ᓯᕗᓪᓕᕐᒥ

ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᓄᑦ ᕿᓄᔾᔪᑎᖃᔪᔪᑦ ᐃᓄᓕᕆᔨᑐᖃᒃᑯᑦ ᐱᔾᔪᑎᒋᓪᓗᒍ ᐱᓇᓱᐊᕈᑎᒋᓯᒪᔭᖕᒐᑦ ᑎᒃᑲᒥᓐᑯ ᑎᒥᖕᒐᑕ (ᓚᐃᓴᓖᑦ) ᓄᑖᕈᖅᑎᑕᐅᕐᑯᓪᓗᒍ ᐃᒪᕐᒧᑦ ᓚᐃᓴᖕᒐᑦ N4L2-0262. ᐱᓇᓱᐊᕈᑎᖕᒐᑦ ᓄᑖᕈᖅᑎᑦᑎᒋᐊᕈᖅᑎᑦᑎᕐᑯᔨᔾᔪᑎᐅᒻᒪᑦ ᐋᔭᖅᑕᐅᓂᖕᒐᓄᑦ ᐋᖅᑭᓱᖅᑕᐅᑦᑎᐊᕆᐊᖃᕐᓂᖕᒐᓄᓪᓗ ᐳᓕᐅᕆᔅ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ.

ᖃᓄᐃᓕᐅᖃᑦᑕᖅᓯᒪᓂᕆᔭᖕᒋᑦ

ᐃᒪᕐᒧᑦ ᓚᐃᓴ N4L2-0262 ᑐᓂᔭᐅᓚᐅᖅᓯᒪᔪᖅ ᑎᒃᑲᒥᓐᑯ ᑎᒥᖕᒐᓐᓄᑦ (ᑕᐃᔭᐅᖃᑦᑕᓚᐅᖅᓯᒪᔪᖅ ᑲᒥᓐᑯ ᑎᒥᖕᒐᑦ) ᔫᓄᐊᕆ 1, 1994-ᒥ, ᐃᖅᑲᓇᐃᔭᕐᕕᒻᒥ ᐃᒥᕐᒥᒃ ᐊᑐᖃᑦᑕᓂᐊᖅᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᐊᑦᑕᖅᑎᕆᖃᑦᑕᓂᐊᖅᑎᓪᓗᒋᑦ ᐃᒥᕐᒥᒃ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒧᑦ ᐊᒻᒪᓗ ᓴᓇᕕᒻᒧᑦ ᐳᓕᐅᕆᔅ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒥ, zinc-lead ᐅᔭᕋᓐᓂᐊᕐᕕᒃ little Cornwallis Island-ᒥ, ᓄᓇᕗᒥ. ᐱᖓᔪᒋᓪᓗᓂᐅᒃ ᐃᒪᕐᒧᑦ ᓚᐃᓴᒋᔪᔭᖓᑦ ᐱᓕᕆᕕᐅᑉ ᑕᐃᒪᓐᖓᑦ ᐊᐅᓚᓂᖃᕆᐊᓯᓚᐅᖅᓯᒪᒻᒪᑦ 1981-ᒥ.

ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ ᓴᓇᕕᐅᓪᓗ ᐊᐅᓚᓂᖓ ᐳᓕᐅᕆᔅ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒥ ᒫᓐᓇ ᓄᖅᑲᖓᓕᖅᑐᑦ, ᐊᒻᒪᓗ ᓚᐃᓴᓖᑦ ᒫᓐᓇ ᕿᒪᐃᓐᓇᐃᕝᓕᐊᓕᖅᑐᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᓚᐅᖅᑎᓐᓇᒍᓗ ᑕᐃᒪᐃᓕᖓᓚᐅᖅᓯᒪᒻᒪᑦ ᑕᐃᒫᒃ ᐅᑎᖅᑎᑕᐅᓇᓱᐊᓕᖅᑐᓂ. ᑕᒪᒃᑯᐊ ᐱᓕᕆᓂᐅᔪᑦ ᓇᓗᓇᐃᔭᖅᓯᒪᔪᑦ ᐳᓕᐅᕆᔅ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ ᐋᔭᖅᑕᐅᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑕᐅᕝᕙᓪᓕᐊᓂᐊᕐᓂᖓᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᒥ, ᑐᓂᔭᐅᔪᓪᓗᓂ ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᓄᑦ ᒫᑦᓯ 2001-ᒥ. ᐊᐱᖅᓱᓚᐅᖅᑐᑎᒃ ᐃᓱᒪᒃᑐᑕᐅᔪᓂᒃ ᐊᔾᔨᒌᓐᖏᑦᑐᓄᑦ ᑎᒍᒥᐊᖅᑎᐅᖃᑕᐅᔪᓄᑦ ᐊᒻᒪᓗ ᕿᒥᕐᕈᑦᑎᐊᓚᐅᖅᑐᑎᒃ, ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᑦ ᐃᓚᖓᓂᒃ ᐊᖏᕈᑎᖃᖅᓯᒪᔪᑦ ᐋᔭᖅᑕᐅᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑕᐅᕝᕙᓪᓕᐊᓂᐊᕐᓂᖓᓄᑦ ᐸᕐᓇᐅᒻᒥᒃ ᐊᐃᐳᕈᓪ 15, 2002-ᒥ. ᐃᓚᖏᑦ ᐸᕐᓇᐅᒻᒥ ᐊᖏᖅᑕᐅᓯᒪᓐᖏᑦᑐᑦ ᐅᑯᓂᖓ ᐱᖃᓯᐅᔾᔨᓯᒪᔪᑦ Garrow Lake ᐊᒻᒪᓗ Garrow Lake Dam-ᒥᒃ, Frustration Lake jetty-ᒥᒃ, ᐊᒻᒪᓗᑦᑕᐅᖅ ᑐᓚᑦᑕᕐᕕᒻᒥᒃ ᐊᒻᒪᓗ ᖃᓂᒋᔭᖏᓐᓃᑦᑐᓂᒃ ᖃᐃᓐᖑᓂᒃ; ᑕᒪᒃᑯᐊᓗ ᐃᖃᓗᓕᕆᓂᕐᒧᑦ ᐊᖏᖅᑕᐅᔭᕆᐊᓕᓕᒫᑦ ᑕᒪᓐᓇ ᐱᓕᕆᐊᖑᓯᒋᐊᓚᐅᓐᖏᓐᓂᖓᓂ.

ᐃᒪᕐᒧᑦ ᓚᐃᓴ N4L2-0262 ᓄᖑᕐᕕᔅᓴᓕᒃ ᑏᓯᐱᕆ 31, 2002-ᒥ, ᓚᐃᓴᓖᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴᒧᑦ ᓄᑖᓐᖑᕆᐊᖅᑎᑦᑎᒍᒻᒥᒃ ᐱᓇᓱᐊᕈᑎᖃᓚᐅᖅᓯᒪᔪᑦ ᐊᑦᑑᕐᕙ 4, 2002-ᒥ ᐱᓇᓱᐊᕈᑎᖓᑦ ᑐᓂᔭᐅᔪᔪᖅ ᓄᓇᕗᒥ ᐸᕐᓇᐃᔨᓄᑦ, ᐊᒻᒪᓗ ᓄᓇᕗᒥ ᐊᕙᑎᓕᕆᔨᒃᑯᓐᓄᑦ. ᓄᓇᕗᒥ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᑐᓂᓯᔪᔪᑦ ᖃᐅᔨᓴᕈᑎᒥᓂᖓᓐᓂᒃ ᑏᓯᐱᕆ 5, 2002-ᒥ, ᐅᖃᖅᑐᑎᒃ ᐱᓇᓱᐊᕈᑎᖓᑕ ᐱᓕᕆᐊᖑᓂᖓ ᑲᔪᓯᑐᐃᓐᓇᕆᐊᖃᕐᓂᖓᓂᒃ ᕿᒥᕐᕈᔭᐅᓚᐅᕋᓂ ᒪᓕᒃᑐᒍ 5 ᐅᕝᕙᓘᓐᓃᑦ 6 ᐃᓛᒃᑰᖓ 12 ᓄᓇᕗᒥ ᓄᓇᑖᕐᓂᕐᒧᑦ ᐊᖏᕈᑎᓃᑦᑐᖅ. ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᑦ ᐅᖓᕙᕆᐊᖅᑎᑦᑎᓚᐅᖅᓯᒪᒻᒪᑦ ᓚᐃᓴᖓᓐᓂᒃ N4L2-0262 ᐅᓪᓗᓄᑦ 60-ᑲᓐᓂᕐᓄᑦ ᓚᐃᓴᑖᖅᑎᑕᐅᒐᔭᕐᓂᖓᑦ ᐱᓕᕆᐊᖑᔪᓐᓇᖅᓯᕐᑯᓪᓗᒍ ᓚᐃᓴᓖᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴᖃᖏᓐᓂᐊᓐᖏᒻᒪᑕ ᐱᓕᕆᐊᖑᓂᖓᓂ. ᓯᕗᓂᐊᒍᑦ ᑐᓴᖅᑕᐅᑎᑦᑎᓚᐅᓐᖏᓐᓂᖏᓐᓂ ᑲᑎᒪᑎᑦᑎᓪᓗᑎᒃ ᔫᓄᐊᕆ 9, 2003-ᒥ, ᑕᐃᑲᓂᓗ ᐃᓗᓕᖏᑦ ᐃᓄᓐᓄᑦ ᑐᓴᖅᑕᐅᔭᕆᐊᓖᑦ ᓇᓗᓇᐃᖅᑕᐅᔪᓪᓗᑎᒃ.

ᐊᑐᓂᑦ ᐃᓗᓕᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᔪᔪᑦ ᑐᓴᖅᑎᑦᑎᓚᐅᓐᖏᓐᓂᖏᓐᓂ, ᐱᓕᕆᐊᖑᓂᐊᖅᑐᖅ ᐱᔾᔪᑎᖃᓗᐊᕐᓂᐊᖅᑐᖅ ᒪᑯᓂᖓ:

1) ᒪᓕᒋᐊᓖᑦ ᐃᒥᕐᒥᒃ ᐊᑐᕈᒪᓂᕐᒧᑦ,
2) ᒪᓕᒋᐊᓖᑦ ᐃᒥᕐᒥᒃ ᐊᑦᑕᖅᓯᖃᑦᑕᓂᕐᒧᑦ,
3) ᒪᓕᒋᐊᓖᑦ ᐋᔭᖅᑕᐅᓂᖓᓄᑦ ᐊᒻᒪᓗ ᓄᖅᑲᖅᑎᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᐊᖑᔪᑦ (ᑲᒪᓗᐊᕐᓗᑎᒃ ᐃᓗᓕᖏᓐᓂᒃ ᓈᒻᒪᒋᔭᐅᓯᒪᓐᖏᑦᑐᓂᒃ ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᓂᒃ),
4) ᒪᓕᒋᐊᓖᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓄᑦ ᐅᐊᑦᑎᔭᐅᓂᖓᓄᓪᓗ ᐱᓕᕆᐊᑉ,
5) ᒪᓕᒋᐊᓖᑦ ᐱᔾᔪᑎᓖᑦ ᑮᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᓱᓕᕗᖓᕈᑕᐅᓯᒪᔪᑦ ᓚᐃᓴᓕᒻᒧᑦ, ᐊᒻᒪᓗ
6) ᐅᖃᐅᓯᕆᓗᒍ ᓚᐃᓴᖓ ᖃᓄᑎᒋ ᐊᑐᕐᓂᖃᕐᓂᐊᕐᒪᖔᖅ.

1. ᒪᓕᒋᐊᓖᑦ ᐃᒥᕐᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ

>ᓕᐅᕆᔅ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ ᒫᓐᓇ ᐃᒥᕐᒥᒃ ᐱᕙᒻᒪᑦ Frustration Lake-ᒥᑦ, 5 ᑭᓛᒥᑐᓂᒃ ᐅᖓᓯᓐᓂᖅᖅᑐᓂ ᐅᐊᓐᓇᖓᓃᑦᑐᓂ ᐊᒻᒪᓗ ᑲᓇᓐᓇᐸᓗᐊᓃᑦᑐᓂ ᒥᑦᑕᕐᕕᐅᑉ ᐊᒻᒪᓗ ᐃᓪᓗᒋᔭᐅᕙᑦᑐᑦ. ᐃᒻᒥᓱᕐᕕᖓ ᐃᒪᐃᓕᖓᒻᒪᑦ 88 ᒦᑕᓂᒃ ᐊᖏᓂᓕᒃ ᑕᑭᔪᕈᓗᒃ jetty, ᐃᒥᕐᑕᕐᕕᒃ, ᐊᒻᒪᓗ 200 ᒥᓕᒦᑕᓂᒃ ᑕᑭᓂᓕᒃ ᓱᓪᓗᓕᒃ ᐃᒥᕐᑕᕐᕕᒻᒥᒃ ᐃᒥᖅᐅᑎᒧᖓᑎᑦᑎᓪᓗᓂ ᒥᑦᑕᕐᕕᐅᑉ ᓴᓂᐊᓂ. ᑖᒃᑯᐊ ᐃᓪᓗᐃᑦ ᐊᒻᒪᓗ ᓱᓪᓗᓖᑦ ᐲᔭᖅᑕᐅᓛᖅᑐᑦ ᒪᓕᓪᓗᒋᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐃᓚᖏᑦ ᒪᑐᓯᓂᕐᒧᑦ ᐅᑎᖅᑎᑦᑎᕙᓪᓕᐊᓂᕐᒧᓪᓗ ᐸᕐᓇᐅᑦ. ᐅᖅᐅᓯᔅᓴᐃᑦ ᑐᔅᓯᕋᐅᑕᐅᓯᒪᔪᒧᑦ ᐲᔭᖅᑕᐅᔪᒪᓂᖓᓄᑦ jetty-ᐅᑉ ᐊᑖᓂ ᑎᑎᕋᖅᓯᒪᓂᐊᖅᑐᖅ.

ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒥ ᓴᓇᕕᒻᒥᓗ ᐱᓕᕆᐊᖑᔪᑦ ᐲᔭᖅᑕᐅᑉᐸᑕ, ᐃᒥᕐᒥᒃ ᐊᑐᖅᑕᕐᓂᐅᔪᖅ ᐃᓗᓐᓇᖏᓐᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᓪᓗ ᐱᓕᕆᐊᖑᔪᓄᑦ ᓂᕆᐅᑦᑐᑦ ᐊᑐᖅᑕᕐᓂᐊᕆᖏᑕ 250,000 m3 2003-ᒥ, ᐊᒻᒪᓗ 200,000 m3 2004-ᒥ. 2004 ᐊᓂᒍᖅᓯᒪᓕᖅᑲᑦ, ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓ ᐱᐅᓯᕆᕙᓚᐅᖅᑕᖓᓄᑦ ᐱᔭᕇᖅᑕᐅᓯᒪᒐᔭᖅᑐᒋᔭᐅᔪᖅ ᐊᒻᒪᓗ ᐃᒥᕐᒥᒃ ᐊᑐᕆᐊᑐᒐᔭᕈᓐᓃᖅᑐᑎᒃ.

ᐃᓄᓕᕆᔨᑐᖃᒃᑯᑦ ᐅᖃᖅᓯᒪᔪᑦ ᒪᓕᒐᖏᑦ ᐃᓚᓕᐅᔾᔭᐅᕐᑯᓪᓗᒋᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴᖓᓐᓂᒃ ᓇᓗᓇᐃᖅᓯᒪᑦᑎᐊᕐᓂᐊᕐᖓᑦ ᐃᒪᖃᕐᕕᐅᕙᑦᑐᖅ ᐊᒻᒪᓗ ᐊᖏᓂᕆᔭᕆᐊᓕᖏᑕ ᑭᓪᓕᖏᓐᓂᒃ ᑕᒪᐃᓐᓄᓕᒫᖅ ᐊᑐᖅᑕᐅᔾᔪᑎᒋᔭᕆᐊᓕᖏᓐᓄᑦ. ᑕᐃᒪᐃᑎᓪᓗᒍᓕ ᐃᒥᖅᑕᕐᕕᐅᖃᑦᑕᓂᐊᖅᖓᑦ Frustration Lake, ᐊᒻᒪᓗ ᐊᕐᕌᒍᑕᒫᑦ ᐊᖏᓂᕆᖃᑦᑕᓂᐊᖅᑕᖓ ᐅᖓᑖᓄᕆᐊᖃᔾᔭᖏᑦᑐᖅ 250,000 m3/ᐊᕐᕌᒍᑕᒫᑦ. ᓱᓕᓗ, ᖃᐅᔨᓴᕐᕕᒃ ᐃᓂᖃᕆᐊᖃᕋᔭᖅᑐᖅ ᐃᒥᖅᑕᕐᕕᐅᕙᑦᑐᒥ ᖃᐅᔨᓴᑦᑎᐊᖃᑦᑕᓂᐊᕐᖓᑕ ᐊᖏᓂᖓᓂᒃ ᐃᒥᐅᑉ ᐊᑐᖅᑕᐅᔫᑉ.

2. ᒪᓕᒋᐊᓖᑦ ᐃᒥᕐᒥᒃ ᐊᑦᑕᖅᓯᓂᕐᒧᑦ

ᐅᐊᑦᑕᑯᖃᕐᕕᒃ ᐊᒻᒪᓗ ᐃᓱᖅᑐᖅ ᐃᒥᖅ ᓄᐊᑕᐅᕙᑦᑐᑦ ᓱᓪᓗᓕᒃᑯᑦ ᐅᐊᑦᑕᑯᖃᕐᕕᒻᒧᖅᐸᑦᑐᑎᒃ ᖃᓂᒋᔭᓃᑦᑐᓂ ᐱᓕᕆᕕᐅᕙᑦᑑᑉ. ᐅᐊᑦᑕᑯ ᓯᖃᓕᔭᐅᕙᑦᑐᑦ ᓯᖃᓖᔭᔪᑎᓄᑦ, ᐃᒋᑕᐅᕙᑦᑐᑎᓪᓗ ᐃᒪᐅᑉ ᐊᑖᓃᑦᑐᒧᑦ ᐃᒋᑦᑎᕕᒻᒧᑦ. ᑖᒃᑯᐊ ᐱᓕᕆᔭᔪᑏᑦ ᐲᔭᖅᑕᐅᓛᖅᑐᑦ ᐊᒻᒪᓗ ᐃᒋᑕᐅᓗᑎᒃ ᒪᓕᓪᓗᒋᑦ ᐊᑐᓂᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐲᔭᖅᑕᐅᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᑦ ᐸᕐᓇᐅᑎᒦᑦᑐᑦ.

ᐳᓕᐅᕆᔅ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ ᐊᒥᓱᓂᒃ ᐊᔾᔨᕕᖃᔪᔪᑦ. 2000-ᖑᑎᓪᓗᒍ, ᓴᓇᔭᔾᓴᒥᓂᕐᓂᒃ ᐊᔾᔨᕕᒃ ᓄᑕᐅᓚᐅᖅᓯᒪᔪᖅ ᐊᒻᒪᓗ ᑲᑎᑕᐅᓯᒪᓪᓗᓂ ᐊᐅᓚᓂᐅᔪᑦ ᐊᔾᔨᕕᖓᓐᓄᑦ. ᐊᐅᓚᓂᐅᔪᓄᑦ ᐊᔾᔨᕕᒃ ᐃᓗᓕᓕᒃ ᓴᓇᔭᔾᓴᒥᓂᕐᓂᒃ ᑭᓱᑐᐃᓐᓇᕐᓂᒃ, ᕿᔪᒥᓂᕐᓂᒃ ᐊᑐᕐᓂᐊᖏᑦᑐᓂᒃ, ᖃᑦᑕᐅᔭᓂᒃ ᐃᓗᓕᖃᖏᑦᑐᓂᒃ, ᐊᒻᒪᓗ ᓄᓇᓕᐅᔪᑦ ᐊᑦᑕᓲᖏᓐᓂᒃ ᓲᕐᓗ ᓂᕿᒥᓃᑦ. ᐋᖅᑮᔪᖃᓚᐅᖅᓯᒪᔪᖅ 1999-ᒥ ᓇᓗᓇᐃᒃᑯᑕᐅᓚᐅᖅᓯᒪᔪᑦ ᐊᔾᔨᕕᒃ ᕐᑯᐊᖑᐃᓐᓇᓂᐊᕐᖓᑦ ᐅᖅᑰᒐᓗᐊᖅᑎᓪᓗᒍ ᐊᐅᔭᒃᑯᑦ. ᐊᔾᔨᕕᒃ ᓴᐅᓯᒪᔭᕆᐊᓕᒃ ᐊᒻᒪᓗ ᑭᓪᓕᓕᐅᖅᓯᒪᓗᓂ ᒪᓕᓪᓗᒋᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐊᑐᓂᑦ ᐲᔭᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᓪᓗ ᐸᕐᓇᐅᑎᓃᑦᑐᑦ.

ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᐊᓕᓚᐅᖅᓯᒪᔪᖅ ᐊᔾᔨᕕᒃ ᐱᒋᐊᖅᑎᑕᐅᓚᐅᖅᓯᒪᓪᓗᓂ 1997-ᒥ ᐃᓯᖅᓴᓕᐊᖑᓯᒪᔪᒥ. ᑖᓐᓇ ᐊᔾᔨᕕᒃ ᐊᑐᖅᑕᐅᖃᑦᑕᓚᐅᖅᓯᒪᔪᖅ ᐱᑐᖃᕐᓄᑦ ᓱᓇᒃᑯᑖᒥᓂᕐᓄᑦ ᐅᕐᑯᒪᐃᑦᑐᓄᑦ ᐊᒻᒪᓗ ᐊᓯᖏᓐᓄᑦ ᑭᓱᑐᐃᓐᓇᕐᒥᓂᕐᓄᑦ ᓲᕐᓗ ᐊᔾᔨᓗᐊᒥᓃᑦ, ᓴᕕᕋᔭᐃᑦ, ᓄᓇᒃᑰᕈᑎᒥᓃᑦ, ᐊᒻᒪᓗ ᖃᓄᐃᑦᑐᑐᐃᓐᓇᐃᑦ ᓴᕕᕋᔭᐃᑦ ᕿᔪᐃᓪᓗ. ᑖᓐᓇ ᐊᔾᔨᕕᒃ ᓴᐅᔭᐅᔭᕆᐊᖃᕐᖓᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕈᑕᐅᓗᓂ ᐊᔾᔨᓐᖑᐊᖃᕐᓗᓂ ᑎᑎᕋᖅᓯᒪᔭᕆᐊᖃᕐᓂᐊᖅᑐᖅ ᒪᓕᓪᓗᒋᑦ ᐊᑐᓂᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐲᔭᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᖓᓄᓪᓗ ᐸᕐᓇᐅᑎᓃᑦᑐᓂᒃ.

Littel Red Dog ᐅᔭᕋᓐᓂᐊᕐᕕᒃ ᐊᑐᖅᑕᐅᓂᐊᕐᒥᔪᖅ ᐊᑦᑕᕐᕕᐅᓂᐊᕐᓗᓂ ᑭᓱᑐᐃᓐᓇᕐᓄᑦ ᐲᔭᖅᑕᐅᔪᓄᑦ ᐃᓪᓗᓄᑦ ᐊᒻᒪᓗ ᕐᑯᐊᖅᑕᖅᑐᒥᓂᕐᓄᑦ. ᐊᖏᔫᑏᑦ ᐊᒡᒍᖅᑕᐅᓗᑎᒃ ᒥᑭᔫᑕᐅᓕᖅᑎᓪᓗᒋᑦ ᐱᔭᐅᒐᔭᖅᑐᑦ ᐃᒋᑕᐅᔪᑦ ᐊᖏᓗᐊᕐᓂᐊᖏᒻᒪᑕ. ᑖᓐᓇ ᐊᔾᔨᕕᒃ ᑲᑎᑕᐅᓂᐊᖅᑐᖅ, ᓴᐅᔭᐅᓗᓂ, ᐊᒻᒪᓗ ᑭᓪᓕᓕᐅᖅᑕᐅᓗᓂ ᒪᓕᓪᓗᒋᑦ ᐊᑐᓂᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐲᔭᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓪᓗ ᐸᕐᓇᐅᑎᓃᑦᑐᑦ.

ᐊᑦᑕᓇᖅᑐᓕᒫᑦ ᐃᓗᖅᑕᐅᔭᕆᐊᓖᑦ ᑕᐃᑲᓐᖓᑦ, ᒪᓕᒃᓗᒋᑦ ᐊᑐᓂᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐃᓚᖏᑦ ᐃᓗᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᓪᓗ ᐸᕐᓇᐅᑎᒦᑦᑐᑦ. ᐊᒻᒪᓗᑦᑕᐅᖅ, ᐅᖅᓱᐊᓗᐃᑦ ᐃᒋᑕᐅᓯᒪᔪᑦ ᐃᑭᑕᐅᔭᕆᐊᓖᑦ ᐊᒥᐊᒃᑯᑕᖅᕐᓂᐊᖏᒻᒪᑦ ᑕᐃᑲᓂ, ᒪᓕᒃᓗᒋᑦ ᐊᑐᓂᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐃᓚᖏᑦ ᐃᓗᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᓪᓗ ᐸᕐᓇᐅᑎᒦᑦᑐᑦ.

ᐃᓄᓕᓇᕆᑐᖅᑲᑯᑦ ᐅᖅᖅᓯᒪᔪᑦ ᐃᓚᖏᑦ ᐃᓚᓕᐅᔭᔭᐅᕐᑯᓪᓗᒋᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴᖓᓐᓄᑦ ᖃᐅᔨᒪᔾᔪᑕᐅᓂᐊᕐᖓᑦ ᐊᑦᑕᖅᑕᐅᓯᒪᔪᑦ ᓴᓇᕆᓄᑦ ᑕᐃᑲᓃᑉᐸᑦᑐᒥᓂᕐᓄᑦ ᓴᐅᔭᐅᓯᒪᔭᓇᐊᖃᕐᓂᕐᖓᑕ ᒪᑐᔭᐅᓯᒪᓗᑎᓪᓗ ᐃᑭᑕᐅᔭᓇᐊᖃᕐᖓᑕ, ᑕᐃᒪᐃᒍᓐᓇᖅᑲᑦ, ᐊᒻᒪᓗ ᐊᒥᐊᒃᑯᐃᑦ ᐃᑭᑦᓴᐃᑦ ᐃᖅᑕᐅᕐᑯᓗᒋᑦ ᑕᐃᑲᓐᖓᑦ ᐃᒋᑕᐅᒐᔭᕐᓗᑎᒃ ᐊᖏᖅᑕᐅᓯᒪᔪᒧᑦ ᐊᔾᔨᒌᒻᒧᑦ. ᐊᒻᒪᓗᑦᑕᐅᖅ, ᐅᐊᑦᑕᑯᐃᑦ ᐊᑦᑕᖅᑕᐅᓯᒪᔪᑦ ᓴᓇᕆᓄᑦ ᐅᐊᑦᑕᑯᖃᐅᑏᑦ ᐃᓗᖅᑕᐅᓯᒪᓕᖅᑎᓪᓗᒋᑦ ᑐᖅᑯᖅᑕᐅᓯᒪᑲᐃᓐᓇᓇᐊᖃᕐᔭᖅᑐᑦ ᐊᒻᒪᓗ ᐃᒋᑕᐅᓗᑎᒃ ᐊᖏᖅᑕᐅᓯᒪᓂᖓ ᒪᓕᒃᓗᒍ, ᐅᕝᕙᓘᓐᓃᑦ ᐃᖅᑕᐅᓗᑎᒃ ᑕᐃᑲᓐᖓᑦ ᐅᐊᑦᑕᑯᖃᕐᕕᓪᓕᓇᒻᒧᖅᑕᐅᓗᑎᒃ.

3. ᒪᓕᒋᐊᓖᑦ ᐃᓗᖅᑕᐅᓂᖓᓄᑦ ᐊᒻᒪᓗ ᓄᖅᑲᖅᑎᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᓇᓂᐅᔪᑦ

ᐃᓄᓕᓇᕆᑐᖅᑲᑯᑦ ᐅᖅᖅᓯᒪᔪᑦ ᐃᓚᖏᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴᒥᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᒻᒪᑕ ᓚᐃᓴᓕᒍᖅ ᒪᓕᒋᐊᖃᕐᖓᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᓂᒃ ᐃᓗᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᓪᓗ ᐸᕐᓇᐅᑎᒦᑦᑐᓂᒃ ᐊᒻᒪᓗ ᓄᖅᑲᖅᑎᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᓇᓂᐅᔪᑦ. ᐱᔾᔪᑎᒋᓪᓗᖑ ᐃᓗᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᓪᓗ ᐸᕐᓇᐅᑦ ᐃᓚᐃᓐᓇᖏᑦ ᐊᖏᖅᑕᐅᓯᒪᓂᖏᓐᓄᑦ, ᐃᓄᓕᓇᕆᑐᖅᑲᑯᑦ ᐱᖃᑕᐅᓂᖓᑦ ᐃᓚᖃᕐᖓᑦ ᐅᖅᐅᓯᔅᓴᖃᕐᕕᖃᕐᓗᑎᒃ ᐃᓚᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓄᑦ ᑖᒃᑯᐊᓗ ᐊᖏᖅᑕᐅᔭᓇᐊᖃᕐᔭᓇᓪᓗᑎᒃ. ᐅᖅᐅᓯᔅᓴᕗᑦ ᐱᔾᔪᑎᓖᑦ Garrow Lake-ᒥᑦ ᐊᒻᒪᓗ dam-ᒥᑦ, Frustration Lake jetty, ᐊᒻᒪᓗ ᑐᓚᑦᑕᕐᕕᒻᒥᒃ ᐊᒻᒪᓗ ᖃᐃᓐᖑᖓᓂᒃ. ᖃᓄᐃᓕᐅᖃᑦᑕᖅᓯᒪᓂᖏᓐᓂᒃ ᑖᒃᑯᓇᓂ ᓇᐃᓈᖅᓯᒪᓪᓗᒋᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ ᐊᑐᓂᑦ ᑖᒃᑯᓄᖓ, ᐱᖃᓯᐅᑎᓪᓗᑎᒃ ᐃᓄᓕᓇᕆᑐᖅᑲᑯᑦ ᐊᑐᓕᕐᑯᔾᔪᑎᒋᓯᒪᔭᖏᑦ.

3.1 ᒋᐅᕈ ᑕᓯᖅ (Garrow Lake) and ᒋᐅᕈ ᑕᓯᐅᑉ ᓯᒥᑦᑕᐅᓯᒪᓂᖓ (Garrow Lake Dam)

ᐊᒥᐊᒃᑯᒥᓃᑦ ᐃᒋᑕᐅᓯᒪᔪᑦ ᒋᐅᕈ ᑕᓯᕐᒧᑦ ᑕᐃᒪᓐᖓᑦ ᓯᖃᓖᖃᑦᑕᓕᔪᒻᒪᑕᓂᒃ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒥ. ᒋᐅᕈ ᑕᓯᖅ meromictic ᑕᓯᐅᒻᒪᑦ, ᐃᒪᒃ ᑐᑭᖅᑐᓂ ᐃᒥᖅ ᐊᔾᔨᒌᓐᖏᑦᑐᑦ ᖃᓕᓈᓕᖅᑎᓯᒪᔪᑦ ᐊᔾᔨᒌᓐᖏᓐᓂᖅᑐᑎᒃ ᐊᑐᓂᑦ. ᖁᓪᓕᖅᐹᖓᓃᑦᑐᖅ ᐃᓗᓕᓕᒃ ᑕᓇᐅᓕᒻᒥᒃ ᐃᒥᕐᒥᒃ ᓈᒻᒪᑦᑐᒥᒃ ᑭᓯᐊᓂ ᐃᒪᖃᕈᓐᓇᖅᑐᓂ. ᐊᓪᓕᖅᐹᖓᓃᑦᑐᖅ ᑕᓇᐅᓕᖅᐹᓗᒃ, anoxic (ᐆᒪᓂᓕᑦᑕᖃᕐᓇᓂ) ᐊᒻᒪᓗ ᐃᒪᕐᒥᐅᑕᓂᒃ ᐆᒪᓂᓕᑦᑕᖃᕋᓂ. ᖃᐊᑯᓐᓂᖏᓐᓂ ᐊᒥᑦᑐᕈᓗᒻᒥᒃ ᐊᔾᔨᒌᓐᖏᕈᔭᖅᑐᒥᒃ ᐱᑕᖃᖅᑐᓂ; ᑕᕝᕙᓂ ᐊᓯᔾᔨᐸᓪᓕᐊᕙᑦᑐᖅ ᑕᓇᐅᖑᓂᖅᓴᐅᓕᖅᐸᓪᓕᐊᕙᑦᑐᓂ ᐊᒻᒪᓗ ᐆᒪᓂᓕᑦᑕᖃᕐᕕᖃᓐᖏᓂᖅᓴᐅᓕᖅᐸᑦᑐᓂ ᑕᕝᕙᖓᖅᐸᑦᑐᑎᒃ ᖁᓛᓂ ᐊᑖᓂᓗ.

ᐊᒥᐊᒃᑯᒥᓃᑦ ᐃᒋᑕᐅᓯᒪᔪᑦ ᐊᓪᓕᖅᐹᖓᓐᓄᑦ ᒋᐅᕈ ᑕᓯᕐᒧᑦ, ᐆᒪᓂᓕᑦᑕᖃᕐᓇᖏᑦᑐᑦ ᑕᕝᕗᓈᖅᑎᑦᑎᔪᓐᓇᕋᓂ ᐆᑕᕐᓇᖅᑐᓂᒃ ᐅᔭᕋᕐᓂᒃ ᐊᒻᒪᓗ ᓴᕕᕋᔭᕐᓂᒃ ᐊᑯᓐᓂᖓᒍᖅᑐᖃᕈᓐᓇᕋᓂ. ᑕᐃᒪᐃᒻᒪᑦ ᐊᒥᐊᒃᑯᒥᓃᑦ ᓱᕐᕋᓐᓂᐅᓴᕙᓐᖏᑦᑐᑦ ᐊᒻᒪᓗ ᐊᑦᑕᕐᓇᕋᑎᒃ ᐊᕙᑎᑦᑎᓐᓄᑦ.

1989-ᖑᑎᓪᓗᒍ, ᓱᕋᒻᒪᑕ ᓱᓪᓗᓖᑦ zinc-ᑖᓚᐅᖅᓯᒪᔪᖅ ᖁᓪᓕᖅᐹᖅ. ᐊᕙᑎᑦᑎᓐᓄᐊᕐᑯᓇᒍ, ᓯᒥᓕᐅᖅᑕᐅᓚᐅᖅᓯᒪᔪᖅ ᑕᓯᐅᑉ ᕿᓪᓖᕐᓂᖓ. ᓱᓪᓗᓖᑦ ᓴᓇᔭᐅᒻᒪᑕ, Zn ᓱᒃᑲᐃᑦᑐᐊᓘᓗᓐᓂ ᓄᖑᑉᐸᓪᓕᐊᓯᒪᔪᖅ ᐊᕐᕌᒍᒐᓐᓂᒃ. ᓯᒥᖓ, ᑕᐃᒪᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍ, ᐃᒪᖓᓂᒃ ᒋᐅᕈ ᑕᓯᐅᑉ ᖁᕝᕙᓇᐊᖅᑎᑦᑎᓯᒪᔪᖅ 3 ᒦᑕᓂᒃ ᐃᒪᓇᒋᐊᓕᖓ ᐅᖓᑖᓄᑦ.

ᐅᑎᖅᑎᑦᑎᕙᓪᓕᐊᓂᕐᒧᑦ ᐸᕐᓇᐅᑦ ᒋᐅᕈ ᑕᓯᕐᒧᑦ ᑎᑎᕋᖅᑕᐅᕋᑖᔪᔪᖅ ᑐᓂᔭᐅᓯᒪᓕᖅᑐᖅ ᐃᓚᒋᓪᓗᓂᐅᒃ ᐳᓕᐅᓇᔅ ᐃᖃᓗᖃᕐᕕᐅᖓ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᓇᒐᔭᖅᑕᖓᑕ ᐸᕐᓇᐅᑦ ᑎᑎᕋᖅᑕᐅᓚᐅᖅᓯᒪᓪᓗᓂ ᒪᐃ 24, 2002-ᒥ. ᒪᑐᔭᐅᑎᓪᓗᒍ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ, ᑐᔾᓯᕋᐅᑎᓕᐊᖑᓯᒪᔪᖅ ᑎᒃᑯ ᑲᒥᓐᑯᑯᓐᓂᒃ ᐊᑦᑎᓯᒋᐊᕐᑯᓪᓗᒍ 3 ᒦᑕᓂᒃ ᐃᓚᒋᐊᕈᑕᐅᓯᒪᔪᖅ ᐃᒥᖅ ᑕᓯᖅ ᐅᑎᖅᑎᑕᐅᕐᑯᓪᓗᒍ ᓯᒥᑦᑕᐅᓚᐅᖅᑎᓐᓇᒍ ᑕᐃᒪᐃᐸᐸᓚᐅᖅᓯᒪᒻᒪᑦ ᐊᒻᒪᓗ ᐃᖅᑕᐅᓗᓂ ᓯᒥᖓ. ᐊᖏᖅᑕᐅᓚᐅᖅᓯᒪᔪᖅ ᐃᒥᖅ ᓱᓪᓗᓕᒃᑯᑦ ᐃᓗᖅᑕᐅᓚᔭᕐᓂᖓᓄᑦ ᓄᓇᕗᒥ ᐃᒪᓕᓇᓂᕐᒧᑦ ᑲᑎᒪᔨᓄᑦ ᐃᕗᐊᓇ 4, 2000-ᖑᑎᓪᓗᒍ.

ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᓇᓖᕐᕋᔅᓴᐃᑦ ᓯᒥᖓ ᐋᖅᑭᓯᒪᐃᓐᓇᕋᔭᕐᒪᖓᖅ ᐋᖓᓘᓐᓃᑦ, ᐋᖅᑮᓗᑎᒃ ᑯᕝᕕᐊᔅᓴᒥᒃ, ᐅᕝᕙᓘᓐᓃᑦ ᐃᖅᑕᐅᓗᓂ ᓯᒥᖓ, ᐃᓄᓕᓇᕆᑐᖅᑲᑯᑦ ᐊᖏᖅᓯᒪᔪᑦ ᓯᒥᖓ

ᓱᕐᕋᑕᐅᓂᐊᓐᖏᓪᓗᓂ ᑕᐃᒪᓐᖓᓕᒫᖅ ᑖᓐᓇ ᐱᐅᓐᖏᒻᒪᑦ ᓂᕈᐊᖅᑕᐅᑉᐸᑦ. ᐱᐅᓂᖅᐸᐅᒐᔭᖅᑐᕐᓕ ᐊᑯᓂᒃ- ᐊᑐᕐᓂᐊᕐᓗᓂ ᐲᖅᑕᐅᑎᐊᒻᒪᓇᑉᐸᑦ ᓯᒥᖓ ᐊᑐᕈᓐᓃᑦᑎᒐᔭᕐᖓᑦ ᐊᑯᓂᒃ-ᑲᒪᒋᔭᐅᔭᓇᐊᖃᕋᔭᕐᓂᓇᔭᖓᓂᒃ.

ᓚᐃᓴᓕᒃ ᑐᓂᓯᓯᒪᔪᖅ ᑐᓴᖅᑎᑦᑎᒍᑎᓂᒃ ᐊᒻᒪᓗ ᒪᓕᒐᕐᓂᒃ ᓇᓗᓇᐃᖅᓯᓯᒪᔪᓂᒃ ᐲᖅᑕᐅᕙᓪᓕᐊᓂᖓ ᒋᐅᕈ ᑕᓯᐅᑉ ᓴᖅᑮᔭᖏᒻᒪᑦ ᐊᑦᑕᓇᖅᑐᒥᒃ ᐊᒻᒪᓗ ᐃᓗᓕᖏᓐᓂᒃ ᑲᑎᕈᓘᔭᖅᑎᑎᔭᔫᒐᓂ, ᐊᒻᒪᓗ ᓴᖅᑮᔭᔫᓇᓂ ᐊᒥᐊᒃᑯᒥᓂᕐᓂᒃ ᐆᒪᓂᖃᕐᓇᖅᑐᒧᑦ ᐊᒻᒪᓗ ᓴᕕᕋᔭᐃᑦ ᕐᑯᓪᓕᖅᐹᖓᓄᔭᔫᒐᑎᒃ. ᐃᓄᓕᓇᕆᑐᖃᒃᑯᑦ ᐊᖏᖃᑎᖃᕐᓂᐊᖅᓯᒪᓂᕋᕐᓗᐊᖅᑎᓪᓗᒋᑦ ᒪᓕᒐᖏᓐᓂᒃ, ᓱᓕ ᐊᑲᐅᓐᖏᓗᑕᖅᑕᖃᐃᓐᓇᓇᐊᓕᒃ ᓂᓇᐅᒋᔭᐅᓐᖏᑦᑐᒥᒃ ᐊᒻᒪᓗ ᑲᑎᕈᓘᔭᑐᐃᓐᓇᓇᐊᖃᕐᓂᖏᓐᓂᒃ ᐃᓗᓕᖏᑕ. ᐃᓄᓕᓇᕆᑐᖃᒃᑯᑦ ᑕᐃᒪᐃᒻᒪᑦ ᐅᖃᖅᓯᒪᕗᑦ ᒋᐅᕈ ᑕᓯᖅ ᖃᐅᔨᓴᖅᑕᐅᑦᑎᐊᕐᑯᓪᓗᒍ ᐊᒥᓱᓂᒃ ᐊᕐᕌᒍᓂᒃ ᐲᖅᑕᐅᓚᐅᖅᑎᓪᓗᒍ ᒪᓕᒐᓕᐊᖑᓯᒪᔪᑦ ᐋᖅᑭᓯᒪᑦᑎᐊᕋᓗᐊᕐᒪᖔᑕ.

ᑕᒪᐃᓂᓕᒫᖅ, ᐃᓄᓕᓇᕆᑐᖃᒃᑯᑦ ᖃᓄᐃᓴᓴᖏᑦᑐᑦ ᑐᓴᓯᕋᐅᑕᐅᓯᒪᔪᒥᒃ ᐲᔭᖅᑕᐅᕙᓪᓕᐊᓂᖓᓄᑦ ᐸᕐᓇᐅᒥᒃ, ᓄᖅᑲᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᑦ, ᐊᒻᒪᓗ ᑐᐊᕕᕐᓇᖅᑐᖃᓕᕐᓂᖅᑲᑦ ᐸᕐᓇᐅᑎᓂᒃ ᑎᑎᕋᖅᓯᒪᔪᓂᒃ ᐳᓕᐅᓇᕐ ᐃᖃᓗᖃᕐᕕᐊᓄᑦ ᐅᑎᖅᑎᑦᑎᒍᑎᕐᓴᐃᑦ ᐸᕐᓇᐅᑏᑦ.

3.2 Frustration Lake Jetty

Frustration Lake ᐃᒪᖃᕐᕕᐅᒻᒪᑦ ᐳᓕᐅᓇᕐ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒧᑦ. Frustration Lake-ᒥᑦ 88 ᒦᑕ ᑕᑭᔪᖅ jetty ᐊᒻᒪᓗ ᐃᒥᕐᑕᕐᕕᒃ. jetty ᑐᐊᐸᖃᕐᖓᑦ ᐊᒻᒪᓗ ᓯᐅᕋᔫᖑᓂᖅᓴᓂᒃ ᐊᓯᖏᓐᓂᒃ. ᐋᖅᑮᓯᒪᒻᒥᔪᑦ jetty ᓄᖑᐸᐸᓪᓕᐊᓂᐊᓐᖏᒻᒪᑦ. jetty ᐊᐅᓚᓂᖃᖅᓯᒪᓕᖅᑐᖅ 22-ᓂᒃ ᐅᑭᐅᓂᒃ ᓄᖑᐸᐸᓪᓕᐊᓂᖃᓚᐅᖅᓯᒪᓇᓂ.

ᓇᓖᕌᕐᓴᐃᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᓇᒐᔭᖅᑕᖓᓄᑦ jetty-ᖃᕐᕕᐅᑉ Frustration Lake-ᒥ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᔪᑦ ᐊᑦᑑᕙ 15, 2002-ᒥ ᑎᑎᕋᖅᑕᒥᓂᐅᓪᓗᑎᒃ, ᒐᑦᓇ ᓖ ᑎᒥᖓᑦᑕ. ᓇᓖᕌᕐᓴᐃᑦ ᑐᓂᔭᐅᔪᔪᑦ ᐱᔭᔪᑎᖃᔪᔪᑦ ᐲᖅᑕᐅᒐᔭᕐᓗᓂ jetty, jetty ᓱᕐᕋᑕᐅᒐᔭᕋᓂ, ᐊᒻᒪᓗ ᐃᓚᖓ ᐲᖅᑕᐅᒐᔭᕐᓗᓂ jetty. ᑭᖑᓪᓕᖅᐹᖓᓐᓂ ᑎᑎᕋᖅᓯᒪᔪᔪᖅ ᐲᖅᑕᐅᑉᐸᑦ jetty ᑕᒪᓐᓇ ᐊᑦᑐᐃᑦᑕᐅᑎᒋᒐᔭᖅᖓᑦ ᐊᕙᑎᒥᒃ ᐲᖅᑕᐅᓕᖅᑲᑦ. ᐊᐃᑉᐹᒍᓪᓕ, jetty ᓱᕐᕋᑕᐅᓐᖏᑉᐸᑦ ᐱᐅᓂᖅᐸᐅᖓᔭᖅᑐᖅ ᐊᕙᑎᒧᑦ ᐊᑦᑐᐃᓂᖃᕋᔭᓐᖏᒻᒪᑦ ᐊᒻᒪᓗ ᐃᖃᓗᖃᖅᑎᑦᑎᒐᔭᖅᑐᓂ ᐊᑯᓂ. ᐃᓄᓕᓇᕆᑐᖃᒃᑯᑦ ᐊᖏᖃᑎᓖᑦ ᑕᒪᑐᒥᖓ.

ᐃᓄᓕᓇᕆᑐᖃᒃᑯᑦ ᑕᐃᒪᐃᒻᒪᑦ ᐅᖃᖅᓯᒪᔪᑦ ᐃᒥᕐᑕᕐᕕᒃ, ᓱᓪᓗᓕᖏᑦ ᐊᒻᒪᓗ ᐊᓯᖏᑦ ᐲᕋᓴᐃᑦ ᓱᓇᑐᐃᓐᓇᐃᑦ ᐲᖅᑕᐅᕐᑯᓪᓗᒋᑦ jetty-ᒥᒃ, ᑭᓯᐊᓂ Jetty ᓱᕐᕋᑕᐅᓂᐊᓐᖏᓪᓗᓂ.

3.3 ᑐᓚᑦᑕᕐᕕᒃ ᐊᒻᒪᓗ ᖃᓂᒋᔭᓃᑦᑐᑦ ᖃᐃᓐᖑᐃᑦ

ᑐᓴᓯᕋᐅᑎᓕᐊᖑᕋᑖᖅᓯᒪᔪᑦ ᐸᕐᓇᐅᑏᑦ ᑐᓚᑦᑕᕐᕕᒻᒧᑦ ᐊᒻᒪᓗ ᖃᓂᒋᔭᓃᑦᑐᓄᑦ ᖃᐃᓐᖑᓄᑦ ᐅᑎᖅᑎᑦᑎᓂᐅᒐᔭᖅᑐᖅ ᑎᑎᕋᖅᓯᒪᔪᑦ ᐳᓕᐅᓇᕐ ᐃᖃᓗᖃᕐᕕᒻᒥᒃ ᐅᑎᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᒻᒥ. ᓇᐃᓈᕐᓗᒍ, ᓚᐃᓴᓕᐅᑉ ᐸᕐᓇᐅᑎᖏᑦ ᐲᖅᑕᐅᒐᔭᕐᓂᖓᓄᑦ ᑐᓚᑦᑕᕐᕕᐅᑉ ᐊᒻᒪᓗ ᑭᓱᑐᐃᓐᓇᐃᑦ (ᖃᓕᓇᑦ) 3 ᒦᑕᓄᑦ ᐊᑖᓄᑦ ᐃᒪᐅᑉ ᐊᒻᒪᓗ ᒪᓂᖅᑲᓴᖅᑕᐅᑎᐊᕐᓗᓂ ᖃᐃᓐᖑ ᓄᖑᐸᐸᓪᓕᐊᕐᑯᓇᒍ ᓯᔭᔭᓱᕐᒧᑦ ᐊᒻᒪᓗ ᐃᒪᐅᑉ ᐊᐅᓚᓂᖓᓄᑦ.

ᐃᓄᓕᓇᕆᑐᖃᒃᑯᑦ ᖃᓄᐃᓴᓴᖏᑦᑐᑦ ᑐᓴᓯᕋᐅᑕᐅᓯᒪᔪᒥᒃ ᐲᔭᐃᓂᕐᒧᑦ ᐸᕐᓇᐅᒻᒥᑦ, ᐲᔭᐃᓐᓪᓕᐊᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᑐᖅᑕᐅᑐᐃᓐᓇᓇᐊᓕᓐᓄᑦ ᐳᓕᐅᓇᕐ ᐃᖃᓗᖃᕐᕕᐅᑉ ᐅᑎᖅᑎᑕᐅᓐᓪᓕᐊᓂᓇᒐᔭᖅᑕᖓᓄᑦ ᐸᕐᓇᐅᒻᒥ. ᑕᐃᒪᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍ, ᑕᒪᓐᓇ ᐱᔭᔪᑎᖃᕐᖓᑦ ᐃᒪᕐᒥᒃ, ᑕᒪᓐᓇ ᐅᑎᖅᑎᑦᑎᓐᓪᓕᐅᓂᐅᒐᔭᖅᑐᖅ ᓯᓚᑖᓃᒻᒪᑦ

ᐃᒥᑦᑎᐊᕝᒪᑦ ᓚᐃᓴᖓᑕ. ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᐅᖃᖅᓯᒪᔪᑦ ᐊᖏᖅᑕᐅᓂᖓ ᑐᓚᑦᑕᕐᕕᐅᑉ ᐲᖅᑕᐅᒐᔭᕐᓂᖓᓄᑦ ᐃᒪᕐᒥᐅᑕᓕᓇᕆᑐᑯᓐᓂᒃ ᐊᑐᕐᓗᑎᒃ ᐃᖃᓗᓕᓇᓂᕐᒧᑦ ᐱᔪᓐᓇᐅᑎᑎᒍᑦ ᐱᐅᒐᔭᓇᐊᖓ ᐊᖏᖅᑕᐅᑉᐸᑦ ᐲᔭᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑦᑎᑦᑎᕝᕙᓕᐊᓂᕐᒧᓪᓗ ᐸᕐᓇᐅᑦ.

4. ᒪᓕᒋᐊᓖᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓄᑦ ᐅᐊᑦᑎᔭᐅᓂᖓᓄᓪᓗ

ᓚᐃᓴᓕᒃ ᐃᓱᒪᓯᒪᔪᔪᖅ ᒪᑐᔭᐅᓯᓕᖅᑲᑦ ᖃᐅᔨᓴᖅᑕᐅᖃᑦᑕᕋᔭᕐᓂᖓᓄᑦ ᐸᕐᓇᐅᑎᖃᕐᓂᕐᒥᒃ ᐃᖅᑯᓪᓕᐅᑕᐅᓯᒪᓪᓗᓂ ᒪᕿᐃᓕᖅᑲᖓᒐᔭᕐᓗᓂ: ᓯᕗᓕᖅ (ᐅᑎᖅᑎᑕᐅᓚᐅᕐᓗᓂ) ᐊᒻᒪᓗ ᑭᖑᓪᓕᖅ (ᑭᖑᓂᐊᒍᑦ ᐅᑎᖅᑎᑕᐅᓚᐅᖅᑎᓪᓗᒍ ᐱᐅᓯᓇᕝᓚᐅᖅᓯᒪᔭᖓᓄᑦ).

ᐅᑎᖅᑦᑎᓂᖅ ᑐᑭᓕᒃ ᐱᐅᓯᓇᕝᓚᐅᖅᓯᒪᔭᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕝᓕᐊᓕᖅᑲᑦ ᐊᒻᒪᓗ ᐃᓱᒪᒋᔭᐅᓯᒪᓪᓗᓂ 2003-ᒥ ᐊᒻᒪᓗ 2004-ᒥ. ᐱᔾᔪᑎᒋᓪᓗᒍ ᓚᐃᓴᓕᒃ ᐊᖏᔪᖅᖄᖑᓂᐊᕐᒪᑦ ᑕᐃᑲᓂ, ᖃᐅᔨᓴᕐᓂᖅ ᐊᒻᒪᓗ ᑐᓴᖅᑦᑎᓂᖅ ᑲᔪᒦᓇᓂᐊᖅᑐᖅ, ᑕᐃᒪᐃᒋᐊᖃᕐᖓᑕ ᒪᓕᓪᓗᒍ ᐃᒪᕐᒧᑦ ᓚᐃᓴᖓᑦ.

ᑭᖑᓂᐊᒍᑦ ᐅᑎᖅᑎᑕᐅᓚᐅᖅᑎᓪᓗᒍ ᐱᐅᓯᓇᕝᓚᐅᖅᓯᒪᔭᖓᓄᑦ ᒪᓕᓪᓗᒍ ᐱᔭᕇᖅᑕᐅᓂᖓ ᐅᑎᖅᑦᑎᒐᓱᐊᕐᓂᐅᔪᖅ. ᑕᒪᓐᓇ ᖃᐅᔨᓴᕐᓂᐅᒐᔭᖅᑐᖅ ᐱᒋᐊᕋᔭᖅᑐᖅ 2005-ᒥ 2011-ᒧᑦ. ᐊᖏᔪᖅᖄᖅᑕᖃᐃᓐᓇᓂᐊᕐᓂᖓᓂᒃ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒥ ᐸᕐᓇᐅᑕᐅᓯᒪᓐᖏᓐᓂᖓᓄᑦ ᒪᑐᔭᐅᑎᓪᓗᒍ, ᖃᐅᔨᓴᕐᓂᖃᖃᑦᑕᓂᐊᖅᑐᑦ ᐳᓚᕋᓕᕋᐃᑉᐸᑕ.

ᑕᒪᐃᓐᓂᑦ, ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᖃᓄᐃᓴᓴᖏᑦᑐᑦ ᑐᓴᓯᕋᐅᑕᐅᓯᒪᔪᒥᒃ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᒻᒥᑦ. ᑕᐃᒪᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍ, ᑕᐃᒪᒃ ᐃᖅᑯᓪᓕᐅᑕᐅᓯᒪᖅᑲᐅᒻᒪᑦ, ᑲᒪᒋᔭᐅᓂᓇᒐᔭᖅᑕᖓ ᒋᐅᕈ ᑕᓯᐅᑉ ᐊᒻᒪᓗ ᐲᖅᑕᐅᓂᓇᒐᔭᖅᑕᖓ ᓯᒥᖓᑕ ᐊᑲᐅᓐᖏᓕᐅᕈᑎᖃᖅᑎᑦᑎᒐᔭᖅᑐᖅ. ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᐅᖃᖅᓯᒪᒻᒪᑕ ᑭᖑᓪᓕᕐᒥ ᖃᐅᔨᓴᕐᓂᐅᒐᔭᖅᑐᖅ ᒋᐅᕈ ᑕᓯᕐᒥ (SNP station 262-3) ᐅᓄᖅᓯᒋᐊᖅᑕᐅᕐᑯᓪᓗᒍ. ᖃᐅᔨᓴᕈᑎᖃᕋᔭᖅᑐᑦ ᐃᓚᖓᓂᒃ ᑕᓯᐅᑉ, ᐊᒻᒪᓗ ᐃᓚᖃᖅᑐᓂ ᖃᐅᔨᓴᖅᑕᐅᒐᔭᕐᓂᖓᓂᒃ pH, ᓂᓪᓕᓇᕐᓂᖓᓂᒃ/ᐆᓇᕐᓂᖓᓂᒃ, ᐱᓕᕆᐊᖑᓂᖓᓂᒃ, ᑲᑎᑦᑐᒋᑦ ᐋᖅᑭᔅᓴᔭ (Pb) ᐊᒻᒪᓗ ᑲᑎᑦᑐᒋᑦ Zn. ᒫᓐᓇ ᑐᔅᓯᕋᐅᑕᐅᓯᒪᒻᒪᑦ, ᓚᐃᓴᓕᒃ ᖃᐅᔨᓴᖃᑦᑕᕋᔭᖅᑐᖅ ᐊᕐᕌᒍᑕᒫᑦ 2005-ᒥ, 2006-ᒥ, 2008-ᒥ, ᐊᒻᒪᓗ 2011-ᒥ, ᐊᒻᒪᓗ, ᓂᕆᐅᓇᓐᖏᑦᑐᖃᕐᓂᖅᑲᑦ ᖃᐅᔨᓴᖅᓯᓈᖃᑦᑕᕋᔭᕆᓪᓗᓂ 2007-ᒥ, 2009-ᒥ ᐊᒻᒪᓗ 2010-ᒥ. ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᐅᖃᖅᓯᒪᔪᑦ ᖃᐅᔨᓴᖃᑦᑕᕐᓂᐅᒐᔭᖅᑐᑦ ᐅᓄᖅᓯᒋᐊᖅᑕᐅᓯᒪᔪᑦ ᐊᑕᐅᓯᐊᕐᓗᑎᖑᓐᓃᑦ ᐊᕐᕌᒍᑕᒫᑦ 2005-ᒥ ᐊᒻᒪᓗ 2011-ᒥ. ᓂᕆᐅᓇᓐᖏᑐᑯᑦ ᖃᐅᔨᓴᖃᑦᑕᕐᓂᖅ ᓂᕆᐅᒋᔭᐅᓐᖏᑦᑐᓂᒃ ᐱᑕᖃᕐᓂᖅᑲᑦ ᑎᑎᖃᖅᑕᒥᐅᓂᐅᓗᑎᒃ ᑕᐃᒪ ᐅᓄᖅᓯᒋᐊᖅᑕᐅᒐᔭᕐᒥᔪᖅ ᐱᖓᓱᐊᖅᑎᖃᑦᑕᓕᖃᔭᕐᓗᑎᒃ ᐊᕐᕌᒍᑕᒫᑦ (ᐅᑭᐅᑯᑦ, ᓂᓚ ᐃᔾᔪᔫᓕᖅᑲᑦ, ᐊᒻᒪᓗ ᓂᓚ ᐊᐅᑦᑎᓪᓗᒍ, ᓯᕗᓪᓕᕐᒥ ᖃᐅᔨᓴᕐᓂᕐᒥᒃ).

5. ᒪᓕᒋᐊᓖᑦ ᑮᓇᐅᔭᓕᓇᓂᕐᒧᑦ ᓱᓕᔾᔪᑕᐅᓯᒪᔪᑦ

ᐃᓚᖓ 76 ᓄᓇᕗᒥ ᐃᒪᕐᓄᑦ ᐊᒻᒪᓗ ᓄᓇᕗᒥ ᓄᓇᐅᑉ ᖄᖓᓄᑦ ᐱᔪᓐᓇᐅᑎᓕᓇᕇᑦ ᒪᓕᒐᖏᓐᓂ ᐱᔪᓐᓇᑎᑦᑎᒻᒪᑕ ᓄᓇᕗᒥ ᐃᒪᓕᓇᓂᕐᒧᑦ ᑲᑎᒪᔨᓂᒃ ᓚᐃᓴᓕᒃ ᓱᓇᒃᑯᑖᖅᑎᑦᑎᔭᓇᐊᖅᑎᑕᐅᓗᓂ ᐊᒻᒪᓗ ᐊᑦᑕᓇᐃᖅᓯᒪᓗᒍ ᒥᓂᔅᑕᒥᒃ ᐱᖃᑎᖃᕐᓗᑎᒃ ᒪᓕᓪᓗᒋᑦ ᒪᓕᒐᔅᓴᓇᔭᖏᑦ, ᐅᑉᐸᓘᓐᓃᑦ ᖃᓄᐃᓴᓴᖏᓐᓂᓇᔭᖓ ᒥᓂᔅᑕᐅᑉ ᒪᓕᓪᓗᒍ. ᒪᓕᓪᓗᒍ ᒪᓕᒐᖅ ᐊᒻᒪᓗ ᒪᓕᒐᔅᓴᖏᑦ, ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒥᒃ ᐅᑎᖅᑦᑎᓂᕐᒧᑦ ᐊᑐᐊᒐᖏᑦ ᓄᓇᕗᒥ ᐊᑐᐊᖅᓯᒍᑎᑕᖃᒃᑲᓂᕐᒥᒻᒪᑦ ᓚᐃᓴᖃᓇᐊᖃᕐᓂᖏᓐᓂᒃ ᐅᔭᕋᓂᐊᖅᑎᐅᔪᑦ ᑲᓇᑕ ᑮᓇᐅᔭᑎᒍᑦ ᐊᑦᑕᓇᐃᖅᑕᐅᓯᒪᑦᑎᐊᕐᓗᑎᒃ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ ᐅᑎᖅᑎᑕᐅᑦᑎᐊᕈᓐᓇᕐᑯᓪᓗᒍ ᐊᑭᓖᓗᑎᒃ ᐅᔭᕋᕐᓂᐊᖅᑎᒃᑯᑦ. ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᐱᓕᓇᓂᖓᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ ᐅᑎᖅᑎᑕᐅᓚᓪᓕᐊᓂᖓᓄᑦ ᐅᔭᕋᓐᓂᐊᖅᑎᒃᑯᑦ ᑮᓇᐅᔭᑎᒍᑦ ᐊᑦᑕᓇᐃᖅᓯᒪᔭᓇᐊᖃᕐᖓᑕ ᐊᑭᖏᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ ᓴᓗᒻᒪᓴᖅᑕᐅᓂᖓᓄᑦ ᑲᒪᒋᔭᐅᔭᓇᐊᖃᓕᕋᔭᓐᖏᒻᒪᑦ ᑲᓇᑕᒧᑦ. ᐱᔾᔪᑎᒋᓪᓗᒋᑦ ᐱᑐᖃᐅᓂᖅᓴᐃᑦ ᐅᔭᕋᓐᓂᐊᕐᓂᕐᒧᑦ ᐊᐅᓚᓂᐅᓯᒪᔪᑦ ᓴᖅᑭᖅᑕᐅᓯᒪᒧᔪᑦ ᐊᑐᐊᒐᓕᐅᖅᑕᐅᓚᐅᖅᑎᓐᓇᒋᑦ, ᓱᕐᓗ ᐳᓕᐅᓇᔅ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ, ᐱᓕᕆᐊᖑᔪᓪᓕᐊᓪᓗᓂ ᑲᒪᒋᔭᐅᔭᓇᐊᖃᕐᓂᐊᖅᑐᖅ.

ᓚᐃᓴᓕᒃ ᐊᑭᒋᒐᔭᓐᖑᐊᖅᑕᖓᓂᒃ ᑐᓂᓯᓯᒪᔪᖅ ᐲᔭᖅᑕᐅᓂᐊᕐᓂᖓᓄᑦ ᐳᓕᐅᓇᔅ

ᐅᔭᕐᓂᐊᕐᕕᐅᑉ ᐊᑭᖅᑐᓂ $47.56 ᒥᓕᐊᓐᓂᒃ ᑎᑎᖅᑲᖓᓐᓂ ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᓘᕕᐱᕆ 26, 2002-ᒥ. ᑖᒃᑯᓇᓐᖓᑦ ᑮᓇᐅᔭᓂᒃ, ᐅᔭᕐᓂᐊᕐᑏᑦ ᐊᑐᖅᓯᒪᓕᓈᖅᑐᑦ $10.4 ᒥᓕᐊᓐᓂᒃ, ᐊᒥᐊᒃᑰᓕᖅᑐᑎᑰᖅ $37.1 ᒥᓕᐊᓐ ᐱᓕᕆᔾᔪᑕᐅᔭᕆᐊᓖᑦ. ᑕᐃᒪᓐᖓᑦ ᐊᒥᐊᒃᑰᓕᔪᒻᒪᑕ ᐅᑎᖅᑎᑦᑎᐸᓪᓕᐊᓂᕐᒧᑦ ᑮᓇᐅᔭᐃᑦ $37.1 ᒥᓕᐊᓐ ᓇᓗᓇᐃᖅᑕᐅᔪᒻᒪᑕ, ᐃᓄᓕᕆᔨᑐᖅᑲᑯᑦ ᖃᓄᐃᓴᓴᖏᑦᑐᑦ ᑖᒃᑯᐊ ᐃᓱᒪᒋᔭᐅᓯᒪᔪᑦ ᓈᒻᒪᒋᐊᖏᑕ ᐱᖓᔪᐊᓂᒃ-ᑲᑐᔾᔨᖃᑎᖃᕐᓗᑎᒃ ᓇᓚᐅᑦᑖᖅᑕᐅᓯᒪᔪᓄᑦ ᐊᑭᓕᐅᑕᐅᔭᕆᐊᖃᕋᔭᖅᑐᓄᑦ ᐳᓕᐅᕆᔅ ᐅᔭᕐᓂᐊᕐᕕᒻᒧᑦ.

ᐃᓄᓕᕆᔨᑐᖃᑯᑦ ᑐᑭᓯᓯᒪᔪᑦ ᐱᔭᕆᐊᑐᓂᖓᓂᒃ ᐃᓛᒃᑰᖓᔪᑦ ᐃᒥᕐᒧᑦ-ᐊᑐᖅᑕᐅᓯᒪᔪᑦ ᐅᔭᕐᓂᐊᕐᕕᒻᒥ, ᐅᑉᐸᓗᓐᓃᑦ ᐅᑎᖅᑎᑦᑎᐸᓪᓕᐊᓂᕐᒧᑦ ᐱᓕᕆᔾᔪᑕᐅᔭᕆᐊᓖᑦ, ᓄᓇᒦᑦᑐᑦ, ᐊᒻᒪᓗ ᐊᒡᒍᖅᑕᐅᓯᒪᔪᑦ ᐆᔭᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᑎᖅᑎᑕᐅᐸᓪᓕᐊᓂᖓᓄᓪᓗ ᐊᑭᖏᑦ ᐃᒥᕐᒧᖓᔪᑦ ᐊᒻᒪᓗ ᓄᓇᒧᖓᔪᑦ ᑕᐃᒪᐃᓪᓗᐊᔭᖏᒻᒪᑕ. ᑕᐃᒪᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍ, ᐃᓄᓕᕆᔨᑐᖃᑯᑦ ᑐᓂᓯᕗᑦ ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᑦ ᐱᓇᓱᐊᑦᑎᐊᕆᐊᖃᕐᓂᐊᖅᑯᑦ ᖃᐅᔨᓇᓱᓪᓗᑎᒃ ᐊᑭᒋᒐᔭᖅᑕᖏᓐᓂᒃ ᐊᑭᓕᐅᑕᐅᔭᕆᐊᖃᕋᔭᖅᑐᑎᒃ ᐃᒪᕐᒧᖓᔪᓂᒃ. ᐃᓄᓕᕆᔨᑐᖃᑯᑦ ᐅᐸᐱᕈᓯᑦᑐᑦ $2.9 ᒥᓕᐊᓐ ᐊᑭᓕᐅᑕᐅᔭᕆᐊᖃᕋᔭᖅᑐᑦ - ᐊᒻᒪᓗ ᐱᓗᐊᖅᑐᒥᑦ ᐅᔭᕐᓂᐊᓂᕐᒧᑦ ᓱᓇᒃᑯᑖᑦ ᐆᖅᑕᐅᔭᕆᐊᖃᖅᑎᓪᓗᒋᑦ, ᐅᖅᓱᐊᓗᐃᑦ ᑐᖅᑯᖅᑕᐃᓯᒪᔪᑦ ᐊᒻᒪᓗ ᑲᒪᒋᔭᐅᓂᖏᑦ ᓱᓇᒃᑯᑖᑦ ᐆᔭᖅᑕᐅᑎᓪᓗᒋᑦ, ᑐᓚᑦᑕᕐᕕᖓ ᐊᒻᒪᓗ ᖃᐃᓐᖑᖓ, ᐆᔭᖅᑕᐅᓂᖓ ᐅᓯᑲᑦᑕᐅᑎᖓ ᐊᒻᒪᓗ ᐅᓯᒍᑎᖓ, ᐊᓯᖏᓪᓗ ᐆᔭᖅᑕᐅᔪᑦ ᐊᒻᒪᓗ ᓴᓕᒻᒪᓴᖅᑕᐅᔪᑦ, ᐆᔭᖅᑕᐅᓂᖏᑦ CRF ᐋᖅᑭᓯᒪᓂᖓ, ᐆᔭᖅᑕᐅᓂᖓ ᑐᔪᕐᒥᕕᒥᓂᖓ ᐊᒻᒪᓗ ᐊᓯᖏᑦ ᐃᓪᓗᐃᑦ, ᐊᒻᒪᓗ ᓄᓇᒧᑦ ᐊᑐᖅᑐᐊᕈᑎᒥᓂᖓᑦ ᐊᒻᒪᓗ ᐱᕐᑯᑎᓄᑦ ᑖᒃᓱᔭᕈᑎᒥᓃᑦ - ᓄᓇᒦᑦᑑᓗᐊᕐᖓᑕ. ᑖᓐᓇ ᐊᒥᐊᒃᑯᖃᖅᑎᑦᑎᒐᔭᖅᑐᖅ $34.2 ᒥᓕᐊᓐᓂᒃ ᐅᑎᖅᑎᑕᐅᔪᓐᓕᐊᓂᕆᒐᔭᖅᑕᖓᓄᑦ ᑐᕌᖓᑎᑕᐅᔪᓐᓇᖅᑐᑎᒃ ᐃᒪᓕᕆᓂᕐᒧᖓᔪᓄᑦ.

ᖃᐅᔨᒪᕐᑯᔨᒻᒥᔪᒍᑦ ᐃᓄᓕᕆᔨᑐᖃᑯᑦ ᓇᓗᓐᖏᒻᒪᑕ ᓚᐃᓴᓕᒃ ᐱᓕᕆᑦᑎᐊᓂᐊᕐᖓᑦ ᐅᑎᖅᑎᑦᑎᐸᓪᓕᐊᓂᕐᒥᒃ; ᐅᑉᐱᕈᓯᒍᑎᒋᔭᖓᑦ ᐅᔭᕐᓂᐊᖅᑎᒃᑯᑦ ᐱᓕᕆᑦᑎᐊᖃᑦᑕᖅᓯᒪᓪᓚᕆᓐᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᑦᑎᐊᖃᑦᑕᖅᓯᒪᓂᖏᓐᓄᑦ ᐊᐸᑎᓕᕆᓂᕐᒥᒃ ᐊᐅᓚᓂᖃᖅᑎᓪᓗᒍ ᐅᔭᕐᓂᐊᕐᓂᖅ. ᑕᑯᔾᔭᐅᑦᑎᐊᖅᑐᓂ ᐱᓇᓱᐊᕈᑎᖓᑦ ᐅᔭᕐᓂᐊᕐᕕᒻᒥ ᐅᑎᖅᑎᑦᑎᐸᓪᓕᐊᓂᕐᒧᑦ ᐊᑐᐊᒐᖓᑦ, ᑕᐃᒪᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍ, ᑐᔾᓯᕋᓇᐊᖃᖅᑐᒍᑦ ᐊᑦᑕᓇᐃᖅᓯᒪᕐᑯᓪᓗᒍ ᑕᐃᒪᓐᓇᓪᓗᐊᓂᒃ ᐊᑭᓕᐅᑕᐅᔭᕆᐊᓕᓐᓂᒃ ᐅᔭᕐᓂᐊᕐᕕᒻᒧᑦ. ᐃᓄᓕᕆᔨᑐᖃᑯᑦ ᑕᐃᒪᐃᒻᒪᑦ ᐊᑐᓕᕐᑯᔨᓯᒪᕗᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴ ᐊᑦᑕᓇᐃᖅᓯᒪᔭᕆᐊᓕᒃ $34.2 ᒥᓕᐊᓐᓄᑦ.

ᑭᖑᓪᓕᖅᐹᒥ, ᐃᓚᖏᑦ ᐃᓚᓕᐅᑎᓯᒪᔭᕆᐊᓖᑦ ᓄᑖᓐᖑᖅᑎᑕᐅᓯᒪᔪᒧᑦ ᓚᐃᓴᒧᑦ ᐊᕐᕌᒍᑕᒦᑦ ᕿᒥᕐᕈᔭᐅᓂᕆᖃᑦᑕᓂᐊᖅᑕᖓᓄᑦ ᒫᓐᓇᐅᔪᖅ ᓇᓚᐅᑦᑖᖅᑕᐅᓯᒪᔪᓄᑦ ᐊᑭᓕᐅᑕᐅᔭᕆᐊᖃᕋᔭᖅᑐᓄᑦ. ᐊᒥᓲᓂᖏᑦ ᐊᑦᑕᓇᐃᖅᓯᒪᔾᔪᑕᐅᔭᕆᐊᖃᕋᔭᖅᑐᑦ ᐋᖅᑭᑕᐅᑦᑎᐊᕈᓐᓇᕋᔭᕐᖓᑕ ᐊᑕᐅᑦᑎᒃᑯᑦ.

6. ᓚᐃᓴᐅᑉ ᐊᑐᕐᓂᖓ

ᐃᑲᔪᖅᑎᐅᔪᖅ ᑐᔾᓯᕋᖅᓯᒪᔪᖅ ᒪᑐᔭᐅᓚᐅᖅᑎᓪᓗᒍ ᖃᐅᔨᓴᕐᓂᐅᒐᔭᖅᑐᖅ ᑏᓯᐱᕆ 2011-ᖑᕋᓱᓐᓂᖓᓂ. ᐅᑎᖅᑎᑕᐅᓐᓕᐊᓂᖓ ᓂᕆᐅᒋᔭᐅᑎᓪᓗᒍ ᐃᓱᖃᕋᔭᕆᐊᖓ 2004-ᒥ, ᑖᓐᓇ 7-ᓂ ᐊᕐᕌᒍᓂᒃ ᑭᖑᓂᐊᒍᑦ ᒪᑐᔭᐅᓚᐅᖅᑎᓪᓗᒍ ᖃᐅᔨᓴᕐᕕᖃᖅᑎᑦᑎᒐᔭᕐᖓᑦ. 2011-ᒥ ᖃᐅᔨᓴᖅᑕᐅᖃᑦᑕᓐᓃᕋᔭᖅᑐᑦ ᒪᓕᒃᓗᒍ ᐃᓱᓕᓐᓂᖓ ᐅᔭᕐᓂᐊᖅᑎᒃᑯᑦ ᓄᓇᒧᑦ ᐊᑐᖅᑐᐊᕈᑎᖓᑦ ᐳᓕᐅᕆᔅ ᐅᔭᕐᓂᐊᕐᕕᒻᒥ.

ᐃᓄᓕᕆᔨᑐᖃᑯᑦ ᐅᖃᖅᓯᒪᔪᑦ ᓄᑖᕈᖅᑎᑕᐅᓯᒪᔪᖅ ᐃᒪᕐᒧᑦ ᓚᐃᓴ ᐋᖅᑭᑦᑕᐅᓯᒪᕐᑯᓪᓗᒍ 9-ᓂᒃ ᐊᕐᕌᒍᓂᒃ, ᑏᓯᐱᕆ 2011 ᓄᖑᖏᓐᓄᑦ ᑎᑭᓪᓗᒍ.

ᖃᐅᔨᒪᔭᐅᔭᕆᐊᓕᒃ ᓇᓗᓇᐃᖅᑕᐅᔪᖃᕐᓂᖅᑲᑦ ᓴᖅᑭᖅᑐᓂᒃ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓂ, ᓚᐃᓴᓕᒃ ᐋᖅᑭᒋᐊᕆᐊᖃᕋᔭᖅᑐᖅ. ᐊᑦᑎᓂᖅᐹᖓᓐᓂ, ᓚᐃᓴᓕᒃ ᓴᖅᑭᖅᑐᖃᕐᓂᖅᑲᑦ ᖃᓄᑐᐃᓐᓇᖅ ᐱᓕᕆᐊᖃᕋᔭᖅᑐᖅ ᑕᐃᒫᒃ ᑎᑎᕋᖅᓯᒪᒻᒪᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᓂ ᐆᔭᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᓐᓕᐊᓂᖓᓄᓪᓗ ᐸᕐᓇᐅᑎᒥ. ᑭᓱᑐᐃᓐᓴᐃᑦ ᓴᖅᑭᖅᑐᑦ ᐱᓪᓗᒋᑦ ᓚᐃᓴᓕᒃ ᐅᔭᕐᓂᐊᕐᕕᒥᓂᕐᒥᖏᓐᓇᕆᐊᖃᑐᐃᓐᓇᕆᐊᖃᕋᔭᖅᑐᖅ 2011 ᑐᖓᓂ ᑲᒪᒋᓂᐊᕐᖓᒋᑦ ᓴᖅᑭᖅᑐᒥᓃᑦ.

ᑭᖑᓪᓕᖅᐹᒥ

ᐃᑲᔪᖅᑎᐅᔪᖅ ᑐᓂᓯᓯᒪᔪᖅ ᐄᔭᖅᑕᐅᓂᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓄᓪᓗ ᐸᕐᓇᐅᒻᒥᑦ ᕿᒥᕐᕈᔭᐅᓯᒪᑦᑎᐊᖅᑐᓂ ᐊᒻᒪᓗ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓪᓗᓂ ᑕᐃᒪᓐᖓᑦ ᑐᓂᔭᐅᖃᑦᑕᓕᔪᒻᒪᓂᑦ ᓯᕗᓪᓕᖅᐹᒥ ᑎᑎᕋᖅᑕᐅᒋᐊᓐᖓᓚᐅᖅᓯᒪᔪᖅ ᒪᐃ 2000-ᒥ. ᑕᒪᐃᓐᓂᓕᒫᖅ, ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᓈᒻᒪᓴᖅᑐᑦ ᐸᕐᓇᐅᒻᒥᑦ ᑕᐃᒫᒃ ᑐᓂᔭᐅᓯᒪᒻᒪᑦ, ᐱᖃᓯᐅᑎᓪᓗᒋᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᕋᑖᖅᓯᒪᔪᑦ ᐳᓕᐅᓇᔅ ᐃᖃᓗᖃᕐᕕᒻᒥᒃ ᐅᑎᖅᑎᑦᑎᕙᓪᓕᐊᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᖓᑦ. ᐊᑐᓕᕐᑯᕆᔾᔪᑎᑐᐊᕗᓪᓕ ᐱᔾᔪᑎᓕᒃ ᐸᕐᓇᐅᒻᒥᒃ ᐅᓄᖅᓯᒋᐊᖅᑕᐅᔭᓇᐊᖃᕋᔭᕐᓂᖓᓄᑦ ᖃᐅᔨᓴᖃᑦᑕᕐᓂᖅ ᒋᐅᕈ ᑕᓯᕐᒥ ᑐᖏᓕᐊᓂ ᐅᑎᖅᑎᑕᐅᕙᓪᓕᐊᓂᖓᓂ.

ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᐊᑐᓕᕐᑯᕆᓯᒪᔪᑦ ᓚᐃᓴᓕᒃ ᓚᐃᓴᑖᕐᑯᓪᓗᒍ 9-ᓂᒃ ᐊᕐᕌᒍᓂᒃ ᐊᑐᕐᓂᐊᖅᑐᒥᒃ, ᐃᓱᖃᕐᓗᒍ ᑏᓯᐱᓇ 2011-ᒥ. ᓚᐃᓴᖓᑕ ᐊᑐᕐᓂᖓᓂ, ᓚᐃᓴᓕᒃ ᐊᑦᑕᓇᐃᖅᓯᓯᒪᑦᑎᐊᓇᐊᓕᒃ ᐊᒥᓲᓂᖏᑕ ᑕᐃᒪᐃᓪᓗᐊᖏᓐᓂᒃ ᐊᑭᓕᐅᑕᐅᔭᓇᐊᓖᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒥ ᐊᒥᐊᒃᑰᔪᓄᑦ. ᐃᓄᓕᓇᕆᑐᖃᑯᑦ ᐅᐸᐱᕈᓯᑦᑐᑦ ᐊᒥᓲᓂᖏᑦ ᒫᓐᓇᐅᔪᖅ ᐃᒪᓐᓇᐅᒋᐊᖏᑕ $34.2 ᒥᓕᐊᓐ. ᑖᒃᑯᐊ ᑮᓇᐅᔭᐃᑦ ᕿᒥᕐᕈᔭᐅᔭᓇᐊᓖᑦ ᐊᒻᒪᓗ ᐋᖅᑭᑕᐅᑦᑎᐊᖃᑦᑕᕐᓗᑎᒃ ᐊᕐᕌᒍᑕᒫᑦ ᑕᐃᒪᐃᓪᓗᐊᕐᑯᓪᓗᒋᑦ ᐊᓯᔾᔨᕈᑕᐅᔪᓄᑦ ᐊᑭᓕᓇᐊᓕᓐᓄᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒻᒧᑦ.

ᓄᓇᕗᒥ ᐃᒪᓕᕆᓂᕐᒧᑦ ᑲᑎᒪᔨᑦ ᓴᖓᓐᓂ
ᐱᔾᔪᑎᒋᓪᓗᒋᑦ:

ᑐᓴᓯᕋᐅᑎᖓᑦ
ᑎᒃᑯᑲᒥᓐᑯ ᑎᒥᖓᑦᑕ
ᓄᑖᓐᖑᑎᑕᐅᕆᐊᕐᑯᓪᓗᒍ
ᐃᒪᕐᒧᑦ ᓚᐃᓴᖓᑦ
N4L2-0262 / NWB1POL
(ᐳᓕᐅᕆᔅ ᐅᔾᕋᓐᓂᐊᕐᕕᒃ)

ᑎᑎᕋᖅᑕᐅᔪᑦ

ᐅᑯᓄᖓ

ᐃᓄᓕᕆᔨᑐᖃᒃᑯᓐᓄᑦ

ᓈᕗᐊᕆ 28, 2003

ᐃᓗᓕᖏᑦ

ᓯᕗᓪᓕᕐᒥ 1

ᖃᓄᐃᓕᐅᖃᑦᑕᖅᓯᒪᓂᖏᑦ 1

1. ᒪᓕᒋᐊᓖᑦ ᐃᒥᕐᒥᒃ ᐊᑐᓂᕐᒧᑦ 2

2. ᒪᓕᒋᐊᓖᑦ ᐊᑦᑕᖅᓯᖃᑦᑕᓂᕐᒧᑦ

3. ᒪᓕᒋᐊᓖᑦ ᒪᑐᔭᐅᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐲᔭᖅᑕᐅᕝᓕᐊᓂᖓᓄᑦ

3.1. ᒋᐅᕈ ᑕᓯᖅ ᐊᒻᒪᓗ ᒋᐅᕈ ᑕᓯᐅᑉ ᓯᒥᖓ 3
3.2. Frustration Lake Jetty 4
3.3. ᑐᓚᑦᑕᕐᕕᒃ ᐊᒻᒪᓗ ᖃᓂᒋᔭᖓᓃᑦᑐᑦ ᖃᐃᓐᖑᐃᑦ 4

4. ᒪᓕᒋᐊᓖᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐅᐊᑦᑎᔭᐅᓂᖓᓄᓪᓗ 5

5. ᒪᓕᒋᐊᓖᑦ ᑮᓇᐅᔭᓄᑦ ᓱᓕᕗᖕᖓᕈᑕᐅᓯᒪᔪᓄᑦ 6

6. ᓚᐃᓴᐅᑉ ᐊᑐᕐᓂᖓ 7

ᑭᖑᓪᓕᖅᑖᒥ