

Dato: torsdag den 18. oktober 2012 14.29

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Emne: Til offentlig høring omkring Isua, jernminen. Knud seblon, Nuuk

Til den offentlige høring omkring Isua, jernmineprojekt.  
Kompetancekompaniet.

Er bruger af Nuuk fjorden som så mange andre.

Andre minelände holder disse kemikalier adskilt fra naturen. Det bliver ikke hældt ud og blandet med naturen, fjorden. Det samme skal ske her. Disse kemikalier skal filtreres fra og ikke hældes direkte ned i Nuuks søer, elve og fjord. Kemikalierne skal fjernes fra procesvand før man udleder det brugte forurenede vand videre ud til fjorden ved havnen. Ren natur koster, men er alle pengene værd.

Knud Seblon 18.10.2012 Nuuk

Kilde:

  
ISUA IRON ORE PROJECT  
ANNEX 6 OF THE EIA  
OIL AND CHEMICALS AND ASSESSMENT OF POTENTIAL IMPACTS OF SPILLS  
JULY 2012 side 18.

Reagent	Used for	Purpose	Transport mode	Average monthly quantity, T	Average yearly quantity, T	Annual consumption range T
Sulphuric Acid – 93% (H <sub>2</sub> SO <sub>4</sub> )	Sulphur flotation	To reduce pH	Liquid in isostainers of 20-29 t capacity	1,133* Only when sulphur flotation is operating	13,594*	0 – 25,000*
Xanthate (Potassium Amyl Xanthate or chemically similar equivalent product)	Sulphide flotation	To float the iron sulphides, hence separate these from the iron fraction.	Dry form in 1 t bags	378* Only when sulphur flotation is operating	453*	0 – 7,000*
Frother (Methyl Isobutyl Carbinol, other alcohols or polyglycol ethers)	Sulphide flotation	Reduce bubble size and increase froth stability in the flotation process.	Liquid in 1 m <sup>3</sup> tote tanks	63* Only when sulphur flotation is operating	755*	0 – 1,000*
Amine (Flotigam EDA, Ekafol or chemicaly similar equivalent product)	Silica flotation.	To float the silica, hence separate this from the iron fraction.	Liquid in isostainers 20-24 m <sup>3</sup>	101	1,208	750 – 1,500
Hydrated lime (Calcium hydroxide Ca(OH) <sub>2</sub> )	Silica flotation	pH increase	Dry form in 1 t bags Alternately bulk material in 20t containers	459	5,513	5,000- 10,000
Caustic Soda (NaOH)	Silica flotation	pH increase	Dry form in 1 t bags Alternately bulk material in 20t containers	346	4,154	2,000 – 5,000
Corn Starch	Silica flotation	Depressant – prevents iron from floating	Dry form in 1 t bags Alternately bulk material in 20t containers	692	8,307	5,000-10,000

Flocculant (CIBA Magnafloc 338AA or chemically similar equivalent product)	Tailings slurry	Flocculants (thickener) for tailings. To promote particle sedimentation - so that clear overflow water can be recycled in the process.	Dry form in 1 m bulk bags Alternately bulk material in 20t containers	67	802	600-1,200
Flocculant (CIBA Magnafloc 1011 or chemically similar equivalent product)	Product slurry Product filtrate	Flocculants (thickener) for concentrate product. To promote particle sedimentation so water can be recycled / discharged.	Dry form in 1 m bulk bags Alternately bulk material in 20t containers	6	74	50-200