

## **Fist Ki Mesej blong irapsen blong Ambae VMGD-WASH-FSAC-HEALTH abaot Kas blong volkeno, Konkon Ren mo Sanbis blong volkeno – Vesen 3.1**

Pej 1 blong 4 – abaot introdaksen, ao hemi apen, ao hemi save spolem yu mo wanem blong mekem bifo hemi spolem yu 25/05/2018

(Luk Pej 2 blong 4 blong save wanem blong mekem long taem we hemi apen mo wanem we hemi save apen taem blong hemi spolem yu, Pej 3 blong 4 blong save protektem ol wota saplae, mo advaes sipos sanbis, kas blong volkeno o konkon ren I spolem wota saplae mo Pej 4 blong 4 abaot advaes blong ao blong usum dust mask mo flo blong sofmot/ flo blong toti blong wud mo stone)

Hemi fist samari advaes we I bin pripare tru long ol thinkthink we ol ajensi ia oli putum tugeta: VMGD, WASH ol Klusta Memba, ol FSAC Klusta Memba, Animol proteksen long wol, Intenasional Volkanik Helt Hazad Netwok, mo GNS Saense.

Oli bin lukluk bak long ol difren edukesen materiel we oli bin usum long craeses blong Ambae blong karem aot samari ia. Ol ki mesej ia oli brikim ol pis blong ol advaes ia togeta long wan ples. Long sam ples samari ia i kivim ol niu advaes, mo adem ol niu infomesen.

Blong gat moa infomesen long saet blong ao volkeno I save spolem yu yet, moa analisis oli apen, o ao volkeno I save spolem yu moa, oli save lukluk bak long advaes ia. Luk ol vesen numba mo date antap long raet blong yu mo yu save karem letes vesen blong advaes ia long: <http://www.vmgd.gov.vu/vmgd/index.php/geohazards/volcano/volcano-info/resources>

	<b>Kas blong Volkeno</b>	<b>Konkon Ren (Acid Ren)</b>	<b>Sanbis o Asis blong Volkeno</b>
<b>Ao hemi apen</b>	<ul style="list-style-type: none"> <li>Ol kas oli kam aot long faea blong volkeno antap long top blong volkeno. Main kas we I stap kam aot hemi salfa dioxide (SO<sub>2</sub>).</li> <li>Hemi travel wetem direksen blong win mo hemi save kasem graon o stap nomo antap long air.</li> <li>Amaont we I kamaot long eni dei I save jenis bigwan.</li> </ul>	<ul style="list-style-type: none"> <li>Kas o sanbis we I kam aot long volkeno I mix wetem ren blong fomem konkon ren.</li> <li>Konkon ren I kam moa strong afta we I mixe wetem kas. (Exampol. Long Novemba 2017)</li> </ul>	<ul style="list-style-type: none"> <li>Sanbis hemi ol smol pis blong faea blong volkeno we gas I pisisim mo pusem aot taem we I kamaot long taem blong irapsen.</li> <li>Hemi travel wetem daerksen blong win mo foldaon long graon. Ol pis blong asis blong volkeno oli smol smol olsem tintin sanbis blong solwota be oli save gat strong acid raonem we I kamaot long kas. Wota hemi save wasem aot acid ia, e.g. taem ren I foldaon.</li> </ul>
<b>Ao hemi save spolem yu</b>	<ul style="list-style-type: none"> <li>SO<sub>2</sub> kas hemi smel nogud olsem taem yu bonem matjis.</li> <li>Problem blong Healt olsem: hae I sicrase, nose, troat, skin; koff; mo jes taem yu fosem yu/no save pulum gud win. Sam man to oli ripotem taet o wik.</li> <li>Ol man we oli sotwin oli sensibol long low level blong SO<sub>2</sub> kas.</li> </ul>	<ul style="list-style-type: none"> <li>Konkon ren I mekem hae I sicras o stikstikim hae.</li> <li>Konkon ren I save mekem ol metal thing oli rosta ariap.</li> <li>Konkon ren I save kilim ol fish insaet long pool blong fitim fish.</li> <li>Konkon ren I save mekem wota I test konkon olsem lemon jus. Konkon ren I save damejem ol tri speseli ol laef.</li> </ul>	<ul style="list-style-type: none"> <li>Sanbis I mekem ol vegetebol oli nogud blong kakai be yu save kakai sipos yu wasem, mo sipos yu kakai sanbis bae I save mekem yu sik.</li> <li>Sanbis I save spolem healt blong man. Hemi save mekem hae mo skin I sicrase mo mekem yu no save pulum gud win. Hemi save mekem olgeta we oli sotwin mo ol nara problem blong pulum win I save kam wose.</li> <li>Sanbis hemi wan gud fertaelisa long wan longfala term be hemi nid blong mixim wetem graon (speceli sipos hemi tik moa long 2 cm)</li> <li>Sanbis i save kivim sik o det long ol animol sipos oli kakai.</li> <li>Sanbis i save mekem wota blong drink I luk klaodi mo test nogud (metalik, o konkon olsem lemon jus).</li> <li>Tin sanbis (&lt;2mm) i mekem smol damej long ol kakai long karen comparem wetem konkon ren.</li> <li>Tik sanbis moa long 1 cm I save brekem ol pipe blong ren wota mo sam kakai long karen.</li> <li>Mas save se veri tik sanbis (&gt;10 cm) i save brekem ol kakai long karen mo ol tri, berem graon, spolem laevstock mo save mekem ol tradisional ruf blong haos oli save kolapse.</li> </ul>
<b>Wanem blong mekem bifo hemi apen</b>	<ul style="list-style-type: none"> <li>Think think long hem mo tok abaot sipos yu save smelem kas insaet long vilej blong yu.</li> <li>Save hu I gat problem blong pulum win olsem sotwin.</li> <li>Mekem wan plan (wetem ol man long vilej) blong ao mo wanem ples bae yu go long hem taem yu nid blong livim vilej blong yu from smel blong kas I strong. Taem yu developem plan blong yu yu mas konsiderem ol thing olsem transpot blong pikimap ol olfala man mo olgeta we oli no strong (disabiliti). Mekem sua se everi man long vilej oli save long plan ia!</li> </ul>	<ul style="list-style-type: none"> <li><b><u>Mas redi blong diskonektem ruf long wota tank o wel long taem blong ren</u></b></li> <li>Mas redi blong haetem famili blong yu mo ol animol insaet long haos.</li> <li>Tok abaot konkon ren insaet long vilej blong yu mo mekem wan plan blong ao bae yu respond sipos I gat konkon ren. Mekem sua se everi man long vilej oli save long plan ia!</li> <li>Save se yam hemi nogud ariap pitim ol nara kakai long karen.</li> <li>Sipos hemi posibol planem ol kakai long karen andanit long ol tri. No mas katem aot ol branj blong ol tri long ol ples we yu planem kakai long hem from hemi save protektem ol kakai long karen from damej blong konkon ren</li> <li>I moa gud ol man oli planem ol kakai long karen we oli redi ariap.</li> </ul>	<ul style="list-style-type: none"> <li>Make sua blong kavremap everi wota tank mo wel. Yu save kavremap ciment well wetem ol kapa we yu putum ova long timba, iron o bambu. Blong protektem gud olgeta long sanbis, kavremap kapa wetem wan tapolen.</li> <li><b><u>Mas redi blong diskonektem ol pipe blong ren wota we I ko long tank</u></b></li> <li>Mas redi blong haetem famili blong yu mo ol animol long sanbis antap long ruf o insaet long haos sipos hemi posibol.</li> <li>Save hu I gat problem blong pulum win.</li> <li>Tok abaot sanbis insaet long vilej blong yu mo mekem wan plan blong ao bae yu respond sipos sanbis I foldaon. Mekem sua se everi man long vilej oli save long plan ia!</li> </ul>



# **Fist Ki Mesej blong irapsen blong Ambae VMGD-WASH-FSAC-HEALTH abaot Kas blong volkeno, Konkon Ren mo Sanbis blong volkeno – Vesen 3.1**

Pej 2 blong 4 – Wanem blong mekem long taem we hemi apen mo afta we hemi spolem yu

25/05/2018

(Luk Pej 1 blong 4 abaot introdaksen, ao hemi apen, ao hemi save spolem yu mo wanem blong mekem bifo hemi spolem yu, Pej 3 blong 4 blong save protektem ol wota saplae, mo advaes sipos sanbis, kas blong volkeno o konkon ren I spolem wota saplae mo Pej 4 blong 4 abaot advaes blong ao blong usum dust mask mo flo blong sofmat/ flo blong toti blong wud mo stone)

	Kas blong Volkeno	Konkon Ren (Acid Ren)	Sanbis o Asis blong Volkeno
Wanem blong mekem long taem we hemi apen	<ul style="list-style-type: none"> <li>Muvum aot ol man speseli olgeta we oli gat problem blong pulum win i go long ol ples we oli no nogud tumas.</li> <li>Watjem gud ol man we oli gat problem mo referem olgeta long ol klinik klosap blong oli tritim olgeta.</li> <li>Sipos kas I smel strong, everi man i mas muv long ol eria we oli no nogud tumas.</li> <li>Stap long ples ia sipos kas I no tumas – sarem gud windo mo doa, blokem ol hol wetem kaliko.</li> <li>Drink plenti wota.</li> <li>No mekem evi wok from bae hemi mekem yu pulum win bigwan.</li> </ul>	<ul style="list-style-type: none"> <li><b><u>Sipos yu filim se rain i mekem hae blong yu i sicrase mo yu nokat wan fist flash sistem, karem aot ariap koneksen blong ruf we i ko long tank blong wota mo wel.</u></b></li> <li>Kavremap wel wetem tapolen.</li> <li>Kavremap ol sola panel wetem ol elektrikol koneksen.</li> <li>Ko insaet long haos.</li> <li>Drink plenti klin wota.</li> <li>Haetem ol animol blong yu long wan haos o andanit long tapolen.</li> <li>Sipos problem blong hae blong yu i ko nogud moa, ko long klinik we i klosap.</li> </ul>	<ul style="list-style-type: none"> <li><b><u>Karem aot ariap koneksen blong ruf we i ko long tank/wel blong drink, even sipos i gat fist flash sistem.</u></b></li> <li>Kavremap wel wetem tapolen.</li> <li>Stap insaet long haos we i klos gud, we windo mo doa oli klos. Sipos hemi posibol, hagem ol extra kaliko ova long doa mo windo we oli open blong blokem sanbis. <b><u>Stap insaet long haos sipos ples I no hot tumas.</u></b></li> <li>Mas traem blong go insaet long haos we ruf hemi metal o ciment taem stone blong volkeno i foldaon (lapilli o stone bong volkeno) hemi save mekem man i kil from hemi evi.</li> <li>Lukaot gud long ol man we oli kat problem blong pulum win. Oli save werem wan dust mask. Putum kaliko ova long dust mask be make sua se I no blokem olgeta blong pulum win.</li> <li>Drink plenti klin wota.</li> <li>No karem asis /sanbis blong volkeno i ko insaet long haos, leko sus aotsaet mo prume aot asis/sanbis blong volkeno we i stap insaet long haos.</li> <li>Sipos yu nid blong ko aotsaet, yu mas werem klos we hand blong hem i longfala wetem long traosis, kavremap maot, nose mo hae mo werem hat. Afta yu mas washem klos blong yu mo swim.</li> <li>Wasem hae blong yu we i konkon - yu no mas sikrasem hae blong yu. Sanbis i save sikrasem hae.</li> <li>Karem ol animol we oli no wael mo protektem laevstok insaet long haos.</li> <li>Sipos kondisen i kam nogud olgeta lukaotem klinik we I stap klosap long yu blong karem tritmen.</li> </ul>
Wanem blong mekem afta we hemi apen	<ul style="list-style-type: none"> <li>Wasem gud kakae blong karen bifo yu kakae kasem taem we I gat wan nara klin ren i kam.</li> <li>Jenisim ol klos blong yum o swim/wasem bodi olteam.</li> </ul>	<ul style="list-style-type: none"> <li>Rimuvum gud tapolen long wel blong yu.</li> <li><b><u>Sipos yu nogat fist flash sistem : taem we I ren, leko i ren gud blong 30 minutes bifo yu rekonektem tank/wel blong yu.</u></b></li> <li>Wasem gud kakae blong karen bifo yu kakae kasem taem we I gat wan nara klin ren i kam.</li> <li>Mas save se sipos I nomo gat grass bambae ol animol oli agrei.</li> <li>Mas mekem sua se ol laevstok blong yu i kat akses long grin grass mo klin wota.</li> </ul>	<ul style="list-style-type: none"> <li>Karem aot asis/sanbis blong volkeno long kova blong wel blong yu.</li> <li><b><u>Taem we i ren I stat, leko i ren gud blong 30minutes bifo yu rekonektem tank/wel blong yu even sipos yu gat fist flash sistem:</u></b></li> <li>Ol bigfala man oli mas brum aot asis/sanbis blong volkeno long ol kapa. Brum aot asis/sanbis blong volkeno long ol metal ruf long drae sesen so yu no nid blong wait blong rekonektem tank/wel blong yu</li> <li>Taem yu wokbaot o ronron long rod we I dasti, protektem maot, nose mo hae blong yu.</li> <li>No mas pleple o wok lond ples we I gat sanbis long hem kasem we gudfala ren i foldaon. <b><u>No letem ol pikinini oli pleple wetem sanbis!</u></b></li> <li>No exposem ol animol mo laevstok blong yu long sanbis.</li> <li>Kavremap wetem ol leaf o klinim mo rimuvum sanbis long ol ples we yu stap long hem.</li> <li>Sipos yu mas wok aotsaet long sanbis we i no wetwet long ren yet (olsem klinap, go long karen) : yu mas werem klos we hand blong hem i longfala wetem long traosis, kavremap maot, nose mo hae mo werem hat. Swim afta long hem.</li> <li>Shekshekem mo wasem ol kakae long karen blong karem aot sanbis bifo yu kakae.</li> <li>Katem mo klinim sanbis long ol grass mo kakae blong avoedem laevstok blong yu blong kakae sanbis. Lukluk gud long ol grass we asis I berem from ol laevstok blong yu I nidim yu blong yu klinim bifo oli save kakae.</li> <li>Laevstok hemi nidim klin wota blong drink olsem ol man. Make sure blong fidim ol animol wetem kakae we I gat plenti wota insaet olsem ol stamba blong banana.</li> <li><b><u>Tik sanbis blong volkeno I save mekem flo blong sofmat – No mas stap klosap long ol valei mo ol flat eria.</u></b></li> </ul>



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25/05/2018

Pej 3 blong 4 blong save protektem ol wota saplae, mo advaes sipos sanbis, kas blong volkeno o konkon ren l spolem wota saplae.

(Luk Pej 1 blong 4 abaot introdaksen, ao hemi apen, ao hemi save spolem yu mo wanem blong mekem bifo hemi spolem yu, Pej 2 blong 4 blong save wanem blong mekem long taem we hemi apen mo wanem we hemi save apen taem blong hemi spolem yu mo Pej 4 blong 4 abaot advaes blong ao blong usum dust mask mo flo blong sofmat/ flo blong toti blong wud mo stone)

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### Protektem wota saplae:

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**Fist thing hemi blong yu mas save protektem wota saplae blong yu blong sanbis blong volkeno, kas mo konkon ren i no go insaet long hem.** Hemi save apen olsem:

- Mekem sua blong kavremap ol tank mo wel. Yu save kavremap ciment well wetem ol kapa we yu putum ova long timba, iron o bumbu. Blong protektem gud olgeta long sanbis, kavremap kapa wetem wan tapolen.
- Diskonektem ol pipe blong ren wota we l ko long tank sipos sanbis blong volkeno o konkon ren i kam.

**Long drae sesen**, yu no reali wantem diskonektem everi tank o well long vilej blong yu, from wota hemi klaodi o test nogud long konkon ren o sanbis be yu save usum wota ia long ol nara nid olsem swim, wasem hand, wasem plate mo kuk (be no mas kukum rice wetem from rice l drink plenti wota). Sipos hemi posibol yu no mas drink wota ia mo drink botel wota, grin coconut o boelem spring wota o unda graon wota.

Long wanwan vilej, putum one to plenti tank o well we oli diskonektem olgeta blong protektem wota olsem wota blong drink. Putum ol nara tank/well oli konekt so yu gat inaf wota blong swim, wasem hand, wasem plate mo kuk (be no mas kukum rice wetem o kakae we i nidim plenti wota olsem sup o stew).

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### Sipos wota saplae hemi nogud long sanbis blong volkeno, kas o konkon ren :

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#### **Aksen**

- **Tritim everi wota blong drink blong redusum o kilim aot ol microbe, usum ol fasin:**
  - Boilem wota blong 1 minute.
  - Filtarem tru long ol filta, afta putum chlorine tablet insaet mo putum wota l stap long a haoa.
  - Putum ol tables chlorine insaet . Sipos wota hemi klaodi, filtarem fastaem wetem wan klin klos afta yu just putum tablet blong chlorine mo putum wota i setel blong 2 haoa. Save se chlorine hemi no kilim ol nara taep blong microbe.
- Hemi impotent blong kontinu blong drink plenti wota blong no dehydrated.
- Kapsaetem fist cup blong wota we yu takem long moning long tap.
- Sipos famili blong yu l gat wota we kas blong volkeno, mo konkon ren mo sanbis i stap insaet:
  - Makem sua se ol bebe mo ol pikinini ol drink botel wota, grin coconut o boelem spring wota o unda graon wota nomo.
  - Sipos wota hemi klaodi : putum wota ia insaet long wan plastik olsem blong benzine blong mekem se sanbis blong volkeno hemi setel insaet long hem o filtarem wota ia wetem wan klin klos.
  - Sipos wota hemi test konkon: traem blong putum ol smol piese blong shell o coral insaet long kontena blong wota (eg. Plastik blong benzine ) blong neutralisem acid.

#### **Save :**

- Kas blong volkeno, konkon ren mo sanbis oli save mekem wota blong drink hemi luk olsem klaodi, mo test nogud (metalik o konkon olsem lemon jus).
- Sanbis blong volkeno i save putum fluoride insaet long wota. Sipos yu drink wota ia long shot taem, even taem sanbis hemi tik (>20 cm) hemi no luk olsem wan risk blong healt long saet blong wan bigfala man mo ol bigfala pikinini. Ol bebe mo ol youngfala pikinini oli no mas drink wota we sanbis i soplem nogud long eni taem, hemia i save mekem problem long tuth (fluorosis). Everione mo speseli ol pikinini drink wota we i gat bigfala fluoride long wan longfala taem hemi no allao from hemi save mekem problem long tuth mo bun.
- Acid insaet long wota we sanbis blong volkeno, kas o konkon ren l mekem oli save putum evi metal insaet long ol tap. Risk blong healt hemi save reduce taem yu kapsaetem fist cup blong wota long tank long everi dei bifo yu usum.



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Pej 4 blong 4 abaot advaes blong ao blong usum dust mask mo flo blong sofmat/ flo blong toti blong wud mo stone 25/05/2018

(Luk Pej 1 blong 4 abaot introdaksen, ao hemi apen, ao hemi save spolem yu mo wanem blong mekem bifo hemi spolem yu, Pej 2 blong 4 blong save wanem blong mekem long taem we hemi apen mo wanem we hemi save apen taem blong hemi spolem yu mo Pej 3 blong 4 blong save protektem ol wota saplae, mo advaes sipos sanbis, kas blong volkeno o konkon ren I spolem wota saplae)

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### Usum dust mask blong sanbis blong volkeno

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- Usum strap mo nose klip blong holem taet mask long fes blong yu. Strap we i stap antap i mas stap ova long het mo nara wan I stap andanit long hem.
- Sipos yu filim se win i stap kam aot long saet blong mask, stretem blong i taet gud. Putum sam klos ovarem mask blong i holem taet (be make sua se i no blokem yu blong pulum win much).
- Mask i I no save fitim gud ol pikinini mo ol man wetem mustache.
- Dust mask hemi no protektem yu long kas blong volkeno.

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### Flo blong sofmat mo flo blong toti wetem, wud mo stone

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Afta long irapsen blong volkeno, sanbis blong volkeno mo ol stone we oli foldaon long graon mo long ol tri oli save muv baeken, speseli long team blong ren. Hemia i mekem tu (2) spesifik taep blong flo:

- **Flo blong sofmat:** mix blong sanbis blong volkeno, bigfala stone mo wota.
- **Flo blong ol toti, wud mo stone mo stone we i foldaon:** bigfala lanslaet blong ol wik eria long set blong volkeno i go long riva.

Long ol ples we hill i stap long hem, wota blong ren i save wasem aot olgeta mo karem ol sanbis blong volkeno mo mekem flo blong sofmat, speseli sipos ol tri oli no grow ariap long hem (ol tri ol help blong kipim sanbis I stap). Flo blong sofmat i save pikimap ol bigfala stone mo karem wetem hem.

Evi ren we i wasem aot sanbis blong volkeno mo stone long ol hil blong volkeno, hemi save mekem flo blong sofmat. Ol flo blong sofmat oli jenisim bed blong ol riva mo save spolem ol bridje, trak, haos mo tri taem oli stap long rod blong. I gat oltaem noise blong flo blong sofmat from ol bigfala stone we oli bank bitwin olgeta. **Ol man oli mas save stap long ol sef ples longwe long ol riva mo crik.** Flo blong sofmat we i ron i olsem “we yu tanem cimen” mo i follem ol crik I go daon, saes, spid, mo namba blong ol something we i stap insaet long oli save jenis – Hemi save karem ol stone, graon, tri, mo bridje o trak.

Plenti hill blong volkeno oli hae mo oli wik. Evi ren i save mekem ol stone we oli stap long ol wik ples oli foldaon. Ol bigfala flo blong sofmat we i gat ol bigfala stone insaet name blong hem “Flo blong toti, wud mo stone” we hemi hapen taem wota I mix wetem ol stone we oli foldaon mo hemi ron go daon long ples we i nogat hill. Oli mekem plenty noise taem oli stap kam daon long hill mo berem ol bigfala stone.

Wota blong ren hemi mekem flo blong sofmat follem wetem flo blong toti, wud mo stone we i save spolem gud o jenisim ol riva mo strim, samtaem hemi lego plenti samthing we i mekem se flo ia I save kam wan problem.

