:	233-2016 94_2016.pdf Info Update - Mineral Exploration and Small Scale Placer_Apr 15 2016.pdf Gold Show Schedule of Events.pdf

---

From: s.22
Sent: Friday, April 15, 2016 7:22 PM
Subject: Important info

Hi Everyone this is a reminder that the survey needs to be completed by the 16th of April so if you have not done it yet!! Here is the link for it. survey.ubc.ca/s/cariboominingsurvey/

We just received an update to the Water Act and I have attached the information here for all of you. It's a start. We will continue to work with MOE on this.

I have also attached a copy of the schedule of events for the Gold Show coming soon, The Chief Gold Commissioner will be at the Show and on stage to answer questions.

Here is a link also for the Gold Show website for all of the up to date information.

https://quesnelgoldshow.com/

Have a wonderful day and see all of you at the Quesnel Gold Show ☺

s.22

PROVINCE OF BRITISH COLUMBIA

ORDER OF THE LIEUTENANT GOVERNOR IN COUNCIL

Order in Council No. 233 *, Approved and Ordered* April 14, 2016

Judith I Guichon
Lieutenant Governor

Executive Council Chambers, Victoria

On the recommendation of the undersigned, the Lieutenant Governor, by and with the advice and consent of the Executive Council, orders that the Water Sustainability Regulation, B.C. Reg. 36/2016, is amended as set out in the attached Schedule.

DEPOSITED

April 15, 2016

B.C. REG. 94/2016

Steve Thomson
Minister of Forests, Lands and Natural Resource Operations

John Rustad
Presiding Member of the Executive Council

(This part is for administrative purposes only and is not part of the Order.)

Authority under which Order is made:

Act and section: *Water Sustainability Act*, S.B.C. 2014, c.14, sections 124, 127 and 129

Other: OC 110/2016

April 12, 2016 R/302/2016/14

Minerals Page 249 of 349 EGM-2016-62680

SCHEDULE

1 Part 1 of the Water Sustainability Regulation, B.C. Reg. 36/2016, is amended by adding the following section:

Exception to section 46 (1) of Act

2.1 Section 46 (1) *[prohibition on introducing foreign matter into stream]* of the Act does not apply to a range practice to which section 46 of the *Forest and Range Practices Act* applies.

2 The following heading is added before section 3:

Division 1 – Licensing, Diversion and Use of Water.

3 Section 48 (3) (b) is repealed and the following substituted:

(b) a point of diversion on a stream if the point of diversion is within the boundaries of a protected area, .

4 Section 49 (2) (a) is amended by striking out ", other aquatic vertebrates or aquatic macro invertebrates"*.*

5 Section 55 (4) is amended by striking out "section 15" *and substituting* "section 15 (1)"*.*

6 The following section is added:

Transition – mineral exploration 2016

56 (1) In this section:

"mineral exploration activities" means activities, described in paragraph (a) of the definition of "mining activity" in section 1 of the *Mines Act*, performed in relation to minerals other than placer minerals;

"placer mining activities" means activities, described in the definition of "mining activity" in section 1 of the *Mines Act*, performed in relation to placer minerals, which activity involve the processing of less than 2 000 m^3 of pay dirt per year.

(2) Subject to this section, a person who holds a permit under section 10 of the *Mines Act* in relation to mineral exploration activities or placer mining activities is exempt until December 31, 2016 from the requirement under section 6 (1) *[use of water]* of the Act to hold an authorization for the diversion and use of water for those activities.

(3) A person must not, under subsection (2), divert or use recorded water.

(4) A person must not, under subsection (2), divert or use unrecorded water from

(a) a stream or aquifer in respect of which there is a water reservation under section 40 *[treaty first nation water reservations]* or 41 *[Nisga'a water reservation]* of the Act,

(b) a sensitive stream,

(c) a point of diversion on a stream if the point of diversion is within the boundaries of a protected area, as defined in section 46,

(d) a stream to which a regulation under section 82 *[plan regulations – dedicated agricultural water]* of the Act applies,

(e) a stream to which an order under section 86 *[declarations of significant water shortage]* or 87 *[critical environmental flow protection orders]* of the Act applies or an aquifer affected by such an order, or

(f) a stream or aquifer to which an order under section 88 *[fish population protection orders]* of the Act applies.

(5) A person who, under this section, diverts or uses water from a stream must not construct, install or place any permanent or semi-permanent works in the stream channel.

(6) A person who, under this section, diverts or uses water from a stream must

(a) remove from the stream channel any pump, equipment or material constructed, installed or placed by that person in diverting or using water from the stream,

(b) ensure that the intake line or other device for diverting water is equipped with a screen, or otherwise modified, to

(i) prevent potential loss of fish due to entrainment or impingement, and

(ii) minimize disturbance of, or removal of sand and gravel from, the stream channel, and

(c) ensure that

(i) any disturbance of a stream channel or of the stable natural materials and vegetation in and about the stream is minimized when gaining access to water from the stream,

(ii) any water that is diverted is discharged without causing a significant risk of harm to public safety, the environment, land or other property,

(iii) the water supply and works of persons who are lawfully diverting or using water under the Act are not adversely affected, and

(iv) the diversion or use of water, whether from a stream or aquifer, does not cause a risk of significant harm to fish, wildlife or the aquatic ecosystem of a stream.

10:00 - 5:00
Quesnel Gold Show
Saturday April 23, 2016

10:00 - 2:00
Alex Fraser Park
Sunday April 24th, 2016

11:00 am - 12:00 pm
On Stage James Douglas

12:45 - 1:30
Gold Commissioner: Mark Messmer

2:00 pm Gold Panning Showdown:
At the Panning Troughs
There will be:

Gold Commissioner: Mark Messmer

MLA: Coralee Oakes

Mayor: Bob Simpson

CMA President: Rick Wittner

Ray Jungaro **(FLNRO)**

Russell Crick: **Gem Specialist**

8 time World Champion: Scott Rea

Queen of the Creek: Karen St. John

You won't want to miss this event:
With Trophy presentations at 3:00 pm

Through out the Entire Day:
Gold Panning
Demonstrations outside!
Door Prize Draws

Geologists on site for rock Identification!

3:00pm- Equipment Demos Outside

On Stage at 10:30 am - 11:30am

Gold Commissioner: Mark Messmer

12:00pm - 1:00pm

James Douglas:

Barkerville Historic Town

Through out the day:

Gold Panning

Outside Demos

Geologist for rock identification

Door Prize Draws

1:30pm on Stage:

Major Door Prize Draws of:

Cariboo Longtom: As seen on Yukon Gold

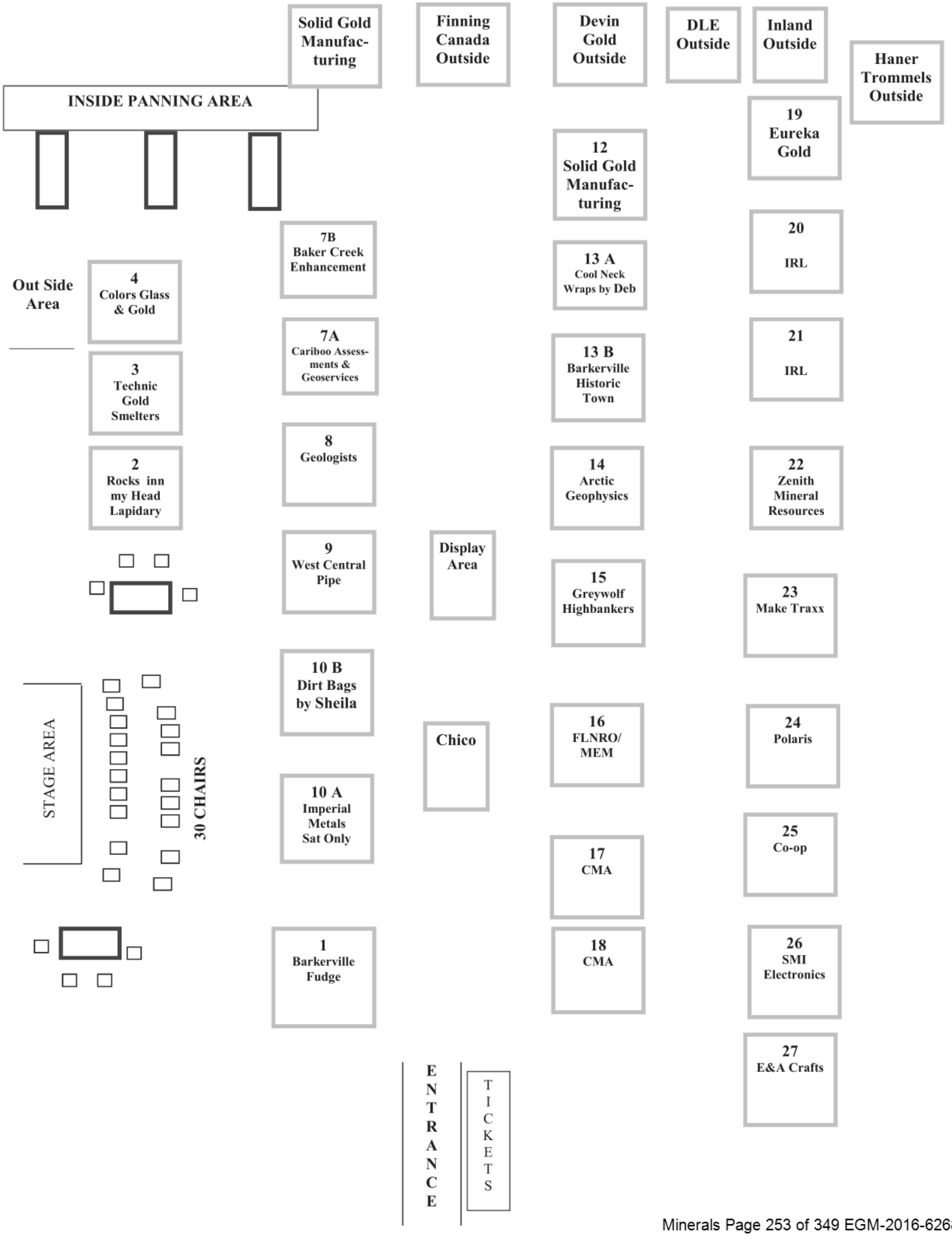
Mini Highbanker

Gold Cube

2 Nugget Buckets

Gold Nugget

Limited Edition Caribou Print


Solid Gold Manufac-turing
Finning Canada Outside
Devin Gold Outside
DLE Outside
Inland Outside
Haner Trommels Outside
INSIDE PANNING AREA
19 Eureka Gold
12 Solid Gold Manufac-turing
20 IRL
7B Baker Creek Enhancement
13 A Cool Neck Wraps by Deb
Out Side Area
4 Colors Glass & Gold
7A Cariboo Assess-ments & Geoservices
13 B Barkerville Historic Town
21 IRL
3 Technic Gold Smelters
8 Geologists
14 Arctic Geophysics
22 Zenith Mineral Resources
2 Rocks inn my Head Lapidary
9 West Central Pipe
Display Area
15 Greywolf Highbankers
23 Make Traxx
STAGE AREA
30 CHAIRS
10 B Dirt Bags by Sheila
Chico
16 FLNRO/ MEM
24 Polaris
10 A Imperial Metals Sat Only
17 CMA
25 Co-op
1 Barkerville Fudge
18 CMA
26 SMI Electronics
27 E&A Crafts
ENTRANCE
TICKETS

BRITISH COLUMBIA

Information Update

Water Use for Mineral Exploration and Small Scale Placer Mining under the *Water Sustainability Act*

April 2016 Update

Water Use under the Water Sustainability Act

A water licence or use approval under the *Water Sustainability Act* (Act) is required for most uses of water, whether the water is diverted from a stream or an aquifer. However, section 6 of the Act provides some exemptions from this requirement for certain uses of water. Further exemptions can be prescribed in the regulations.

Allowed use under Section 6

A person may use unrecorded water – water that has not been authorized for use under a water licence or use approval – from a stream or an aquifer without an authorization for "prospecting for a mineral". This term is defined in the Act as follows:

> "**prospecting for a mineral**" means searching for a mineral
>
> (a) using hand-held tools in a manner that does not involve mechanical disturbance of the surface, or
>
> (b) in a prescribed manner.
>
> (Note: "in a prescribed manner" has not been determined)

"Prospecting for a mineral" includes recreational hand panning and placer hand mining because these activities are restricted to the use of hand-held tools. A person may therefore use unrecorded water from a stream or an aquifer without a water licence or use approval for recreational hand panning and placer hand mining. Recreational hand panning is allowed in specified areas of BC under the *Mineral Tenure Act*. See Information Update No. 2 for a more detailed description of recreational hand panning and associated requirements. Placer hand mining may be conducted on a placer claim by the holder of a free miner's certificate. See Information Update No. 38 for a more detailed description of placer hand mining and associated requirements.

Water use under the Water Sustainability Regulation

For the 2016 calendar year, a person who holds a permit under section 10 of the *Mines Act* to carry out placer mining activities or mineral exploration activities is exempt from the requirement to obtain a water licence or use approval, subject to certain environmental protection and other requirements.

> **"Placer mining activities"** include the exploration, development and production of a placer mineral which involves the processing of less than 2 000 m^3 pay dirt per year.
>
> **"Mineral exploration activities"** include the exploration or development of a mineral (including coal), sand, gravel or rock, but not placer mineral.

In the event of a discrepancy between this information and the provisions in the *Water Sustainability Act* and Regulations, the provisions in the statute and regulations will apply.

Requirements under the 2016 Exemption

1. The person must hold a permit under section 10 of the *Mines Act* in relation to the placer mining activity or mineral exploration activity;
2. The person may only divert unrecorded water;
3. The person must not divert or use unrecorded water from:
    - a stream where there is a treaty water reservation or the Nisga'a water reservation;
    - a sensitive stream designated under section 17, and listed in Schedule B, of the Water Sustainability Regulation;
    - a point of diversion within a protected area, as defined in section 46 of the Regulation; or,
    - a stream when a temporary protection order under the Act applies;
4. The person must not construct any permanent or semi-permanent works in the stream channel and must remove the works for diverting water from the stream after the placer mining activity or mineral exploration activity is completed;
5. The water supply intake must be equipped with a screen, or otherwise modified, to:
    - prevent potential loss of fish due to entrainment or impingement; and,
    - minimize disturbance of, or removal of sand and gravel from, the stream channel;
6. The person must ensure that any disturbance of the stream channel and riparian areas are minimized when accessing water from the stream;
7. The person must ensure that any water that is diverted is discharged without causing a significant risk of harm to public safety, the environment, land or other property;
8. The person must ensure that the water supply and works of persons who are lawfully diverting or using water under the Act are not adversely affected; and,
9. The person must ensure that the diversion or use of water does not cause a risk of significant harm to fish, wildlife or the aquatic ecosystem of a stream.

What about existing users of groundwater?

The *Water Sustainability Act* and the regulations provide a 3-year transition period for groundwater users that were beneficially using water when the Act came into force on February 29, 2016 and continue to use groundwater from the same aquifer. These previously existing groundwater users are required to file an application for that use by March 1, 2019 in order to continue using water beyond that date. If the application is filed before March 1, 2019 users can continue to divert groundwater until a decision is made on the application. In addition, if the application is filed before March 1, 2017 the application fee will be waived.

Obtaining a licence or use approval

If your water use is beyond prospecting for a mineral, or does not meet the requirements of the 2016 exemption, you will need to apply for a water licence or use approval under the *Water Sustainability Act*. Applications are filed through Front Counter BC and require the payment of associated fees. The purpose stated in your water licence or use approval application would be:

- "placer mining"; or,
- in the case of mineral exploration drilling, "industrial cooling".

More information on how to apply is available at Front Counter BC at www.frontcounterbc.gov.bc.ca or by calling 1-877-855-3222.

From:	Messmer, Mark J MEM:EX
To:	Upper, Andrew MEM:EX; Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject:	FW: Toy Trommel
Date:	Monday, April 18, 2016 4:56:33 PM

FYI – has this ever come up before?
I think the response is - request clarification from one of the regional mines inspectors as to whether or not a permit is required.

From: Howe, Diane J MEM:EX
Sent: Monday, April 18, 2016 6:49 AM
To: Messmer, Mark J MEM:EX
Subject: Fwd: Toy Trommel
Hi Mark,
Can you respond to s.22 , I'm not sure how to respond.
Thank you , Diane

Sent from my iPad

Begin forwarded message:

From: s.22
Date: April 14, 2016 at 2:01:28 PM PDT
To: <Diane.Howe@gov.bc.ca>
Subject: Toy Trommel

Hi Diane,
I have read the "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.
I use a Gold Cube with a small 5" dia trommel attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it's not something I built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel. My question is this, is the rule change really inclusive of a small trommel such as the one made for the Gold Cube? This trommel is only 16" long, it's basically just a toy. It only weighs about 20 lbs. I take my grandson to the claim to look for a little gold.
I have read that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a permit to use a small 12V Gold Cube trommel (it's a toy)?
I can send you a picture if you are not familiar with the Gold Cube Trommel.
Pictures are also available on the internet.

Please advise how I can use my Gold Cube with Trommel on my claim.
Thank you,
s.22

From:	Messmer, Mark J MEM:EX
To:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject:	Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Monday, April 18, 2016 6:42:38 PM

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch
> Environmental Sustainability and Strategic Policy Division
> Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>

> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection & Sustainability Branch| Ministry of Environment | ph: 250.356.6663 |www.livingwatersmart.ca
> <Info Update - Mineral Exploration and Small Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX
Cc:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	Re: Toy Trommel
Date:	Monday, April 18, 2016 7:21:05 PM

I've researched the gold cube in the past. I think the intent of the gold cube and the throughput is very similar to highbankers and it should hopefully be allowed. However it does contain moving parts...

Sent from my iPhone

On Apr e, 2016, at 4:56 PM, Messmer, Mark J MEM:EX <Mark.Messmer@gov.bc.ca> wrote:

> FYI – has this ever come up before?
> I think the response is - request clarification from one of the regional mines inspectors as to whether or not a permit is required.
>
> **From:** Howe, Diane J MEM:EX
> **Sent:** Monday, April 18, 2016 6:49 AM
> **To:** Messmer, Mark J MEM:EX
> **Subject:** Fwd: Toy Trommel
> Hi Mark,
> Can you respond to Robert, I'm not sure how to respond.
> Thank you , Diane
>
> Sent from my iPad
>
> Begin forwarded message:
>
> > **From:** s.22
> > **Date:** April 14, 2016 at 2:01:28 PM PDT
> > **To:** <Diane.Howe@gov.bc.ca>
> > **Subject: Toy Trommel**
> >
> > Hi Diane,
> > I have read the "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.
> > I use a Gold Cube with a small 5" dia trommel attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it’s not something I

built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel. My question is this, is the rule change really inclusive of a small trommel such as the one made for the Gold Cube? This trommel is only 16” long, it’s basically just a toy. It only weighs about 20 lbs. I take my grandson to the claim to look for a little gold.
I have read that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a permit to use a small 12V Gold Cube trommel (it’s a toy)?
I can send you a picture if you are not familiar with the Gold Cube Trommel.
Pictures are also available on the internet.
Please advise how I can use my Gold Cube with Trommel on my claim.
Thank you,
s.22

From:	Upper, Andrew MEM:EX
To:	Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject:	FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Tuesday, April 19, 2016 10:05:00 AM
Attachments:	Draft -- InfoUpdate2.docx

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be

‘prospecting for a mineral’ and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* provides that hand panning in a watercourse for placer minerals as a recreational activity can be carried out by an individual without the necessity of holding a valid Free Miner Certificate (FMC). The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6.
Hand panning is a comparable recreational activity to rock hounding or hiking.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning.

Use of equipment such as a sluice box, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment **must not** be used except on a valid placer title and then only with the approval of the Inspector of Mines.

The only specific restriction in the *Mineral Tenure Act* governing where you may hand pan is the provision in section 9(2) which prohibits panning on a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title. However, other uses of the land may prohibit hand panning.

Hand panning must **not** be carried out:

1. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

2. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band; and

3. On private property without the owner's permission;

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational gold panning. Recreational panning is restricted to hand pans, hand shovels, and metal detectors.

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

In the event of a discrepancy between this information and the provisions in the *Mineral Tenure Act* and Regulation, the provisions in the statute and regulations will apply.

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

For further information, please contact Mineral Titles.

From:	Messmer, Mark J MEM:EX
To:	Upper, Andrew MEM:EX; Quist, Bev MEM:EX
Subject:	FW: Mineral Placer Claim numbers 1034386 and 1034389 within Esk'etemc territory
Date:	Tuesday, April 19, 2016 10:34:29 AM
Attachments:	93822 (FLNR 220566) FINAL Apr 19, 2016.pdf 93822 Chief Belleau to Mins Bennett and Thomson, Feb 18, 2016.pdf 93822 Cover Email.pdf

FYI

From: Minister, MEM MEM:EX
Sent: Tuesday, April 19, 2016 10:31 AM
To: 'charleneb@esketemc.ca'
Cc: Messmer, Mark J MEM:EX; Adams, Rick MEM:EX
Subject: Mineral Placer Claim numbers 1034386 and 1034389 within Esk'etemc territory

Good Morning Chief Belleau,

Please see the attached letter from Honourable Bill Bennett, Minister of Energy and Mines, and Honourable Steve Thomson, Minister of Forests, Lands and Natural Resource Operations, in response to your February 18, 2016 letter regarding Mineral Placer Claim numbers 1034386 and 1034389 within Esk'etemc territory.

Sincerely,
Janet Firth
Correspondence Coordinator
Ministry of Energy and Mines
Ministry of Natural Gas Development

April 19, 2016

Ref: 93822 (MEM)
220566 (FLNR)

Chief Charlene Belleau
Esk'etemc First Nation

Sent via email:charleneb@esketemc.ca

pc: Mark.Messmer@gov.bc.ca
Rick.Adams@gov.bc.ca

Dear Chief Belleau:

Thank you for your February 18, 2016 letter regarding Mineral Placer Claim numbers 1034386 and 1034389 within Esk'etemc territory.

Placer claim numbers 1034386 and 1034389 forfeited on February 25, 2016, as the recorded holder, s.22 failed to register work or pay cash-in-lieu of work to extend the annual expiry date. Subsequent to the forfeiture of these claims, s.22 acquired two new placer claims, 1042468 and 1042499, on March 2, 2016. Placer claim 1042499 is entirely on Crown land and comprised of one of two 20 hectare grid cells of the former claim 1034386. Placer claim 1042468 is partly located on Crown land and partly located on two privately owned parcels, District Lot 11 owned by Douglas Lake Cattle Company, and District Lot 975 owned by Gang Ranch Ltd. Placer claim 1042468 comprises the same two grid cells formerly occupied by placer claim 1034389.

s.22 has the right to conduct hand placer mining activity on the claims without a permit under the *Mines Act*. s.22 is not allowed to conduct any mechanized mining activity, unless he applies for and is granted a permit under Section 10 of the *Mines Act*. The Chief Inspector of Mines is under no obligation to grant such a permit.

s.22 has not applied for a *Mines Act* permit to date. A decision to issue a *Mines Act* permit is a statutory decision, and should s.22 apply for such a permit, the Esk'etemc First Nation would be consulted prior to a decision. Pursuant to Section 10 of the *Mines Act*, the applicant must submit a plan outlining the details of the proposed work and a program for the conservation of cultural heritage resources.

…/2

Ministry of Energy and Mines and Minister Responsible for Core Review

Office of the Minister

Mailing Address:
PO Box 9060, Stn Prov Govt
Victoria, BC V8W 9E2

Telephone: 250 387-5896
Facsimile: 250 356-2965

Should s.22 require access or wish to conduct mining activity on land not owned by the Government, whether on or off his claims, he must serve notice pursuant to Section 19 of the *Mineral Tenure Act*.

The *Heritage Conservation Act* automatically protects certain categories of archaeological sites, whether known or unknown and on both Crown and private lands. The primary types of sites protected are burial places, rock paintings and carvings, and sites evidencing use or habitation predating 1846. None of these sites can be disturbed or altered in any way without a permit issued by the Archaeology Branch. This restriction overrides any other similar authorizations. All permit applications under the *Heritage Conservation Act* are referred to the First Nations with asserted territories in the application area.

Ministry of Energy and Mines' Mineral Titles Branch staff will contact s.22 to ensure that he is aware of all these requirements. A copy of your letter and this response will be forwarded to Mr. Rick Adams, Acting Regional Director, Health, Safety and Permitting Branch, Mines and Mineral Resources Division, in Kamloops, for his information.

Should you have further questions regarding s.22 placer claims or any questions related to the *Mineral Tenure Act* and Regulations, please contact Mr. Mark Messmer, Director, Mineral Titles Branch, Mines and Mineral Resources Division, Ministry of Energy and Mines, at 604-660-2814 or Mark.Messmer@gov.bc.ca.

Thank you, again, for writing.

Sincerely,

Bill Bennett
Minister of Energy and Mines

Steve Thomson
Minister of Forests, Lands and
Natural Resource Operations

Ferguson, Susan M MEM:EX

From: Minister, MEM MEM:EX
Sent: Thursday, February 25, 2016 3:02 PM
To: MEM Correspondence MEM:EX
Subject: FW: Mineral Placer Claim
Attachments: Ltr to MOEMR & MOFLNRO re Mineral Place Claims within Esk Territory Feb 18 16.pdf

Importance: High

Draft Response

s.16

Page 270 to/à Page 272

Withheld pursuant to/removed as

s.16;s.18

From:	Quist, Bev MEM:EX
To:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Wednesday, April 20, 2016 10:34:48 AM
Attachments:	Draft -- InfoUpdate2- BQ.docx

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX

> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* provides that hand panning in a watercourse for placer minerals as a recreational activity can be carried out by an individual without the necessity of holding a valid Free Miner Certificate (FMC). The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6.
Hand panning is a comparable recreational activity to rock hounding or hiking.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning.

Use of equipment such as a sluice box, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment **must not** be used except on a valid placer title and then only with the approval of the Inspector of Mines.

The only specific restriction in the *Mineral Tenure Act* governing where you may hand pan is the provision in section 9(2) which prohibits panning on a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title. However, other uses of the land may prohibit hand panning.

Hand panning must **not** be carried out:

1. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

2. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band; and

3. On private property without the owner's permission;

4. On Sensitive Streams (without permission) as outlined in Schedule B of the *Water Sustainability Act*.http://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/laws-rules/2016_water_sustainability_regulation.pdf

5. In Critical Fish Habitat streams. Critical Fish Habitats for the Cariboo-Chilcotin area can be found on iMapBC under: Land Use plans/Cariboo-Chilcotin Land-Use plan/Critical Habitat for Fish

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational gold panning. Recreational panning is restricted to hand pans, hand shovels, and metal detectors.

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

From:	Quist, Bev MEM:EX
To:	Upper, Andrew MEM:EX
Cc:	Newell, Chris J MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Wednesday, April 20, 2016 10:45:04 AM
Attachments:	Draft -- InfoUpdate2- BQ.docx

I've made some changes to tide you over, I hope they're not a drag.

Pun intended.

I moved things around a bit.

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,

>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

From:	Quist, Bev MEM:EX
To:	Upper, Andrew MEM:EX
Cc:	Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Wednesday, April 20, 2016 12:31:50 PM
Attachments:	Draft -- InfoUpdate2- BQ.docx

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----

From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>

> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* provides that hand panning for placer minerals in a watercourse as a recreational activity can be carried out by an individual without the necessity of holding a valid Free Miner Certificate (FMC).

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning.

Hand panning is a comparable recreational activity to rock hounding or hiking. The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore a person can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and the approval of the Inspector of Mines.

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission;

5. On Sensitive Streams (without permission) as outlined in Schedule B of the Water Sustainability Act (http://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/laws-rules/2016_water_sustainability_regulation.pdf).

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational gold panning. Recreational panning is restricted to hand pans, hand shovels, and metal detectors.
http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

www.mineraltitles.gov.bc.ca

Email: Mineral.Titles@gov.bc.ca

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX
Cc:	Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Wednesday, April 20, 2016 6:59:55 PM
Attachments:	Draft -- InfoUpdate2- BQ (2).docx

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act

>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* provides that hand panning for placer minerals in a watercourse as a recreational activity can be carried out by an individual without the necessity of holding a valid Free Miner Certificate (FMC).

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning.

~~Hand panning is a comparable recreational activity to rock hounding or hiking.~~ The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore a person may~~ean~~ use unrecorded water without an authorization as indicated ~~provided~~ in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and the approval of the Inspector of Mines.

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission;

5. ~~On Sensitive Streams (without permission) as outlined in Schedule B of the Water Sustainability Act (http://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/laws-rules/2016_water_sustainability_regulation.pdf).~~

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand~~gold~~ panning. ~~Recreational panning is restricted to hand pans, hand shovels, and metal detectors.~~
http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

For further information, please contact Mineral Titles.

From:	Messmer, Mark J MEM:EX
To:	s.22
Subject:	RE: Toy Trommel
Date:	Wednesday, April 20, 2016 8:19:44 AM

Hi s.22

Information Update 38 outlines placer mining activities that may be conducted by a recorded holder on their placer claim, without having to apply for a permit/notice of work.
If you want to use any mechanized equipment, other than a water pump, you must consult with the mines inspection staff in one of the regional offices (Cranbrook or Kamloops).
They can advise you if the use your power operated trommel requires a permit application.
The other option is to convert it to a completely hand operated device.
Thanks,
Mark

Mark Messmer
Chief Gold Commissioner and A/Executive Director
Mineral Titles Branch
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814

From: s.22
Date: April 14, 2016 at 2:01:28 PM PDT
To: <Diane.Howe@gov.bc.ca>
Subject: Toy Trommel

Hi Diane,
I have read the "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.
I use a Gold Cube with a small 5" dia trommel attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it's not something I built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel. My question is this, is the rule change really inclusive of a small trommel such as the one made for the Gold Cube? This trommel is only 16" long, it's basically just a toy. It only weighs about 20 lbs. I take my grandson to the claim to look for a little gold.
I have read that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a

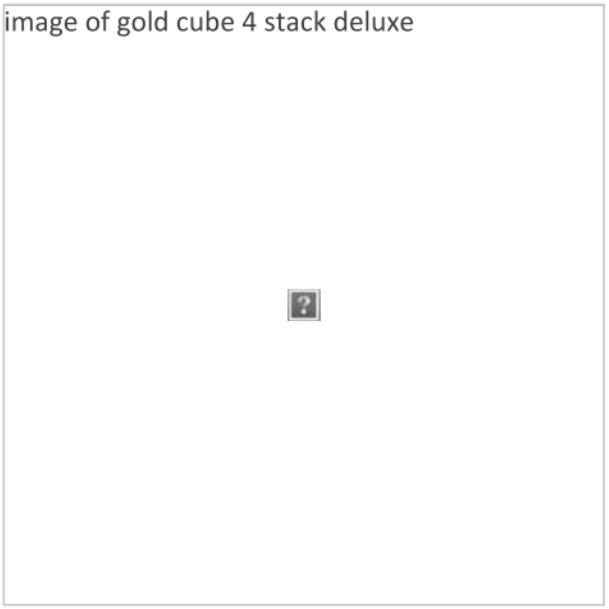
permit to use a small 12V Gold Cube trommel (it’s a toy)?
I can send you a picture if you are not familiar with the Gold Cube Trommel.
Pictures are also available on the internet.
Please advise how I can use my Gold Cube with Trommel on my claim.
Thank you,
s.22

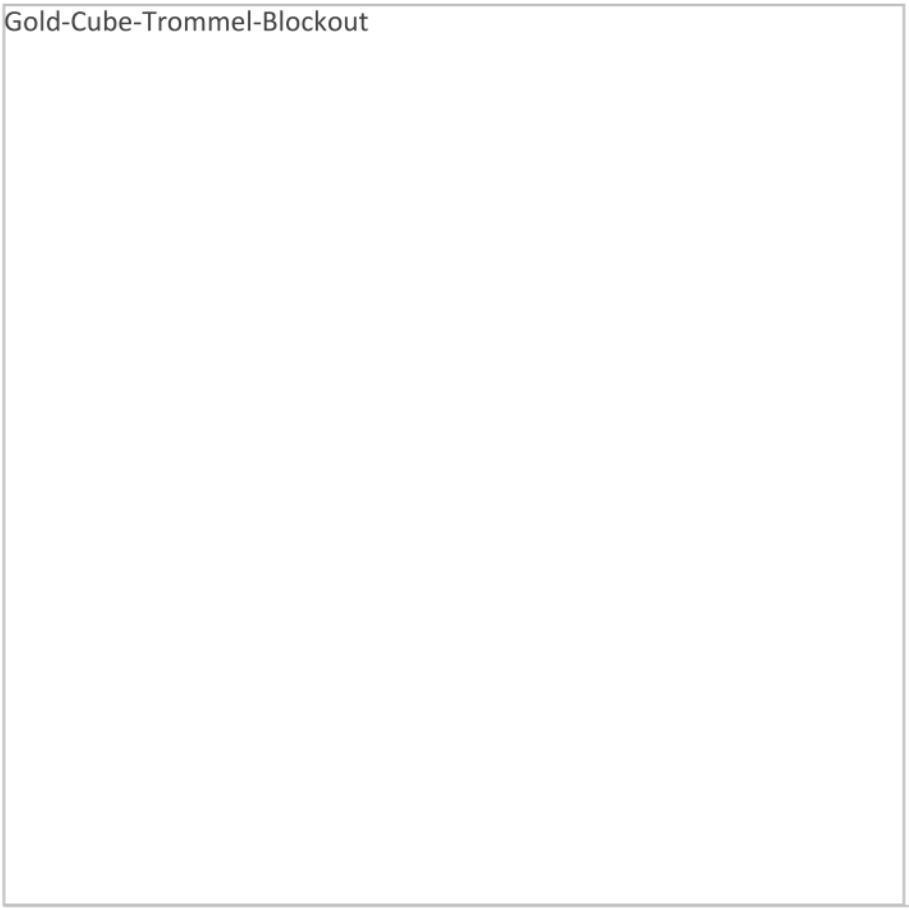
From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX
Cc:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	RE: Toy Trommel
Date:	Wednesday, April 20, 2016 8:25:42 AM
Attachments:	image001.jpg image002.jpg

---

https://goldcube.net/shop/

The Gold Cube itself looks like it has no moving parts and should be fine. The trommel falls outside of IU 38 though.





From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 8:20 AM
To: s.22
Subject: RE: Toy Trommel

Hi s.22

Information Update 38 outlines placer mining activities that may be conducted by a recorded holder on their placer claim, without having to apply for a permit/notice of work.
If you want to use any mechanized equipment, other than a water pump, you must consult with the mines inspection staff in one of the regional offices (Cranbrook or Kamloops).
They can advise you if the use your power operated trommel requires a permit application.
The other option is to convert it to a completely hand operated device.
Thanks,
Mark

Mark Messmer
Chief Gold Commissioner and A/Executive Director
Mineral Titles Branch
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814

From: s.22
Date: April 14, 2016 at 2:01:28 PM PDT
To: <Diane.Howe@gov.bc.ca>

Subject: Toy Trommel

Hi Diane,
I have read the "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.
I use a Gold Cube with a small 5" dia trommel attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it's not something I built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel. My question is this, is the rule change really inclusive of a small trommel such as the one made for the Gold Cube? This trommel is only 16" long, it's basically just a toy. It only weighs about 20 lbs. I take my grandson to the claim to look for a little gold.
I have read that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a permit to use a small 12V Gold Cube trommel (it's a toy)?
I can send you a picture if you are not familiar with the Gold Cube Trommel.
Pictures are also available on the internet.
Please advise how I can use my Gold Cube with Trommel on my claim.
Thank you,
s.22

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX
Cc:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	RE: Toy Trommel
Date:	Wednesday, April 20, 2016 8:27:36 AM
Attachments:	image001.jpg image002.jpg

He can put a hand crank or a foot pump on it s.22

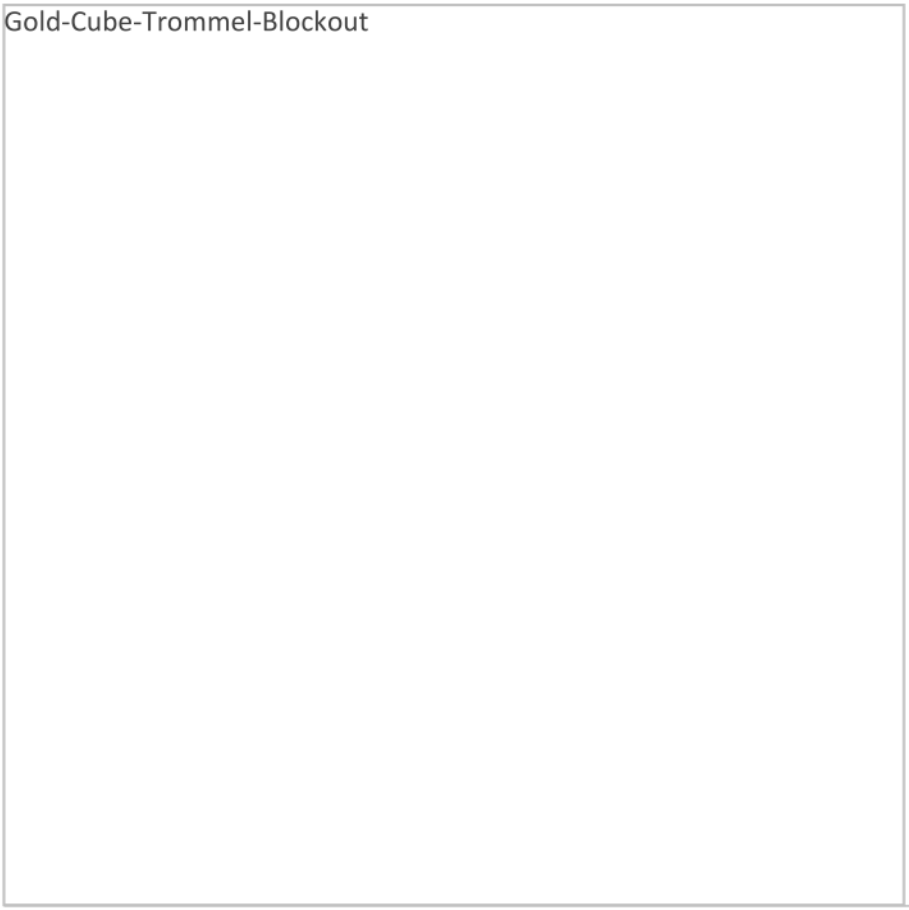
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 8:26 AM
To: Messmer, Mark J MEM:EX
Cc: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Toy Trommel

https://goldcube.net/shop/

The Gold Cube itself looks like it has no moving parts and should be fine. The trommel falls outside of IU 38 though.

image of gold cube 4 stack deluxe





From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 8:20 AM
To: s.22
Subject: RE: Toy Trommel

Hi s.22,

Information Update 38 outlines placer mining activities that may be conducted by a recorded holder on their placer claim, without having to apply for a permit/notice of work.
If you want to use any mechanized equipment, other than a water pump, you must consult with the mines inspection staff in one of the regional offices (Cranbrook or Kamloops).
They can advise you if the use your power operated trommel requires a permit application.
The other option is to convert it to a completely hand operated device.
Thanks,
Mark

Mark Messmer
Chief Gold Commissioner and A/Executive Director
Mineral Titles Branch
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814

From: s.22
Date: April 14, 2016 at 2:01:28 PM PDT
To: <Diane.Howe@gov.bc.ca>

Subject: Toy Trommel

Hi Diane,
I have read the "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.
I use a Gold Cube with a small 5" dia trommel attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it's not something I built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel. My question is this, is the rule change really inclusive of a small trommel such as the one made for the Gold Cube? This trommel is only 16" long, it's basically just a toy. It only weighs about 20 lbs. I take my grandson to the claim to look for a little gold.
I have read that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a permit to use a small 12V Gold Cube trommel (it's a toy)?
I can send you a picture if you are not familiar with the Gold Cube Trommel.
Pictures are also available on the internet.
Please advise how I can use my Gold Cube with Trommel on my claim.
Thank you,
s.22

From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX
Cc:	Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject:	RE: Toy Trommel
Date:	Wednesday, April 20, 2016 8:28:34 AM
Attachments:	image001.jpg image002.jpg

s.22

From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 8:28 AM
To: Quist, Bev MEM:EX
Cc: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Toy Trommel

He can put a hand crank or a foot pump on it s.22

From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 8:26 AM
To: Messmer, Mark J MEM:EX
Cc: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Toy Trommel

https://goldcube.net/shop/

The Gold Cube itself looks like it has no moving parts and should be fine. The trommel falls outside of IU 38 though.

image of gold cube 4 stack deluxe





From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 8:20 AM
To: s.22
Subject: RE: Toy Trommel

Hi s.22

Information Update 38 outlines placer mining activities that may be conducted by a recorded holder on their placer claim, without having to apply for a permit/notice of work.
If you want to use any mechanized equipment, other than a water pump, you must consult with the mines inspection staff in one of the regional offices (Cranbrook or Kamloops).
They can advise you if the use your power operated trommel requires a permit application.
The other option is to convert it to a completely hand operated device.
Thanks,
Mark

Mark Messmer
Chief Gold Commissioner and A/Executive Director
Mineral Titles Branch
Ministry of Energy and Mines
Suite 300 – 865 Hornby Street
Vancouver, BC V6Z 2G3
phone: 604-660-2814

From: s.22
Date: April 14, 2016 at 2:01:28 PM PDT
To: <Diane.Howe@gov.bc.ca>

Subject: Toy Trommel

Hi Diane,
I have read the "Information Update No. 38 Acceptable Practice for Placer Hand Mining in British Colombia and I have a question with regards to section: 6. The sluice box or highbanker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38mm (1.5 inches) suction intake.
I use a Gold Cube with a small 5" dia trommel attached on top which runs off a small 12V battery. The trommel is made specifically for the Gold Cube, it's not something I built. This new amendment appears to prevent me from using my Gold Cube. I feed the trommel with a small garden shovel. My question is this, is the rule change really inclusive of a small trommel such as the one made for the Gold Cube? This trommel is only 16" long, it's basically just a toy. It only weighs about 20 lbs. I take my grandson to the claim to look for a little gold.
I have read that I need to now apply for a permit to be able to use a small 5" dia trommel . Is this true, do I need to apply for a permit to use a small 12V Gold Cube trommel (it's a toy)?
I can send you a picture if you are not familiar with the Gold Cube Trommel.
Pictures are also available on the internet.
Please advise how I can use my Gold Cube with Trommel on my claim.
Thank you,
s.22

From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX
Cc:	Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:10:58 AM
Attachments:	Draft -- InfoUpdate2- Apr 22 2016.docx

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----

From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768

> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* allows individuals who do not hold a Free Miners Certificate (FMC) to hand pan for placer minerals in a watercourse as a recreational activity.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning.

The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore a person may use unrecorded water without an authorization as indicated in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and with the approval of the Inspector of Mines.

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission.

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand panning:

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX
Cc:	Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:21:17 AM
Attachments:	Draft -- InfoUpdate2- Apr 22 2016 (2).docx

Couple more small edits.

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:11 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list

- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX

Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small

> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* allows individuals who do not hold a Free Miners Certificate (FMC) to hand pan for placer minerals in a watercourse as a recreational activity.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning.

The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' as defined in section 1 of the Water sustainability Act. ~~and therefore~~ A~~a~~ person may use unrecorded water without an authorization as indicated in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and with the approval of the Inspector of Mines.

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission.

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand panning:

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX
Cc:	Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:23:21 AM
Attachments:	Draft -- InfoUpdate2- Apr 22 2016 (3).docx

And added...

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Thursday, April 21, 2016 8:21 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Couple more small edits.

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:11 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining

Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

BRITISH COLUMBIA

Mineral Titles
Information Update

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* allows individuals who do not hold a Free Miners Certificate (FMC) to hand pan for placer minerals in a watercourse as a recreational activity.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning.

The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral as defined in section 1 of the Water sustainability Act. A person may use unrecorded water without an authorization as indicated in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and with the approval of the Inspector of Mines.

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission.

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand panning:

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

www.mineraltitles.gov.bc.ca

From:	Messmer, Mark J MEM:EX
To:	Quist, Bev MEM:EX
Cc:	Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:27:17 AM
Attachments:	Draft -- InfoUpdate2- Apr 22 2016 (3).docx

And a couple more.

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:23 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

And added...

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Thursday, April 21, 2016 8:21 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Couple more small edits.

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:11 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers

Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be

‘prospecting for a mineral’ and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

Section 9 of the *Mineral Tenure Act* allows individuals who do not hold a Free Miners Certificate (FMC) to hand pan for placer minerals in a watercourse as a recreational activity.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, hand shovel and a metal detector may be used in recreational hand panning.

The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral as defined in section 1 of the Water sustainability Act. A person may use unrecorded water without an authorization as indicated in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and with the approval of the Inspector of Mines.

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission.

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand panning:

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

From:	Quist, Bev MEM:EX
To:	Messmer, Mark J MEM:EX
Cc:	Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:31:43 AM

Nice. I don't have any more changes.

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Thursday, April 21, 2016 8:27 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

And a couple more.

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:23 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

And added...

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Thursday, April 21, 2016 8:21 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Couple more small edits.

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:11 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM

To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability

Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

From:	Newell, Chris J MEM:EX
To:	Quist, Bev MEM:EX; Messmer, Mark J MEM:EX
Cc:	Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:43:35 AM
Attachments:	Recreational Handpanning Info update 2.docx

What do you think about the attached?

Chris

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:11 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to

recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>

> <233-2016 94_2016.pdf>

Mineral Titles

Information Update

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* allows individuals who do not hold a Free Miners Certificate (FMC) to hand pan for placer minerals in a watercourse as a recreational activity.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover ~~those minerals or~~ placer minerals having the greatest specific gravity. ~~No equipment or tools other than a hand pan, hand shovel and a metal detector can be used in recreational hand panning~~ Recreational hand panning is strictly limited to the following tools: Hand pan and shovel.

Comment [NCJM1]: The act doesn't talk about metal detectors.

The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore a person may use unrecorded water without an authorization as indicated in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

~~**Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and with the approval of the Inspector of Mines.**~~

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission.

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand panning:

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

In the event of a discrepancy between this information and the provisions in the *Mineral Tenure Act* and Regulation, the provisions in the statute and regulations will apply.

Ministry of Energy and Mines
Mineral Titles

www.mineraltitles.gov.bc.ca

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

From:	Quist, Bev MEM:EX
To:	Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Cc:	Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:51:06 AM
Attachments:	Draft -- InfoUpdate Apr 21 2016 - 4.docx

Please see attached

-----Original Message-----
From: Newell, Chris J MEM:EX
Sent: Thursday, April 21, 2016 8:44 AM
To: Quist, Bev MEM:EX; Messmer, Mark J MEM:EX
Cc: Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

What do you think about the attached?

Chris

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:11 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX
Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN; s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>
> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250)

828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

BRITISH COLUMBIA

Mineral Titles

Information Update

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* allows individuals who do not hold a Free Miners Certificate (FMC) to hand pan for placer minerals in a watercourse as a recreational activity.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover placer minerals having the greatest specific gravity. **Recreational hand panning is strictly limited to the following tools: Hand pan and shovel.**

The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore a person may use unrecorded water without an authorization as indicated in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the Band;

4. On private property without the owner's permission.

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand panning:

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

Email: Mineral.Titles@gov.bc.ca

www.mineraltitles.gov.bc.ca

From:	Messmer, Mark J MEM:EX
To:	Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Cc:	Upper, Andrew MEM:EX
Subject:	RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act
Date:	Thursday, April 21, 2016 8:52:21 AM
Attachments:	Draft -- InfoUpdate2- Apr 22 2016 (3).docx

I like you addition about leaving out metal detectors. We should be silent on that (i.e. people can use them but we don't regulate them and it is not rec hand panning).

Any further changes let's work off this version

-----Original Message-----
From: Newell, Chris J MEM:EX
Sent: Thursday, April 21, 2016 8:44 AM
To: Quist, Bev MEM:EX; Messmer, Mark J MEM:EX
Cc: Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

What do you think about the attached?

Chris

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Thursday, April 21, 2016 8:11 AM
To: Messmer, Mark J MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I changed the wording in the first paragraph slightly. Andrew and Chris any comments?

Cheers
Bev

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Wednesday, April 20, 2016 7:00 PM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX; Upper, Andrew MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

I made a few more edits in track changes.

Once we have a clean draft I can send it to Randy Cairns at Moe and get his blessing.

Thanks Bev!

-----Original Message-----

From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 12:32 PM
To: Upper, Andrew MEM:EX
Cc: Newell, Chris J MEM:EX; Messmer, Mark J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi All,

Changes to IU 2:

- I removed the point about Critical Fish habitat
- I moved the section about not panning on someone else's claim without permission into the numbered point sections to cut down on space.
- I bolded the section about not using a sluice box and added high banker to the list
- I read the Water Sustainability Act and the Regulation but I am not 100% sure if people are allowed to recreationally hand pan on sensitive streams. It looks like it is up to the designated decision maker to decide whether or not to assign licenses on these streams, but since hand panning is considered prospecting for a mineral and doesn't require a licence, people probably can hand pan on these creeks. Is there someone from Water we can ask or should we seek legal advice or should we just remove this final point?

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Wednesday, April 20, 2016 10:36 AM
To: Quist, Bev MEM:EX
Cc: Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Thanks Bev.

I wasn't sure about the flow (pun intended) of the fist paragraph.....what do you think of that?

Andrew

-----Original Message-----
From: Quist, Bev MEM:EX
Sent: Wednesday, April 20, 2016 10:35 AM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX
Subject: RE: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hey Andrew,

I added a fourth bullet point about sensitive streams in schedule B of the water sustainability act. I also added a fifth bullet point about Critical Fish Habitat streams in the Cariboo-Chilcotin, but because this is a regional thing I am not sure if we should include it.

Cheers
Bev

-----Original Message-----
From: Upper, Andrew MEM:EX
Sent: Tuesday, April 19, 2016 10:05 AM
To: Quist, Bev MEM:EX; Newell, Chris J MEM:EX

Subject: FW: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Hi there. I've started by placing some text into a draft of IU2, saved in drafts folder for information updates.

Take a look and, if need be, make some edits.

Thanks!

Andrew

-----Original Message-----
From: Messmer, Mark J MEM:EX
Sent: Monday, April 18, 2016 6:43 PM
To: Upper, Andrew MEM:EX; Newell, Chris J MEM:EX; Quist, Bev MEM:EX
Subject: Re: Water Use for Mineral Exploration and Small Scale Placer under the Water Sustainability Act

Can you work on some changes to the rec hand panning info update in light of this. Thanks.

> On Apr 18, 2016, at 10:58 AM, Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca> wrote:
>
>
>
> Randy Cairns
> Water Protection and Sustainability Branch Environmental
> Sustainability and Strategic Policy Division Ministry of Environment
> (250) 387-3768
> www.livingwatersmart.ca<http://www.livingwatersmart.ca>
>
>
> From: Graeme, Ian ENV:EX
> <Ian.Graeme@gov.bc.ca<mailto:Ian.Graeme@gov.bc.ca>>
> Sent: Friday, April 15, 2016 5:41 PM
> To: XT:Conte, Rick FLNR:IN s.22
> Cc: Adams, Rick MEM:EX; Robb, Peter L. MEM:EX; Amann-Blake, Nathaniel
> MEM:EX; Hoffman, Al MEM:EX; Trotter, Ward FLNR:EX; White, Ted T
> ENV:EX; Lewis, Kaaren ENV:EX
> Subject: Water Use for Mineral Exploration and Small Scale Placer
> under the Water Sustainability Act
>
>
> Dear Rick Wittner and Rick Conte:
>
> Attached please find an Information Update that describes recent amendments to the Water Sustainability Regulation made in response to the concerns of the placer mining and mineral exploration sectors regarding the Water Sustainability Act. The changes provide a temporary exemption for Mines Act section 10<http://www.bclaws.ca/civix/document/id/complete/statreg/96293_01#section10> permit holders from the requirement to have a water licence or use approval for water used in conducting mineral exploration drilling and small scale placer mining activities.
>
> The exemption is subject to specified conditions to protect water rights and the environment. We have also confirmed that the use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral' and therefore can use unrecorded water without an authorization as provided in section 6(3) of the Water Sustainability Act<http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6>.
>
> In the long-term, the Ministry is committed to developing further regulatory amendments in conjunction with Ministry of Energy and Mines and industry, to be in place for the 2017 operating season.
>

> Please feel free to distribute the update to members of your associations. The specific amendments to the Water Sustainability Regulation are also available online at: https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules.
>
> Should you have any questions about the changes, please contact Rick Adams, Regional Director, Mining Operations, Ministry of Energy and Mines at Rick.Adams@gov.bc.ca<mailto:Rick.Adams@gov.bc.ca> or (250) 828-4583<http://dir.gov.bc.ca/gtds.cgi?esearch=&view=detailed&for=people&attribute=telephone&matchMethod=is&searchString=828%2d4583>.
>
> Regards,
>
> Ian Graeme, RPF | Manager, Watershed Sustainability | Water Protection
> & Sustainability Branch| Ministry of Environment | ph: 250.356.6663
> |www.livingwatersmart.ca <Info Update - Mineral Exploration and Small
> Scale Placer_Apr 15 2016.pdf>
> <233-2016 94_2016.pdf>

No. 2 – Recreational Hand Panning for Placer Minerals

Revision Date: --

The *Mineral Tenure Act* allows individuals who do not hold a Free Miners Certificate (FMC) to hand pan for placer minerals in a watercourse as a recreational activity.

Hand panning means to wash mineralized earth and gravel by agitation in a hand held pan so as to separate and recover those minerals or placer minerals having the greatest specific gravity. No equipment or tools other than a hand pan, and hand shovel may be used in recreational hand panning.

The use of water for recreational hand panning and hand placer mining is considered to be 'prospecting for a mineral as defined in section 1 of the Water sustainability Act. A person may use unrecorded water without an authorization as indicated in section 6(3) of the Water Sustainability Act (http://www.bclaws.ca/civix/document/id/complete/statreg/14015#section6).

Use of equipment such as a sluice box, high banker, rocker box, shaker and suction dredge is strictly regulated in British Columbia. Such equipment must not be used except on a valid placer title and/or with the approval of the Inspector of Mines.

Hand panning must **not** be carried out:

1. On a valid mineral or placer title unless the person has permission from the recorded holder of the mineral or placer title (Section 9(2) of the *Mineral Tenure Act);*

2. Within a park, conservancy, ecological reserve, or protected area, unless permission from the park warden or administrative agency responsible for the park is first obtained;

3. On an Indian Reservation or Treaty Settlement Lands, unless permission is first obtained from the First Nation(s);

4. On private property without the owner's permission.

The Ministry has created a number of recreational panning reserves around the Province that are open to the general public to use for recreational hand panning:

http://www2.gov.bc.ca/gov/content/industry/mineral-exploration-mining/mineral-titles/reserves/recreational-panning-reserves

For further information, please contact Mineral Titles.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z 2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

www.mineraltitles.gov.bc.ca

Email: Mineral.Titles@gov.bc.ca

Mineral Titles

Information Update

No. 38 – Acceptable Practices for Placer Hand Mining in British Columbia

Date: XXX

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application or obtaining a *Mines Act* permit.

The provisions of Section 6(3) of the *Water Sustainability Act* that allow the use of unrecorded water to prospect for a mineral apply to placer hand mining practices as described in this information update.

DEFINITIONS

Gravel bar: an elevated area of sediment (such as sand or gravel) deposited above the water flow.

Placer Hand Mining: hand operations are defined as those using hand tools including: hand sluice, high banker and water pump (maximum 38 mm intake).

Riparian Setback: With the exception of the Fraser River, a riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2. On the Fraser River, the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and all work and disturbance must remain at least 1 m in elevation above the current water level.

Watercourse: the area between the high water marks on the opposite banks; and includes the banks, the gravel bars and the stream at any running level.

The term "**operate in the dry**" applies to all aspects of hand mining including the excavation of gravel

In the event of a discrepancy between this information and the provisions of the *Mineral Tenure Act, the Water Sustainability Act, Mines Act and regulations under these Acts,* the acts and regulations will apply.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

www.mineraltitles.gov.bc.ca

Email: Mineral.Titles@gov.bc.ca

The following outlines acceptable practices for placer hand mining:

1. No pay dirt may be extracted from under the water of any watercourse.

2. No placer hand mining, (including the removal of vegetation or gravel or other disturbance) may occur within the riparian setback, aside from a narrow foot path to access areas that are outside the riparian setback. Placer hand mining may only occur on areas outside of the riparian setback, whether on a gravel bar or above the high water mark of a watercourse. Placer hand mining is restricted to un-vegetated portions of the gravel bar and absolutely no vegetation is to be removed or disturbed.

3. Excavated material from a gravel bar must not be transported away from the gravel bar for processing. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled to avoid the entrapment of fish should water levels fluctuate due to seasonal variation.

4. There must be no discharge of silt laden water into a watercourse. All water discharged from a sluice box or high banker must be discharged into a settling pond for exfiltration.

5. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback. A sluice box must not be used within the flowing water of any watercourse.

6. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

7. Fuel must not be stored within the high water mark or riparian setback and emergency spill kits shall be retained on site.

8. The use of suction dredging and hand or mechanically powered “sniping” equipment in any watercourse is not permitted.

9. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when the claim is not occupied for the purpose of conducting placer mining activity. Placer claims must not be used for recreational camping or other recreational purposes and may only be

occupied by the recorded holder while legitimate placer exploration activity is occurring. All waste shall be disposed of in a manner that provides full protection to the watercourse.

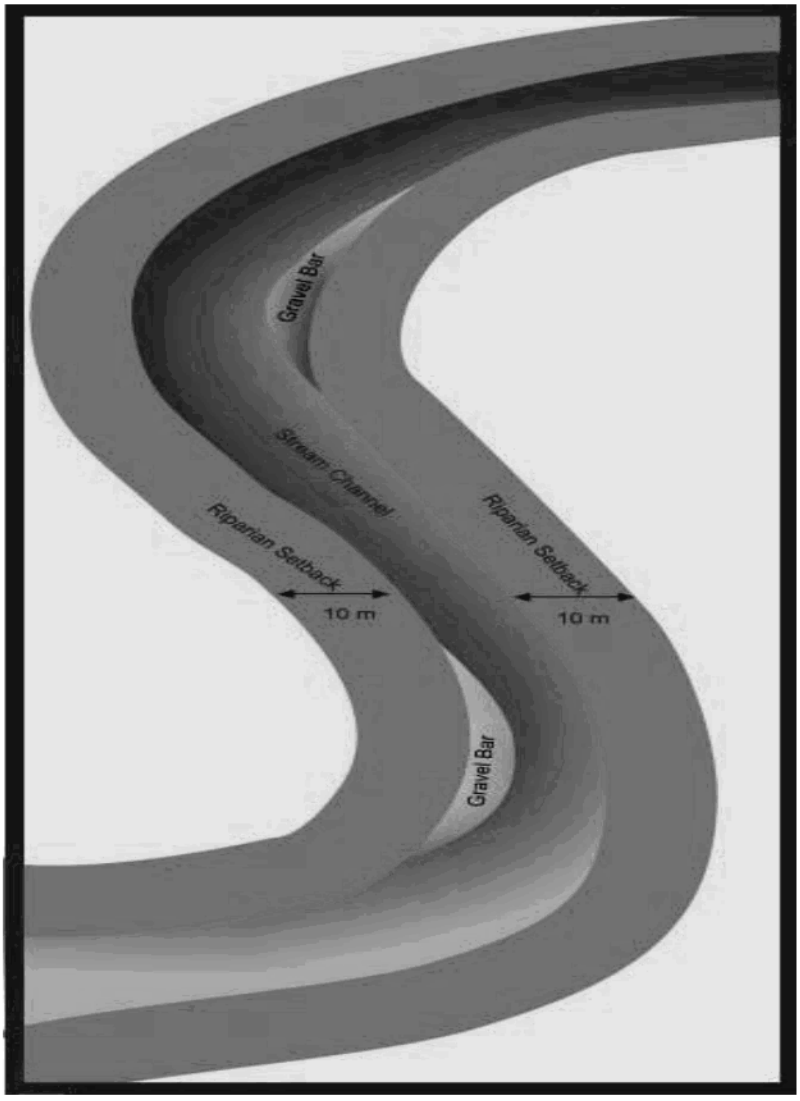


Figure 1: Depiction of the 10 metre riparian setback from a watercourse. The 10 metres is measured from the high water mark.

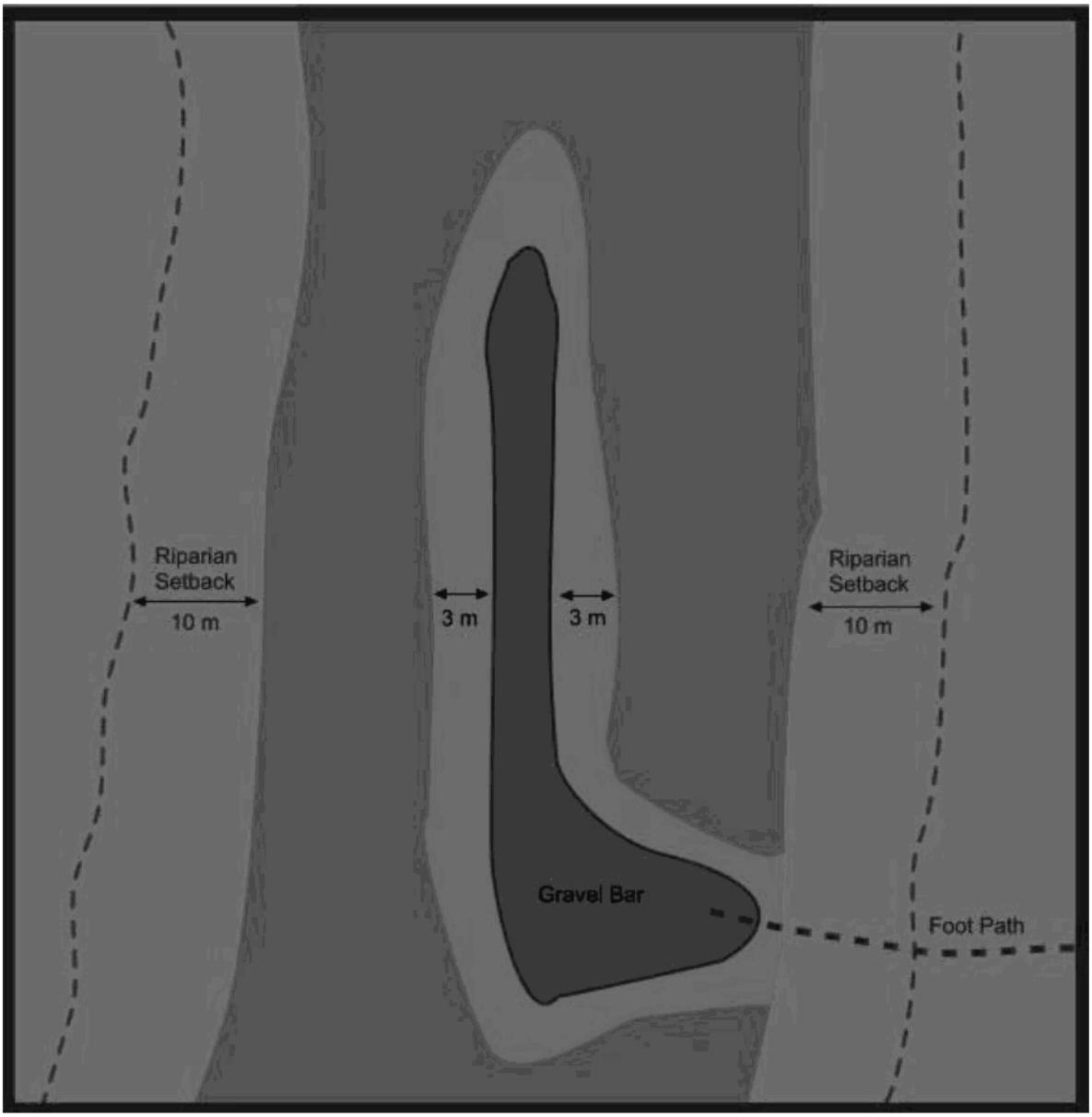


Figure 2: Depiction of the 3 metre riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 metre riparian setback along the watercourse.

Page 342 to/à Page 345

Withheld pursuant to/removed as

DUPLICATE

Mineral Titles

Information Update

No. 38 – Acceptable Practices for Placer Hand Mining in British Columbia

April 12, 2016

Recorded holders of placer claims may conduct hand mining activity on their placer claims on dry and non-vegetated portions of gravel bars and outside the riparian setback without submitting a Notice of Work application or obtaining a *Mines Act* permit.

The provisions of Section 6(3) of the *Water Sustainability Act* that allow the use of unrecorded water to prospect for a mineral apply to placer hand mining practices as described in this information update.

DEFINITIONS

Gravel bar: an elevated area of sediment (such as sand or gravel) deposited above the water flow.

Placer Hand Mining: hand operations are defined as those using hand tools including: hand sluice, high banker and water pump (maximum 38 mm intake).

Riparian Setback: With the exception of the Fraser River, a riparian setback is defined as 10 horizontal metres out from the high water mark of any watercourse, wetland or waterbody. The riparian setback on a gravel bar within a watercourse is defined as 3 metres from the edge of the water. See figures 1 and 2. On the Fraser River, the riparian setback on a gravel bar within a watercourse is defined as 10 metres from the edge of the water, and all work and disturbance must remain at least 1 m in elevation above the current water level.

Watercourse: the area between the high water marks on the opposite banks; and includes the banks, the gravel bars and the stream at any running level.

The term "**operate in the dry**" applies to all aspects of hand mining including the excavation of gravel

In the event of a discrepancy between this information and the provisions of the *Mineral Tenure Act, the Water Sustainability Act, Mines Act and regulations under these Acts,* the acts and regulations will apply.

Ministry of Energy and Mines
Mineral Titles

4th Floor, 1810 Blanshard St. *(by appt. only)*
PO Box. 9322 Stn Prov. Gov't
Victoria, BC V8W 9N3

300 – 865 Hornby Street
Vancouver, BC V6Z2G3

Telephone: 1-866-616-4999

Fax: 604-660-2653

www.mineraltitles.gov.bc.ca

Email: Mineral.Titles@gov.bc.ca

The following outlines acceptable practices for placer hand mining:

1. No pay dirt may be extracted from under the water of any watercourse. This excludes panning and collecting silt samples from within the wetted perimeter of a watercourse.

2. No placer hand mining, (including the removal of vegetation or gravel or other disturbance) may occur within the riparian setback, aside from a narrow foot path to access areas that are outside the riparian setback. Placer hand mining may only occur on areas outside of the riparian setback, whether on a gravel bar or above the high water mark of a watercourse. Placer hand mining is restricted to un-vegetated portions of the gravel bar and absolutely no vegetation is to be removed or disturbed.

3. Excavated material from a gravel bar must not be transported away from the gravel bar for processing. All excavations and any settling ponds must be leveled and contoured as gravel is processed in order to ensure that all depressions are filled to avoid the entrapment of fish should water levels fluctuate due to seasonal variation.

4. There must be no discharge of silt laden water into a watercourse. All water discharged from a sluice box or high banker must be discharged into a settling pond for exfiltration.

5. A sluice box, high banker, settling pond, tailings pile and any excavations of pay dirt shall not be located within a riparian setback. A sluice box must not be used within the flowing water of any watercourse.

6. The sluice box or high banker shall be readily moved by hand and cannot contain any moving parts driven by mechanical means, with the exception of a small portable water pump. Water intakes shall be screened in accordance with Federal Department of Fisheries and Oceans specifications (screen openings shall not exceed 2.5 mm). Size of pumps shall not exceed a 38 mm (1.5 inches) suction intake.

7. Fuel must not be stored within the high water mark or riparian setback and emergency spill kits shall be retained on site.

8. The use of suction dredging and hand or mechanically powered “sniping” equipment in any watercourse is not permitted.

9. Construction or occupation of cabins, sheds or other structures on Crown land is not permitted. Tents, trailers or campers are permitted outside of the riparian setback but must be removed when the claim is not occupied for the purpose of conducting placer mining activity. Placer claims

must not be used for recreational camping or other recreational purposes and may only be occupied by the recorded holder while legitimate placer exploration activity is occurring. All waste shall be disposed of in a manner that provides full protection to the watercourse.

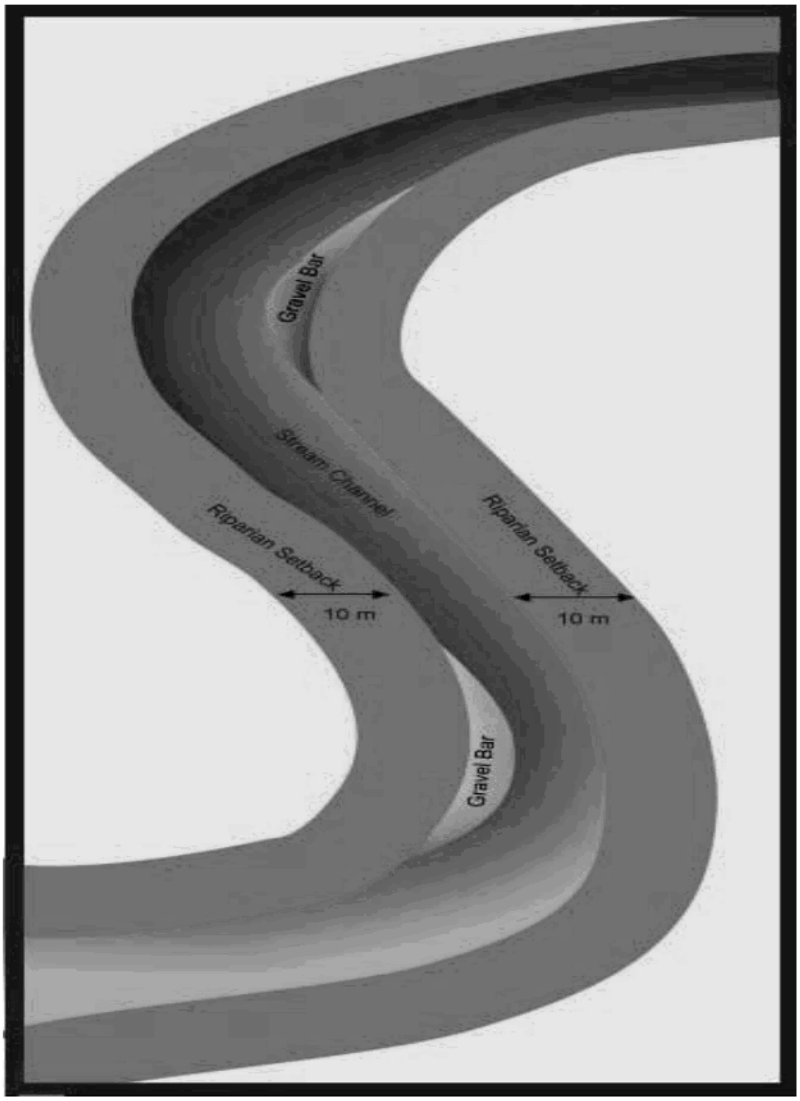


Figure 1: Depiction of the 10 metre riparian setback from a watercourse. The 10 metres is measured from the high water mark.

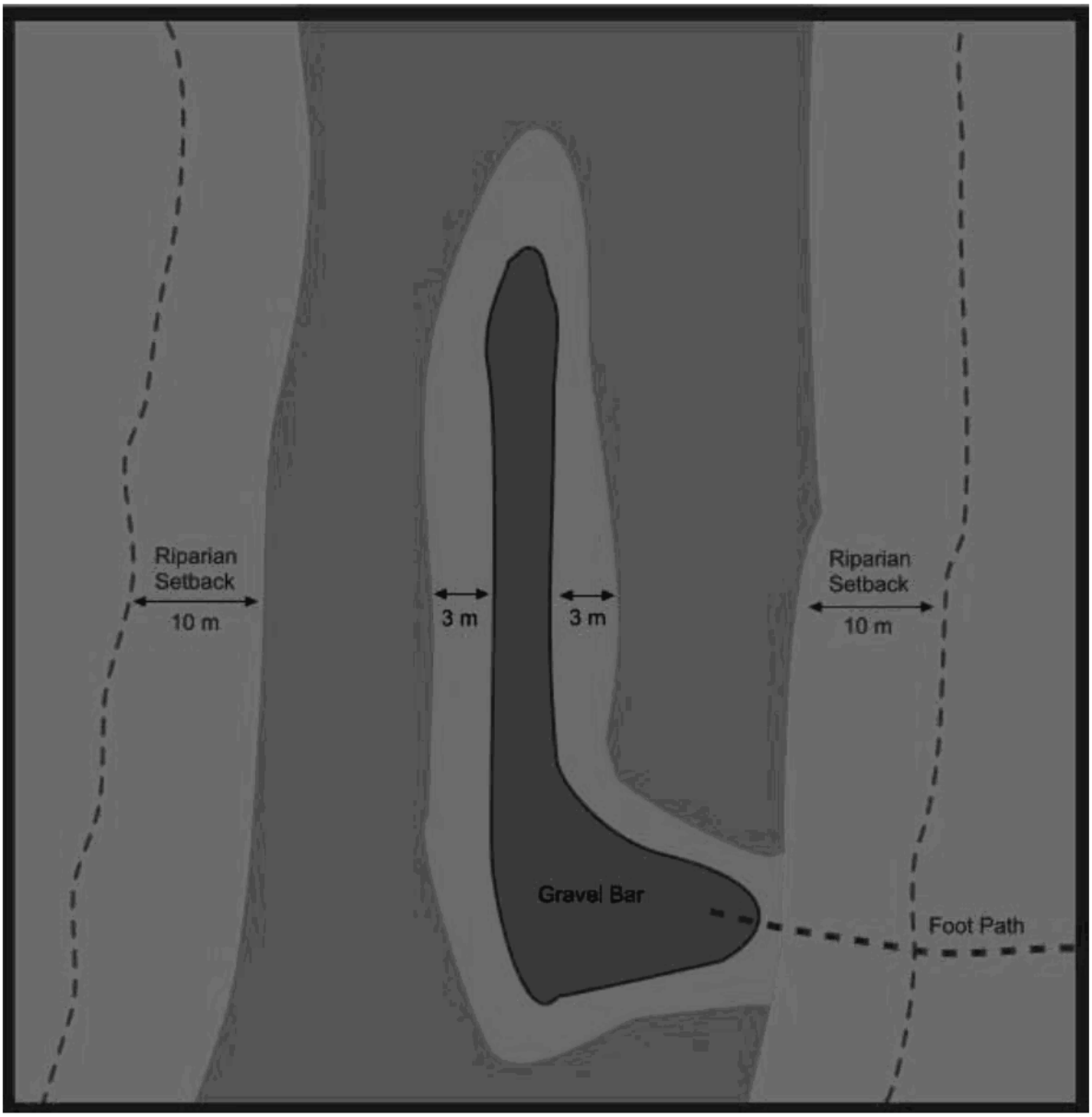


Figure 2: Depiction of the 3 metre riparian setback on a dry un-vegetated gravel bar and the foot path across the 10 metre riparian setback along the watercourse.

Rioux, Luke MEM:EX

From:	Bennett, Bill MEM:EX
Sent:	Wednesday, July 20, 2016 12:06 PM
To:	Rioux, Luke MEM:EX
Cc:	Wallace-Deering, Eric MEM:EX
Subject:	FW: Minister Bennett meeting with Louise Gordon - 2:30-3:00pm Wednesday, February 24
Categories:	62680

FOI 62680

From: Bennett, Bill MEM:EX
Sent: Tuesday, February 23, 2016 10:13 AM
To: Costa, Sarina MEM:EX
Cc: Petrie, Cynthia MEM:EX; Wallace-Deering, Eric MEM:EX; Lewis, Ted MEM:EX
Subject: Re: Minister Bennett meeting with Louise Gordon - 2:30-3:00pm Wednesday, February 24

Whoever is in support from the ministry should be familiar with Dave Morel's notes from our trip up there.

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Costa, Sarina MEM:EX
Sent: Tuesday, February 23, 2016 10:03 AM
To: Bennett, Bill MEM:EX
Cc: Petrie, Cynthia MEM:EX; Wallace-Deering, Eric MEM:EX; Lewis, Ted MEM:EX
Subject: FW: Minister Bennett meeting with Louise Gordon - 2:30-3:00pm Wednesday, February 24

Hi Minister. Please see request below requests for the call tomorrow at 2:30 with Louise Gordon and let me know how to proceed. Thanks.

Sarina

From: Eric Telford [mailto:lands.engagement@gov.trtfn.com]
Sent: Tuesday, February 23, 2016 9:01 AM
To: Costa, Sarina MEM:EX; 'Louise Gordon'
Cc: Mark Connor; 'Tina Brooks'
Subject: Minister Bennett meeting with Louise Gordon - 2:30-3:00pm Wednesday, February 24
Importance: High

Hello Sarina,

To follow up on our call yesterday, the TRT would like to confirm the 2:30-3:00pm timeslot for the meeting with Minister Bennett. Mark Connor and I will be on the call with Louise Gordon representing the TRT.

Can you please forward the Draft Statement of Co-operation with Alaska? Please advise ahead of time if the Minister requests any specific information from the TRT.

On the second half of the call, Louise Gordon requests 15 minutes to discuss the status of placer mining revenue sharing with the Minister (please see attached letter).

We have a toll-free call in number you can use:
s.15

Thank you,

Eric Telford
Co-Manager, Land and Resources
Taku River Tlingit First Nation
lands.engagement@gov.trtfn.com
250.651.7925

Rioux, Luke MEM:EX

From: Bennett, Bill MEM:EX
Sent: Wednesday, July 20, 2016 12:05 PM
To: Rioux, Luke MEM:EX
Cc: Wallace-Deering, Eric MEM:EX
Subject: FW: Amarc - PDAC

Categories: 62680

FOI 62680

From: Bennett, Bill MEM:EX
Sent: Saturday, April 2, 2016 7:30 PM
To: Robb, Peter L. MEM:EX
Cc: McKnight, Elaine L MEM:EX
Subject: Re: Amarc - PDAC

Thanks Peter. I look forward to catching up with you on this when I am back.

Bill

Sent from Bill Bennett,
Minister of Energy & Mines
British Columbia

On Apr 1, 2016, at 2:32 PM, Robb, Peter L. MEM:EX <Peter.Robb@gov.bc.ca> wrote:

> Good Afternoon,
>
> I have been working on this the last week or two with staff at MOE and MEM trying to get a solution. Leading up to the enactment of the WSA staff were clear of the impacts and concerns. AMEBC, I understand also raised concerns during consultations. In an effort to address this season, the development of an OIC to exemption for both placer and exploration similar to how previous policy treated water use in exploration and placer is the most immediate. The only concerns we have with the current solution being expedited by MOE (in attached email above) are as follows:
>
> a) MEM staff have confirmed Part 4 exemption parameters for well drilling are too restrictive for MX drilling - MEM has requested Rick Conte, AMEBC work with MEM provide alternate parameters which would work for their members; and
> b) The "prescribed manner" definition must be developed immediately by OIC – multi-year permitted MX and placer operations are now non-compliant, and newly permitted sites will be once they commence operations.
>
> The question that MOE is looking into is what are their options for addressing issues immediately for existing operations or already permitted ones. I will continue to monitor over the weekend and report out on Monday. We may want to message to Amarc early next week the messaging that we are working on an exemption for the sectors as this was not intended outcome and a phased implementation, once it is conformed by MOE lawters.

Please feel free to call me

From: Diane S. Nicolson [mailto:DianeNicolson@hdimining.com]
Sent: Friday, April 1, 2016 4:19 PM
To: Bennett, Bill MEM:EX; McKnight, Elaine L MEM:EX; Robb, Peter L. MEM:EX
Cc: Jason Quigley
Subject: Amarc - PDAC

Good afternoon Minister Bennett, Elaine and Peter - thanks again for taking the time in a busy schedule to meet with Amarc at PDAC. We appreciate both our open discussions and also ongoing constructive relations.

As a heads up please see attached below an email thread with FLNRO officials in regards to an application from Amarc for a short-term water use approval, under the newly introduced *Water Sustainability Act,* in relation to the IKE drilling.

As you know Amarc was recently issued a 50 drill hole permit (including water use and other matters) for the IKE project by MEM in approximately 60 days. It is challenging for us that now FLNRO estimates that an additional 90 days is required to process the water use for a second time.

Obviously this wasn't government's intention with the *Water Sustainability Act*. However, Amarc does now find itself in a tough spot not least as the commencement of field activities could be significantly delayed. As our field season is limited in extent such a delay could have serious implications for us. Given all the good works completed together in relation to the IKE drill permit, and the constructive discussions we have had with the regional MEM folks I am hoping that this matter can be resolved expeditiously.

Regards,

Diane

Diane Nicolson President

<image001.jpg>

15th Floor 1040 W. Georgia St. Vancouver BC V6E 4H1 Canada
T +1-604-684-6365 **F** +1-604-639-9210 **TF** 800-667-2114 **C** +1-778-388-4603
E DianeNicolson@hdimining.com **Web** hdimining.com

From: Jason Quigley
Sent: March-31-16 6:09 PM
To: 'Weir, David J FLNR:EX' <David.J.Weir@gov.bc.ca>
Cc: Pressey, Nicole FLNR:EX <Nicole.Pressey@gov.bc.ca>; White, Ted T ENV:EX <Ted.White@gov.bc.ca>; Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca>
Subject: RE: Amarc IKE mineral exploration program - water use permit

Hi David, it is unfortunate that the Tsilhqot'in Stewardship Agreement (TSA) hasn't contemplated *Water Sustainability Act* (WSA) applications in Appendix E or F (re: notification engagement levels 0 and 1). So it looks like the WSA application will enter the TSA at engagement level 2 which is the same level used for our mineral exploration permit. Please let me know if you have a different view.

I am glad to hear you can rely on some of the information as part of the consultation process. In light of that, we think that the ministry should issue the permit as soon as possible subject only to TSA timeframes (which are 20 days or a maximum of a further 20 days) and not 90 days. We ask that the ministry administratively expedite time sensitive files such as ours.

The timeline as indicated below (90 days) unfortunately does present a significant problem for Amarc. It would mean, at minimum, that the company would miss the first two months of a very short field season. Given the financial implications of this kind of reduction of the field season for Amarc, I wanted to give you a heads up that we find ourselves in the position of having to raise this matter in Victoria. To be clear, we are raising this in Victoria so people are aware of the situation the legislation has created and not to complain about you.

Regards,

Jason

Jason Quigley Executive Vice President | Regulatory & Stakeholders Affairs

<image002.jpg>

Amarc Resources Ltd. | 15th Floor 1040 W. Georgia St. Vancouver BC V6E 4H1 Canada
T +1-604-684-6365 **F** +1-604-639-9207 **TF** 800-667-2114
E JasonQuigley@hdimining.com **Web** hdimining.com

From: Weir, David J FLNR:EX [mailto:David.J.Weir@gov.bc.ca]
Sent: March-30-16 3:59 PM
To: Jason Quigley <JasonQuigley@hdimining.com>
Cc: Pressey, Nicole FLNR:EX <Nicole.Pressey@gov.bc.ca>; White, Ted T ENV:EX <Ted.White@gov.bc.ca>; Cairns, Randy ENV:EX <Randy.Cairns@gov.bc.ca>
Subject: RE: Amarc IKE mineral exploration program - water use permit

Our current target for this kind of permit is 90 days from the time that an acceptable application is received by this office. In this case I would assume the consultation process will take no more than 30 days and will occur concurrently with the 90 days of adjudication.

David Weir
Water Section Head,
Ministry of Forest Lands and Natural Resource Operations
Williams Lake , BC
David.J.Weir@gov.bc.ca
(250) 398 4924
Cell 250 267-5925

From: Jason Quigley [mailto:JasonQuigley@hdimining.com]
Sent: Wednesday, March 30, 2016 3:54 PM
To: Weir, David J FLNR:EX
Cc: Pressey, Nicole FLNR:EX
Subject: RE: Amarc IKE mineral exploration program - water use permit

Thanks.

I am also interested to know at what level the ministry believes the application should be filed in the Tsilhqot'in Stewardship Agreement process?

With respect to your current procedures – how long is the permitting process? The MEM and FLNRO issued our 5 year, 50 hole drill permit (including the water use component) in approximately 60 days so I trust the short term use of water permit will be quicker than this?

Thanks

Jason

Jason Quigley Executive Vice President | Regulatory & Stakeholders Affairs



Amarc Resources Ltd. | 15th Floor 1040 W. Georgia St. Vancouver BC V6E 4H1 Canada
T +1-604-684-6365 **F** +1-604-639-9207 **TF** 800-667-2114
E JasonQuigley@hdimining.com **Web** hdimining.com

From: Weir, David J FLNR:EX [mailto:David.J.Weir@gov.bc.ca]
Sent: March-30-16 2:31 PM
To: Jason Quigley <JasonQuigley@hdimining.com>
Cc: Pressey, Nicole FLNR:EX <Nicole.Pressey@gov.bc.ca>
Subject: RE: Amarc IKE mineral exploration program - water use permit

Nicole should have access to the consultation record and we will consider what we can but we will have to conduct at least a minimum level of consultation as the water decision could not have been considered in the past consultation. However, we don't have to address any concerns already addressed in the previous consultation; we should only have to address water related concerns previously identified that were not addressed and/or new water related concerns.

I would expect that the process will not delay the decision as it will occur concurrently with the decision adjudication.

David Weir
Water Section Head,
Ministry of Forest Lands and Natural Resource Operations
Williams Lake , BC
David.J.Weir@gov.bc.ca
(250) 398 4924
Cell 250 267-5925

From: Jason Quigley [mailto:JasonQuigley@hdimining.com]
Sent: Wednesday, March 30, 2016 12:51 PM
To: Weir, David J FLNR:EX
Subject: RE: Amarc IKE mineral exploration program - water use permit

Hi David, thanks for the response.

We were thinking that given the extensive consultations undertaken on the same activities by FLNRO on behalf of MEM, that the ministry could review and rely on that record in advance of launching an additional consultation and in so doing potentially only need to send a notification to First Nations. Our interest in suggesting this approach is to ensure the most efficient process possible which might also assist with timing and help the ministry with workload.

Amarc's activities have no potential to impact asserted Aboriginal rights. The ministry has come to this conclusion several times on previous drill permits.

Amarc's mineral exploration program at IKE is high elevation and accessed by helicopter, so because of health and safety matters it is only accessible for a short season in the summer months. Attached are a couple of photos of the area for context.

s.16

Jason

Jason Quigley Executive Vice President | Regulatory & Stakeholders Affairs

<image002.jpg>

Amarc Resources Ltd. | 15th Floor 1040 W. Georgia St. Vancouver BC V6E 4H1 Canada
T +1-604-684-6365 **F** +1-604-639-9207 **TF** 800-667-2114
E JasonQuigley@hdimining.com **Web** hdimining.com

From: Weir, David J FLNR:EX [mailto:David.J.Weir@gov.bc.ca]
Sent: Tuesday, March 29, 2016 2:15 PM
To: Jason Quigley <JasonQuigley@hdimining.com>
Cc: Pressey, Nicole FLNR:EX <Nicole.Pressey@gov.bc.ca>
Subject: RE: Amarc IKE mineral exploration program - water use permit

Thank you for the information. The application will be processed in accordance with our current procedures. We will have to consult on the water sustainability act decision separately from the other decisions but we will review the information provided when or if we receive concerns from First Nations.

David Weir
Water Section Head,
Ministry of Forest Lands and Natural Resource Operations
Williams Lake , BC
David.J.Weir@gov.bc.ca
(250) 398 4924
Cell 250 267-5925

From: Jason Quigley [mailto:JasonQuigley@hdimining.com]
Sent: Tuesday, March 29, 2016 1:18 PM

To: Weir, David J FLNR:EX
Subject: Amarc IKE mineral exploration program - water use permit

Hi David, attached is our recent application under the *Water Sustainability Act* for a short term water use permit. As you may know, the water use for Amarc's mineral exploration activities and related mitigations was a topic of discussions during the recent and previous consultations with First Nations in relation to our mineral exploration permit. Our view is that additional consultations for the same activity that has already undergone consultations should not be necessary and that the ministry should be able to rely on the previous record. I have attached all the related materials for your ease of reference.

Please let me know if you have any questions.

Regards,

Jason

Jason Quigley Executive Vice President | Regulatory & Stakeholders Affairs

<image002.jpg>

Amarc Resources Ltd. | 15th Floor 1040 W. Georgia St. Vancouver BC V6E 4H1 Canada
T +1-604-684-6365 **F** +1-604-639-9207 **TF** 800-667-2114
E JasonQuigley@hdimining.com **Web** hdimining.com

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (604-684-6365) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Hunter Dickinson Inc. or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Hunter Dickinson Inc. nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

<mime-attachment>

Rioux, Luke MEM:EX

Subject: FW: Boulder Creek Bridge - Adanac Molybdenum Corporation
Attachments: MEM BC bridge letter_May 4 16.pdf; ATT00001.htm

From: Bennett, Bill MEM:EX
Sent: Wednesday, July 20, 2016 12:05 PM
To: Rioux, Luke MEM:EX
Cc: Wallace-Deering, Eric MEM:EX
Subject: FW: Boulder Creek Bridge - Adanac Molybdenum Corporation

FOI 62680

From: Bennett, Bill MEM:EX
Sent: Wednesday, May 4, 2016 5:51 PM
To: Robb, Peter L. MEM:EX
Cc: Wallace-Deering, Eric MEM:EX; McKnight, Elaine L MEM:EX
Subject: Fwd: Boulder Creek Bridge - Adanac Molybdenum Corporation

Peter, can someone please let the writer know we will look into this. I was thinking that if the Taku wanted the road open perhaps FLNRO would reconsider its decommissioning. Do local people in Atlin want it left open? That too seems important.

Thanks Peter.

Bill

Sent from Bill Bennett,
Minister of Energy & Mines
British Columbia

Begin forwarded message:

> **From:** Leonard Sojka <lsojka@adanacmoly.com>
> **Date:** May 4, 2016 at 9:46:59 AM PDT
> **To:** bill.bennett@gov.bc.ca
> **Cc:** "Flynn, Doug MEM:EX" <doug.flynn@gov.bc.ca>
> **Subject: Boulder Creek Bridge - Adanac Molybdenum Corporation**
>
> Dear Sir or Madam,
>
> Please see attached letter for Minister Bennett.
>
> Thank you,
>
> Leonard Sojka
> President and CEO
> Adanac Molybdenum Corporation

lsojka@adanacmoly.com

ADANAC
MOLYBDENUM
CORPORATION

May 5, 2016

Honourable Bill Bennett
Minister
Ministry of Energy and Mines
Victoria, BC V8W9E2

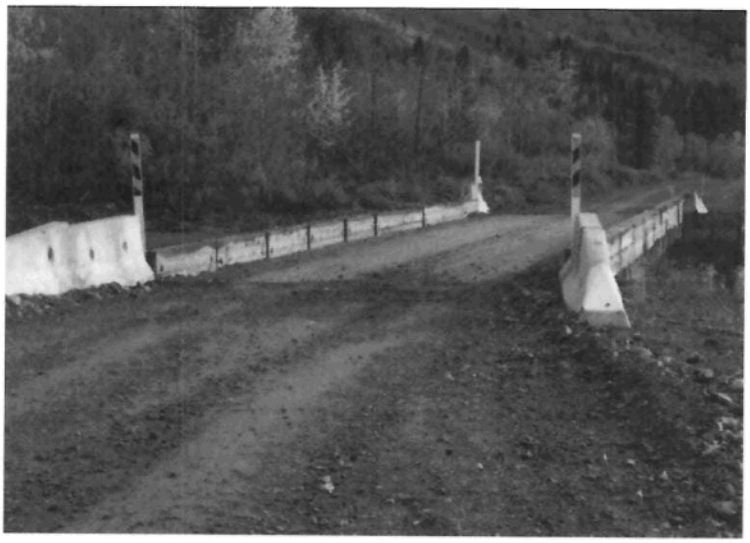
Dear Sir:

This letter seeks Ministry of Energy and Mines ("MEM") approval of maintaining the existence of a perfectly good provincial road, as follows.

Adanac seeks the refund of its $85,000 deposit with the Ministry of Forests, Lands and Natural Resource Operations ("FLNRO") under a Special Use Permit ("SUP") with respect to the 16 km Adanac Road, located approximately 7 km east of Atlin, BC.

Before returning the $85,000 deposit, FLNRO requires that the road be decommissioned, which FLNRO defines as being degraded to "allow 4x4 access."

Decommissioning requires that all existing culverts be *removed* and replaced with cross hatching. In that the culverts were put in to reduce water damage to the road, removing these culverts, even when adding cross hatching, will subject the road to accelerated deterioration.



FLNRO also wants a very solidly constructed one lane bridge over Boulder Creek, pictured above, removed and replaced with a ford.

FLNRO's perspective is to reduce any potential liability to FLNRO, which is reasonable enough. However, this road existed before Adanac significantly improved it. FLNRO's requirements disregard the perspective of the Taku River Tlingit First Nation ("TRTFN") and local placer miners who use the road. Removing the culverts and the bridge will significantly reduce the quality *and safety* of the road.

Working with Doug Flynn, Senior Inspector of Mines, Northwest Region, Adanac proposes the following solution:

The existing FLNRO SUP will be dissolved, with the road and bridge transferred to existing Mines Act permit M-231. The owner of permit-231 has agreed to take on responsibility for the road and bridge.

Prior to transferring the road and bridge, Adanac will work with the owner of M-231 to assure that the road and bridge are in very good condition. Adanac will contribute $10,000 toward upgrading road decking on the bridge. The road will be inspected and all culverts will be confirmed clear and free flowing.

The holder of permit M-231 already has a $100,000 reclamation bond in place, which is more than adequate to encompass the addition of the road and bridge, especially after upgrading any degraded road / bridge components. *Therefore, the incremental liability risk to the MEM is very, very low.*

Adanac asks that MEM approve transfer of the Adanac road to permit M-231, which is supported by the current holder, the TRTFN, other locals and Doug Flynn.

Thank you,

Leonard Sojka

Leonard Sojka
President and CEO
Adanac Molybdenum Corporation

lsojka@adanacmoly.com