



# **Cloudy Bay Sustainable Forestry Limited: Forest Management Area (FMA)**

Wan Yia Wok Painim-Aut: Pablik Ripot

2012

## Table of Contents

	Page
1. Tok Igo Pas	<b>3</b>
2. Envairamen Toktok	<b>4</b>
(a) <i>Nem bilong Diwai na Kumbik</i>	4
(b) <i>Plen Bilong Setap</i>	4
(c) <i>Plen Bilong Katim Diwai Wanwan Yia (ALP)</i>	5
(d) <i>5 Yia Plen Bilong Katim Diwai</i>	5
(e) <i>Sekim Wara</i>	5
(f) <i>Sekim Pipia long Setap</i>	6
(g) <i>Envairamen Ripot Long Liklik Projek</i>	7
(h) <i>Diwai na ol Samting bilong Tumbuna</i>	7
(i) <i>Wok Forestri wantaim Envairamen</i>	7
(j) <i>Ol wok bilong Yia 2013</i>	8
1. <i>Wok painim aut long ol Wail abus</i>	8
2. <i>Wok painim aut bilong Torosel</i>	8
3. <i>Wok Painim aut bilong ol Diwai (PSP)</i>	8
4. <i>Wok Lukaut bilong Risev eria</i>	9
3. Ekonomi Toktok	<b>9</b>
(a) <i>Moni Odit</i>	9
(b) <i>Ripot Bilong Ren</i>	9
(c) <i>Ripot bilong Sefti</i>	10
4. Sosol Toktok	<b>10</b>
(a) <i>Bisnis projek Wok</i>	10
(b) <i>Wok</i>	11
(c) <i>Health/Hausik</i>	12
(d) <i>Project bilong Rot, School, Hausik</i>	12,13

## 1. Tok Igo Pas

Dispela Wok painim aut pablik report, kampani I wokim bihainim askim stap aninit long Principle 8, Criteria 8.2 bilong FSC stendets bilong Papua Niugini (PNG FSC Standards, Version 1,1, May 2010). Kampani bai stretim na putim aut long pablik dispela ripot olget wanwan yia.

Dispela ripot wok I bihainim dispela askim bilong FSC tasol sapos wanpela man o meri I gat askim long rot kampani I bihainim long ronim wok fores menesmen insait long Cloudybay fores menesmen eria (CBFMA), dispela man o meri I ken ring na toktok wantaim **Meneging Dairecta (MD) Mr. Mike Janssen** yusim ol dispela kontek namba;

<b>Mobail namba</b>	<b>(675) 710 49025</b>
<b>Ofis namba</b>	<b>(675) 328 1189</b>
<b>Fex namba</b>	<b>(675) 325 3489</b>
<b>Emeil</b>	<a href="mailto:mike.janssen@cloudybay.com.pg">mike.janssen@cloudybay.com.pg</a>
<b>Websait</b>	<a href="http://www.cloudybay.com.pg">www.cloudybay.com.pg</a>

<b>Adres:</b>	<b>Cloudy Bay Sustainable Forestry Limited</b>
	<b>P. O. Box 505</b>
	<b>Port Moresby</b>
	<b>Papua New Guinea</b>

## 2. Envairamen Toktok

Wankain olsem Ekonomic na Sosol totok, Cloudy Bay Sustainable forestry Ltd I wok long traim bihainim olgeta stia tok na ol lo bilong envairamen insait long ol forestri wok bilong em.

Kamapani olgeta taim I wok long bihainim Ol gaidlain bilong PNGFA olsem PNG LCOP wantaim ol gaidlain bilong DEC. Long wok gut, kampani I wokim haus bilong wokman bilong NFS long kampani banis bai NFS wokman I noken painim hat long raun na galasim wok bilong kampani. Dispela arensmen I stap insait long CBFMA Projek Developmen Agrimen.

Cloudy Bay Sustainable Forestri Ltd tu I kamapim ol Best operetin praktis (BOPs) na ol wei bilong galasim ol wok bilong em yet. Ol dispel wok em bilong helpim kampani wok ron bihainim wei gavaman I laikim long em.

FSC I laik bai ol pasin bilong sekim na ripot long ol wok wankain olsem ol galas wok bilong NFS I mas kamap insait long kampani. Hia em ol fores menesmen wok we kampani I save sekim na ripot bihainim PNG FSC Standards version 1.1 May 2010.

### (a) Nem Bilong Diwai na Kubik

Kampani I save makim olgeta gutpela bikpela diwai namel bilong ol sais 50 cm DBH na antap insait long ol setap bilong katim. Nem bilong faifpela (5) ol diwai we kampani wok long katim na skelim (Scale) planti insait long yia 2012 em Taun, Pink Satin wood, Celtis Hard, Amberoi na Dysox (*source: Log species list 2012, CBFMA Admin.*).

Kampani I bin katim na skelim (Scaled) ol diwai long 2012 wantaim mak bilong diwai long kubik inap olsem 23,434 m<sup>3</sup>. Dispela ol putim go long Bam somil long katim gen na kamapim timba wantaim kubik output olsem 11,996 m<sup>3</sup>.

Kampani I mekim wok bilong makim tu ol yangpela diwai (residuals) istap klostu long ol bikpela diwai bilong katim, bai senso operetta I ken abrusim long taim bilong daunim na pulim. Dispela em long lukautim yangpela diwai n agro inap narapela taim bihain long katim gen namba tu taim.

### (b) Plen Bilong Setap

Wok bilong plenim wok long pulim, sekim, kaunim na makim ol diwai bilong katim I save stap olgeta taim. Kampani I save wok bihainim olgeta stretpela wei bilong wokim wanpela setap bihainim PNG LCOP wantaim 24 ki stendeds (24 Key Standards).

Kampani I save painim na lusim ol diwai bilong kaikai, haus pisin (strangling fig), marasin na kanu. Kampani tu save putim tambu mak (buffer) long ol ples masalai, matmat na ol tumbuna hap bihainim tok orait bilong ol Len ona (LO) we ripot I save go insait wantaim olgeta setap plen.

Wokman I save putim ring mak raunim namel bilong ol yangpela diwai I stap klostu long ol diwai bilong katim, dispel bai helpim ol senso opereta I ken abrusim ol dispel yangpela diwai taim em daunim ol bikpela diwai.

#### **(c) Plen Bilong Katim Diwai Wanwan Yia (ALP)**

Kampani I save raitim aut rot bilong wokim wok (Annual logging plan – ALP) insait long wanwan yia. Dispela pepa wok I tokaut long hamas eria bai kampani I katim diwai long em, hamas diwai na kubik I stap insait long em, wei bilong pulim aut ol diwai, wanem kain tambu mak long putim long wara na ol ples tumbuna wantaim hamas man na masin bai wok. Kampani is save givim dispela ripot igo long NFS long kisim tok orait bipo long em igo stat long wok insait. Nau yet CBSFL I wok aninit long ALP bilong 2012/2013 we NFS I bin tok orait pinis na pepa wok bilong dispela tok orait long NFS I stap long Het opis long 9 mail (Moresby) na tu long ples wok long CloudyBay (Bam).

#### **(d) 5 Yia Plen Bilong Katim Diwai**

Igat 5 yia rot bilong wokim wok (5 Year work Plan) tu kampani I save wokim bilong olgeta faif (5) yia. Nau yet kampani I wok aninit long namba tu (2<sup>nd</sup>) 5 yia plen we I bin stat long yia 2011 na bai pinis long yia 2015. Dispela plan stap aninit long yia 6 igo long yia 10 bilong wok insait long FMA na copy bilong dispela plan is stap long het opis long 9 mail (Moresby) na tu long ples wok long Cloudy Bay (Bam).

#### **(e) Sekim Wara**

Kampani I save sekim tu wanpela wara I stap klostu long kem na ples we somil save wok. Dispela em long galasim sapos wara igat binatang nogut o ol kain marasin bilong wok I abrusim mak we ol stended DEC I makim. Dispela wok painim aut kampani yet I save wokim olgeta 4 mun, na em save baim konsalten long wokim bikpela ripot blong envairamen (EPR) long pinis bilong olgeta wanwan yia (Environment Performance Report). Dispela ripot I save helpim kampani long traim stretim ol pasin bilong em long wok bihainim askim insait long ripot. Kampani is save givim wanpela kopi bilong dispel ripot tu I go long DEC bihainim askim insait long envairamen pemit bilong ol.

Tebol 1 long narapela pes soim autkam bilong ol wok painim aut long wara, kampani wokim long Oktoba 2012

**Table 1 :**

Test Parameter	Result-Concentration in mg/L unless specified			Comment <i>Higher or Lower than Standard</i>
	<i>Doiguga (Robbinson) crk</i>		<i>Standard for Protection of Fresh Water Aquatic Life</i>	
	<i>Upstream</i>	<i>Downstream</i>		
Turbidity	1.5 N.T.U	1.5 N.T.U	No alteration to >25 N.T.U	No alteration by project
pH	6.98	7.01	No Alteration to natural pH	Upstream lower than downstream
Copper (Cu)	0.03	0.02	1.0 mg/L	Lower
Iron (Fe)	0.05	0.07	1.0 mg/L	Lower
Lead (Pb)	<0.001	<0.001	0.005 mg/L	Lower
Zinc (Zn)	0.02	0.02	5.0	Lower
BOD	6.24	6.89	No standard	Upstream lower than downstream
% Oil/Grease	<0.01	<0.01	0.0	Not much difference
E. Coli	34 per 100ml	35 per 100ml	No standard	Upstream lower than downstream
Coliforms	25 per 100ml	30 per 100ml	No standard	Upstream lower than downstream
Faecal coliforms	27 per 100ml	38 per 100ml	≤ 200 per 100ml	<ul style="list-style-type: none"> <li>• Lower than standard</li> <li>• Upstream lower than downstream</li> </ul>

( Source: EPR 2012 bilong Bam somil eria, ripot bilong Eco-management consults Ltd)

Long tebol antap, wok painim aut I soim olsem mak bilong ol marasin (metals) insait long wara bihain long ples wok na kem I aninit long mak stended I givim. Mak bilong ol gem I go antap liklik long dispela test. Kampani nau bai wok long stretim dispela long yia I kam (2013).

#### **(f) Sekim Pipia Long Setap**

NFS opisa husait I save lukautim wok long CBFMA I save wokim wok painim aut tu long ol sais bilong ol hap diwai we kampani I lusim long bus taim em I katim ol diwai na pulim aut. Opisa yet I save wokim dispel wok sapos em I lukim na I ting olsem I gat planti bikipela hap diwai (Waste off cut logs) kampani ino bin makim na katim gut.

I bin gat wanpela wok painim aut em NFS opis I wokim pinis long Setap 31 dispela yia wantaim helpim bilong ol wok man bilong kampani. Ripot bilong dispela wok ol kolim "Waste Assessment SUL#31 09/10 Report 2012" em NFS opisa I mekim pinis. Ripot i soim olsem 0.2% tasol I bin kamap olsem pipia diwai we em I liklik tumas aninit long mak bilong pipia insait long wanpela setap. Dispela soim tu olsem wok I bin go orait tasol na ino gat planti pipia diwai I stap long dispela setap.

### **(g) Envairmen Ripot long Liklik Projek (SPEIA)**

Kampani I save wokim tu ol envairamen sekap na ripot long eria bilong wokim ol liklik projek olsem ol skul haus, ples bilong kisim ston bilong wokim rot na wokim ol bris o rot bipo long wok I ken stat long ol dispela projek. Kampani I wokim pinis envairamen sekap na ripot long ol dispela liklik projek long CBFMA insait long yia 2012 bipo long ol dispela project I kamap, na tebol 2 aninit I soim ol dispela projek.

**Tebol 2 :**

No.	Ples	Wanem Kain Projek
1	Segiri	Alagadaga Quarry site
2	Amau	Proposed Gravel Extraction site
3	Bam	Church building site
4	Bam camp	Sawmill sawdust waste site
5	Bam camp	Sawmill waste site
6	Bam camp	Toxic waste pit
7	Boru	School buildings
8	Magaubo	School buildings
9	Robbinson Jetty	Jetty yard Extension
10	Bam camp	Accom. building Ablution block
11	Segiri	SDA church building site
12	Setup 28	River Gravel extraction site
13	Darava	Community hall building site

### **(h) Diwai na Ol Samting Bilong Tumbuna**

Cloudy Bay Sustainable Forestry Ltd I save painim aut tu sapos I gat ol tumbuna ples, ol diwai bilong kaikai na bus marasin o diwai kaikai bilong pisin bihainim toksave bilong ol Len ona (LO), na em I save putim tambu mak (buffer) o makim long kala pen bai wokman I no ken bagarapim. Dispela I bihainim rot bilong wok insait long PMCP gaidlain buk (Planning, Monitoring & Control Procedures) bilong NFS taim kampani I laik wokim ol Setup.

Ol Len ona (LO) I save bihainim wok man long taim bilong pasim ol Setup sapos wok katim diwai I pinis. Dispela em long sekim sapos olgeta tumbuna samting we ol I bin makim long abrusim I stap gut. Kampani I wokim wanpela pepa bilong ol LO long givim tok orait olsem wok insait long setup I bin ron gut, dispel pepa o fom bai kampani stat yusim long next yia. Dispela pepa I givim sans long LO long wok bung wantaim kampani long wokim disison long lukautim ol samting bilong tumbuna insait long eria bilong ol bilong bihain taim.

### **(i) Wok Forestri Wantaim Envairamen**

Long dispela yia, Kampani I bin kisim konsalten long wokim ripot bilong em long envairamen wok painim aut long 9 mail (WPC) na CBFMA ples wok bihainim ol stendet bilong envairamen. Ripot I

save kam aut long pinis bilong wanwan yia na ripot bilong dispel yia em taitel em “2012 Environment performance report for Cloudy Bay FMA Logging and Bam Sawmill operations” (EPR 2012). Wanpela kopi bilong dispela ripot I save go long DEC bihainim DEC pemit askim, na tu I gat kopi bilong dispela ripot stap long 9 mail het opis na CBFMA Bam opis.

Kampani I gat Sefti, Helt, Envairamen na Kwalati (SHEQ) section husait I bin wokim wanpela wok painim aut (Safety compliance Audit) sapos ol wokman bilong em bihainim ol wei bilong sefti taim ol I wok. Wok painim aut bin kamap long Novemba 2011, na ripot taitel em “Workplace Health and Safety Trial Audit, November 2011”.

### **(j) Ol Wok Bilong Yia 2013**

Kampani I gat tingting long wokim ol dispela wok painim aut long yia 2013 bihainim ol asking bilong FSC aninit long ripot bilong HCVF.

#### **1. Wok Painim aut long ol Wel Abus**

*Kampani bai mekim ol rekot bilong ol wel abus ol wokman I bungim taim ol I wok insait long wanwan setap. Dispela rekot em long soim sapos I gat ol wail abus I gat tambu long em bihainim ripot bilong HCVF, na sapos igat tingting long lukautim o risevim dispel eria.*

#### **2. Wok Painim aut bilong Torosel**

*Kampani bai mekim ol rekot long namba bilong ol Torosel ol man meri long ples insait long CBFMA I save kisim I go aut long FMA. Wokman bai kisim rekot tasol stat long bikpela kampani get we ol PMV kar I save gi ikam long Mosbi. Ol rekot bai soim sapos I gat planti Torosel ol man meri I save rausim long solwara insait long FMA.*

#### **3. Wok Stadi Bilong Diwai (PSP)**

*Long galasim gro bilong diwai bihain long katim, kampani nau I laik wokim ol stadi long gro bilong ol yangpela diwai em I no save katim. Kampani I tingting long wokim ol blok eria bilong stadi long ol setap em I katim pinis long ol kainkain hap eria olsem nambis, tais, flatpela hap na maunten. Dispela stadi long gro bilong ol yangpela diwai bai helpim kampani long mekim disison long hau bai em I ken wok na bekim bek diwai bilong katim gen bihain long 35 yia. Kampani bai setim ap 10 pela stadi block, na dispela stadi bai kisim moa long 10-15 yia. Stadi bai tokaut long gro bilong ol yangpela diwai long wanwan yia, ol wanem kain diwai I stap bihain long katim na ol wanem kain wel abus I stap yet long bus.*



#### 4. Wok Lukaut Bilong ol Risev Eria

I gat wanpela hap bus eria we ol Len ona (LO) I toksave long lusim stap bikos igat ol Paradise pisin I save kam samsam long en. Dispela hap eria em inap olsem 86.2 ha na kampani wantaim ol LO I putim olsem Paradise risev eria. Kampani bin kisim spesol tok orait long rausim 15 tasol pela diwai long wokim bris long rot long dispela yia. Wokman na LO bai wokim ol lukluk raun bilong ol long dispela risev eria olgeta 6 mun long sekim na strongim dispel risev eria oltaim.

### 3. Ekonomik Toktok

I gat tupela kain Ekonomik wok em dispela operesen I stap insait long em. Namba wan kain em ekonomik wok bilong kampani we kampani I wokim ol disison long ron bilong em yet long traim mekim em I ron gut na wokim moni. Namba tu kain em ol benefit o win moni bilong ol Len ona ol kisim long diwai bilong ol na ol narapela samting olsem ol wok, ol kontrak na ol Projek moni bilong PDC (Project Development Committee). PDC em wanpela komiti bilong ol LO husait I save lukautim na givim aut moni bilong wokim ol liklik bisnis insait long FMA.

#### (a) Moni Odit

Kampani I save wok long traim na wokim profit long ol wok bilong em. Long dispela as kampani I save kisim ol odita long arasait long sekim ol moni wok bilong em. Dispela moni odit bilong kampani ol I save wokim long 9 mail het opis long olgeta wanwan yia.

#### (b) Ripot Bilong Ren

Kampani I wok long kisim rekot bilong rain long olgeta wanwan dei na I save wokim aut total bilong olgeta mun na yia. Em I save yusim ol dispel rekot long soim piksa bilong ren bai em I ken wokim wok inap abrusim taim nogut. Dispela rekot I save tokaut tu long ol mak bilong timba output sapos ples I tais tumas long wok.

Total ren pudaun long yia 2012 long Bam somil eria em 3,627 mm. Liklik ren tru I bin pudaun long mun Novemba wantaim 81.5 mm, long mun Oktoba I bin gat bikpela ren pudaun wantaim ren mak 674.4 mm.

Tebol 3 aninit I soim ol mun wantaim rekot bilong ren long yia 2012

Table 3 :

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total	277.0	191.0	484.5	113.2	631.0	386.5	280.0	193.5	226.0	674.4	81.5	88.5	3,627.1
Min	2.0	0.5	1.5	2.2	0.5	3.5	1.0	1.0	1.5	0.5	1.0	4.0	
Max	26.5	58.0	86.0	31.5	185.0	122.5	94.0	42.0	45.0	227.5	40.0	79.5	
Mean	8.9	6.6	15.6	3.8	20.4	12.9	9.0	6.2	7.5	21.8	2.7	2.9	

(Source: CBFMA Common files/Rainfall Register)

### (c) Ripot Bilong Sefti

Cloudy Bay Sustainable Forestry Ltd I mekim Sefti olsem wanpela bikpela samting insait long olgeta wok bilong em. Sefti section bilong kampani I save karim aut dispela wok bilong Sefti long sekim ol wokman meri na wok bihainim Sefti olgeta yia. Kain wok olsem liklik toktok, awenes, sekim sefti long ples wok, trenin na miting wantaim ol wokman meri em wei Sefti section I save ronim wok sefti insait long operesen. Dispela I save daunim bagarap bilong ol masin, na sevim laif bilong ol wokman meri we I ken daunim kost bilong operesen.

Long dispela yia, Kampani aninit long sefti section bilong em I wokim yet ol wok lukaut long operesem bilong em, holim awanes miting namel long olgeta wokman meri na wokim ol ripot bilong ol bagarap na birua long ol wokman meri na ol masin.

I bin gat wanpela Sefti odit (Workplace Health & Safety Trial Audit report, 2011) I bin kamap pinis long yia 2011, na I gat tingting long wokim wanpela wok painim aut gen long yia 2013 na bihain taim tu.

Tebol 4 aninit soim ol Wok Sefti, kampani I bin wokim insait long 2012

**Table 4 :**

<b>Total</b>	<b>Activity</b>	<b>Subject</b>	<b>Audience</b>
48	Tool Box talk	Safety Consciousness of employees	All Sections
5	Awareness Forum	General Safety	All Sections
11	Safety Committee meetings	Work place safety issues & Updates	Safety reps.
67	Incident/Accident investigations	All Safety Incident reporting & mitigation	All Sections
3	Job Safety Analysis	Workplace safety	Sawmill
2	Safety Training programme	Incident Reporting, Job Safety Analysis	Safety reps.
<b>136</b>			

## 4. Socol Toktok

Kaikai bilong dispela operesen wok long ol kominiti insait long CBFMA I stap ples klia. Ol kain benefit olsem Royolti, Levi, lis peimen, kontrak wok, ol kainkian wok, ol Skul, Haus sik, Kominiti haus, ol rot, sip bris na helpim bilong polis em kampani bin givim pinis.

### (a) Bisnis Projek Wok

PDC (Project Development Committee) em wanpela komiti husait I save lukautim projek moni bilong ol LO, we ol I ken kamap wantaim ol proposal bilong ol liklik bisnis projek na kisim. Kampani I putim wanpela BDO (Business Development Officer) long sapatim na ripot long ol dispel projek bek long kampani. I gat pinis wanpela bisnis nius leta kampani I wokim long ripot bilong ol dispela

wok long dispela yia. Ripot em “Business Development News Letter 4<sup>th</sup> Qtr Newsletter – 2012” na I gat ol kopi I stap long 9 mail het opis na long CBFMA Bam opis tu.

Tebol 5 aninit I soim ol Projek bilong ol LO long yia 2012

**Table 5 :**

No.	Ol Kain Projek	Ples
1	Adauba Poultry project (coastal)	Si'ini village
2	Poultry project (inland)	Segiri village
3	U.A Lam fresh garden produce (inland)	Bonoabo village
4	Monomo Fishing project (coastal)	Ale village
5	Magi Fishing project (coastal)	Labu village

(Source: Business Development News 4<sup>th</sup> Qtr Newsletter-2012)

Kampani BDO I save helpim long givim advais na sampela taim stretim maket bilong sampela projek long salim kaikai wantaim ol Haus kuk kontrak bilong kampani.

PDC komiti tu I save bihainim ol rot bilong givim sapot I go long ol kominiti we em I save helpim long baim skul fi bilong ol sumatin husait kam long ol ples insait long CBFMA.

## **(b) Wok**

Long yia 2012, I bin gat 433 wokman meri we kampani I bin kisim pinis long wokim wok bilong em. Aut long dispela namba, 205 wokman meri I wok insait long CBFMA operesen eria na 190 man na meri long 9 mail WPC (Wood Processing Center) long Mosbi. Dispela namba em bungim tu ol wokman meri bilong Kontrak long CBFMA.

Olgeta 4 mun kampani I save stretim dispela rekot bilong namba bilong ol wokman na meri, na lukim tu sapos igat senis long total namba na namba bilong ol man na meri husait I wok.

Tebol 6 aninit I soim total namba bilong olgeta wokman na wokmeri insait long yia 2012.

**Table 6:**

Seksen	Man	Meri	Total	% Meri
Non Executive Directors	1		1	
Expert Managers	10		10	30
PNG National Managers	7	3	10	39
Head office	11	7	18	23
WPC	154	36	190	10
Bush	186	19	205	9
<b>Total</b>	<b>368</b>	<b>65</b>	<b>433</b>	<b>15</b>

(Source: CBFMA Common file/Employee profile)

### (c) Helt na Hausik

Kampani I gat wanpela liklik Helt klinik insait long CBFMA Bam kem kampani I wokim bilong ol wokman meri bilong em na I gat tupela Sista I save wok long dispela klinik. Kampani I givim tok orait long ol sik man meri na pikinini long kominiti I ken kisim marasin long dispela kampani klinik. Sista I save wokim tu ol wok klinik I go long ol ples stap longwe na I hat long kam kisim helpim.

Helt klinik I save bungim ol rekot bilong ol sikman meri na ol kain sik em I save stretim. Dispela ol ripot I save go long Kampani menesmen na kopi bilong ripot I save go long Sentrol Provins Helt dipatmen.

Tebol 7 aninit I soim namba bilong man meri na ol sik, klinik I bin helpim long yia 2012

**Table 7:**

No.	Type of Disease	No. of Cases Treated
1	Respiratory system	1,829
2	Gastro/Intestinal disease	359
3	Skeletal/Muscular Aches & Pains	1,027
4	Lymphatic disease	115
5	Malaria disease	1,376
6	Skin disease	1,339
7	Urinary tract infection	86
8	Eye disease	89
9	Work related disease	57
10	Other procedures	1,036
11	Infant Immunisation	772
12	Antenatal Clinic	202
13	Dental problems	125
14	Baby deliveries	10
	TOTAL	8,422

*(Source: Bam/Bonoabo clinic 2012 medical report)*

#  
#

### (d) Projek Bilong, Rot, Skul na Haus Sik

Kampani I wokim na pinisim pinis sampla ol projek long yia 2012. Dispela ol projek em kampani I wokim bihainim ol toktok em I wokim insait long "CBFMA project Development Agreement" agrimen bilong em wantaim Gavaman.

Tebol 8 aninit is soim total namba bilong ol projek we kampani I wokim pinis long yia 2012.

**Table 8 :**

<b>Wanem Kain Projek</b>	<b>Namba</b>	<b>Ples</b>
Elementary classroom	1	Ganai
Teachers house	2	
Elementary Teachers house	1	Segiri
Elementary classroom	1	
Elementary Classroom	1	laba
Teachers House	1	
Community hall	1	Oio
Community hall	1	Bam
Medical centre	1	Bam
Teachers house	2	
School Classroom	1	Darava no.2
Teachers House	1	
School classroom	1	Gadoguina
Teachers house	1	
Apaeva Community road	2.25 km	Apaeva
Segiri community road	0.25 km	Segiri

*(Source: Cloudy Bay Sustainable Forestry Ltd Social & Environment report 2012)*

Kampani yet I kamapim olgeta samting bilong wokim haus, disain bilong ol haus, na yusim Masin bilong em long wokim ol rot. Ol timba kam yet long somil bilong kampani long 9 mail (WPC) Mosbi we wokman meri I wokim drai, dresim na putim marasin bilong kilim binatang. Ol dispel haus em gutpela kwalati moa