

All correspondence should be addressed to

"THE DIRECTOR"

Telephone 707305
Fax : 738154



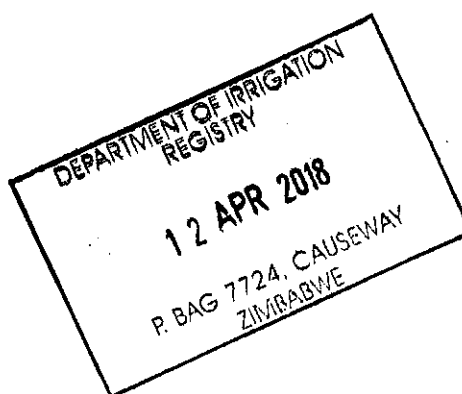
MINISTRY LANDS, AGRICULTURE AND RURAL
RESETTLEMENT
P. BAG CY 639
CAUSEWAY
HARARE
Telephone 729198/738805/720157
794601-5

12 April 2018

Attention Mr S. Kashiara

The Project Formulation Advisor

JICA Zimbabwe Office



Dear Sir

**RE: MONTHLY NYAKOMBA IRRIGATION SCHEME MARCH 2018
ENVIRONMENTAL MONITORING REPORT**

Reference is made to the above subject.

Please find attached the environmental monitoring report for the month
March 2018.

Yours sincerely

A handwritten signature in black ink, appearing to read 'S. Kadaira'.

Mr. S. Kadaira

For Director, Department of Irrigation Development

KONOIKE

KONOIKE CONSTRUCTION CO., LTD.

International Division

2-7-5 Minamisuna, Koto-ku, Tokyo 136-8880, Japan

Tel : +81-3-5617-7862 Fax : +81-3-5617-7864

THE PROJECT FOR IRRIGATION DEVELOPMENT FOR NYAKOMBA IRRIGATION SCHEME

Ref. No. : KIG-MAMID-053

April 9, 2018

To: Dr. Conarde Zawe
Director of Ministry of Agriculture, Mechanisation
and Irrigation Development
Republic of Zimbabwe

Dear Sir,

RE: The Project for Irrigation Development for Nyakomba Irrigation Scheme

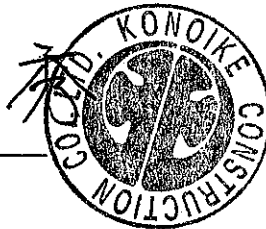
Sub: Submission of Report of Monthly Environmental Monitoring (2018 March)

We refer to above heading.

We would like to herein submit our "The Report of Monthly Environmental Monitoring (2018 March)" for your reference.

Yours faithfully

芦田 雅彦



Masahide ASHIDA
Resident Representative
Konoike Construction Co., Ltd.

Encl : The Report of Monthly Environmental Monitoring (2018 March)

C.C.: Mr. Sakae KASHIHARA
Project Formulation Advisor
Japan International Cooperation Agency Zimbabwe office

C.C.: Mr. Mototaka NISHI
Project Manager
NTC International Co., Ltd.

C.C.: Mr. Masayoshi MIURA
Resident Engineer
NTC International Co., Ltd.

Republic of Zimbabwe
Ministry of Agriculture, Mechanization
and Irrigation Development

The Project for Irrigation Development
for Nyakomba Irrigation Scheme

Report of Monthly Environmental Monitoring
(2018 March)

KONOIKE CONSTRUCTION Co., Ltd.

Monitoring Form

Monitoring Form - Construction Stage (every month)

Month & Year: March, 2018
 Reporter: Masabide ASHIDA (Konoike)
 Date: 1st April, 2018

Item (rate)	Reporter	Monitoring Report	Judgment by PMG*
Air pollution	Contractor	Visual observation of dust at the construction sites: (<input checked="" type="checkbox"/> No air pollution / <input type="checkbox"/> Probable air pollution => describe below) Note: Attach the records of the daily visual observation.	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
Water pollution	Contractor	Turbidity of river water tested by transparency meter in the construction sites of pump station and box culverts: (<input type="checkbox"/> No water pollution / <input type="checkbox"/> Probable water pollution => describe below) <div style="margin-left: 40px;"> $\left\{ \begin{array}{l} A: 3.8 \text{ m/l (Pump Station A)} \\ D: 1.9 \text{ m/l (Pump Station D)} \end{array} \right.$ </div> SS Measured: <u>—</u> mg / L* (SAZ: less than 25.0/-0.1mg / L) *Turbidity of the river water can be converted from the water transparency	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
Waste	Contractor	Volume of disordered waste at the construction sites: <u>0.2 m3</u> (<input type="checkbox"/> No waste problem / <input type="checkbox"/> Probable waste problem => describe below) Note: Attach "the Recommendation following Disposal of wastes"	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
		Evidence of community's approval for the place and way of waste disposal (<input checked="" type="checkbox"/> Yes, there is an evidence of approval / <input type="checkbox"/> No evidence => describe below)	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
Noise and vibrations	Contractor	Noise and vibration at the construction sites measured by noise tester and vibration tester: (<input type="checkbox"/> Noise or vibration problems are insignificant and less than the level set by the Standards Association of Zimbabwe / <input type="checkbox"/> Noise and/or vibration are beyond the said standards=> describe below) Noise: Measured Avg. <u>49.0</u> dB, Max <u>62.7</u> dB, Min. <u>—</u> dB (SAZ : less than <u>65</u> dB)	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
Ecological system	Contractor	Record of illegal hunting and/or logging: (<input checked="" type="checkbox"/> No illegal means / <input type="checkbox"/> Illegal means found => describe below)	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
Water usage	District Agr.	Record of grievances: (<input checked="" type="checkbox"/> No grievance / <input type="checkbox"/> Grievances made => describe below)	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C

Item (rate)	Reporter	Monitoring Report	Judgment by PMG*
Existing social infrastructures & services	Contractor	Record of grievances: (<input checked="" type="checkbox"/> No grievance / <input type="checkbox"/> Grievances made => describe below)	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
HIV/AIDS infection	Contractor	Record of briefing to the workers: (<input checked="" type="checkbox"/> Briefing provided / <input type="checkbox"/> No briefing provided => describe below) <i>Note : Attach "The Tool Box / Safety Talk Programme"</i>	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
		Record of briefing to the grievances: (<input checked="" type="checkbox"/> No grievance / <input type="checkbox"/> Grievances made => describe below)	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C
Accidents	Contractor	Record of accidents: (<input checked="" type="checkbox"/> No accident / <input type="checkbox"/> Accidents occurred => describe below)	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C

Remarks: Judgment by Project Management Group (PMG): "A" = Confirmed as no problem; "B" = To be re-examined; "C" = To be solved

Note:

- The reporters (Contractor, Ministry of Agriculture and Mechanization Development: MAMID, and Zimbabwe National Water Authority: ZINWA) shall fill the monitoring form every month, and submit it to the Project Management Group (PMG).
- The PMG will evaluate the report with support of the related agencies. If there are items to be re-examined, the PMG shall inform the reporters to make detailed survey on the items. In case of any serious problems occurred, the PMG shall take countermeasure to solve the problems in cooperation with related agencies.

Daily Monitoring Sheet

Month & Year : March, 2018
Reporter : Masahide ASHIDA

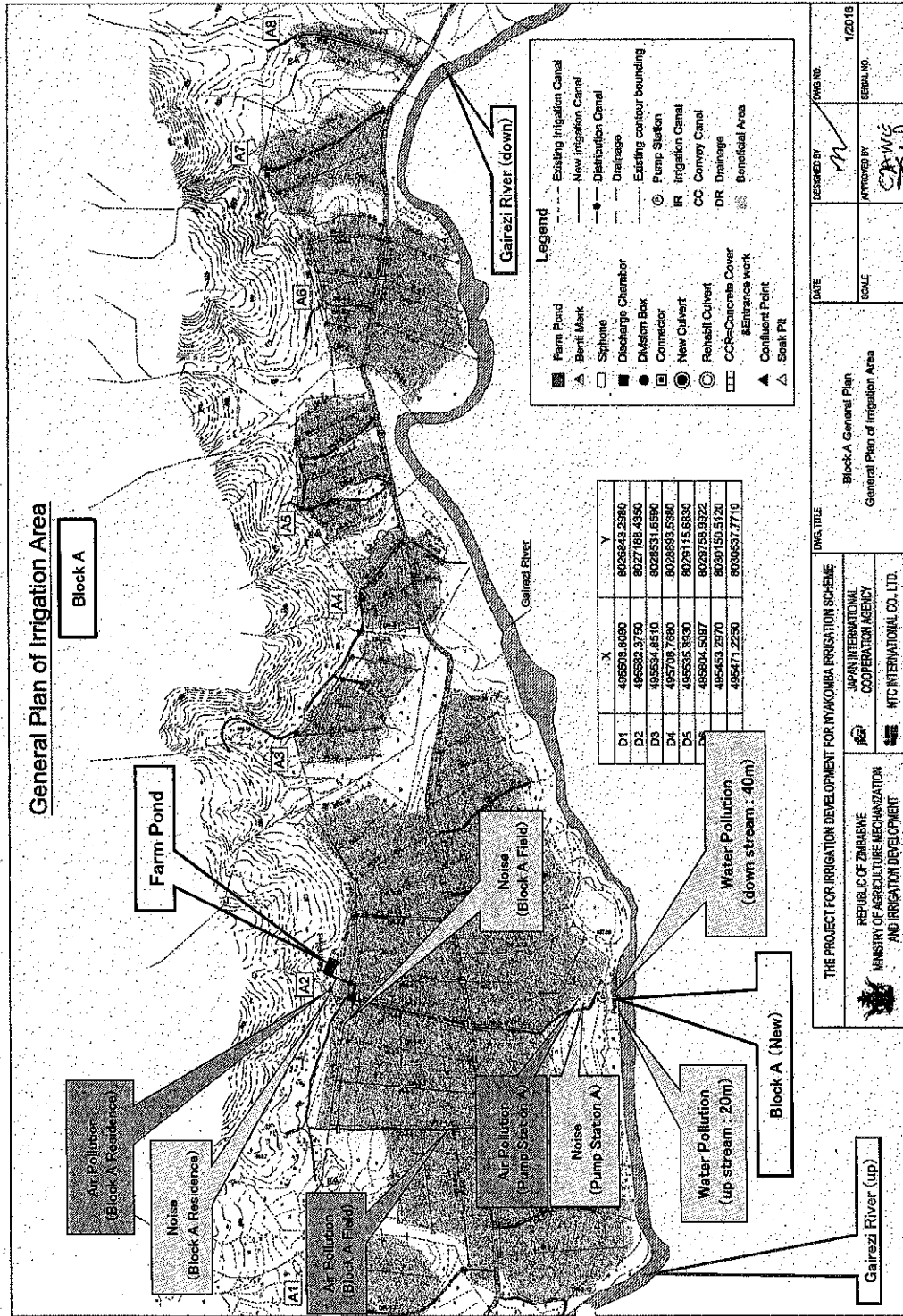
Item	Measuring Place	March, 2018																															Remark	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Air Pollution	Block A Pump Station	A	A				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A: No Air Pollution B: Probable Polluted C: Polluted by Visual Observation
	Block A Field	A	A				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
	Block A Residence	A	A				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
	Block B Pump Station	A	A				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
	Block C Pump Station	A	A				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
	Block D Pump Station	A	A				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
Water Pollution SS	Block A (Down - Up)	2	1				2	0	8	5		4	18		1	0		1	1	3	0	1	6	5	0	2	1	2	1	2	10			Gairezi River Less than 25 mg/L
	Upstream	67	65				7	8	57	32		85	60		10	37		18	3	9	14	11	3	11		7	11	9	118					
	Downstream	69	66				9	8	65	37		89	78		11	37		19	4	12	14	12	9	16		9	12	11	128					
	Block D (Down - Up)	1	1				0	1	9	1		3	8		2	1		0	3	1	1	0	-1	2	0	-2	0	1	5					
	Upstream	56	58				3	5	21	7		117	39		20	9		14	12	6	17	3	7	18		4	3	7	100					
	Downstream	57	59				3	6	30	8		120	47		22	10		14	15	7	18	3	6	20		2	3	8	105					
Maximum Noise	Block A Pump Station																																	Less than 65dB Measure at work boundary
	Block A Field	50.0	46.0				45.1	52.3	55.5	47.0		47.7	51.8		57.1	54.4		46.6	50.5	60.9	61.2	48.4	49.7	57.4		53.4	53.6	60.7	57.4					
	Block A Residence	48.2	44.0				47.8	55.4	47.7	49.7		52.7	50.0		46.8	47.0		45.5	48.5	47.5	50.7	47.0	45.5	50.4		50.2	51.3	45.4	47.1					
	Block B Pump Station	48.3	4.0				52.4	51.1	41.5	50.1		49.8	47.5		47.2	50.6		50.4	50.7	50.3	47.8	45.7	50.2	49.4		47.8	45.5	51.4	50.3					
	Block C Pump Station	53.0	48.0				45.1	60.1	51.7	53.1		48.0	52.7		49.8	54.4		44.7	49.6	71.2	49.7	46.7	54.4	62.4		42.6	46.8	46.0	51.8					
	Block D Pump Station	55.0	49.0				19.9	45.7	45.2	55.5		50.6	49.0		53.7	49.7		48.5	53.2	45.2	46.7	45.6	49.5	51.7		62.7	47.6	47.8	53.7					

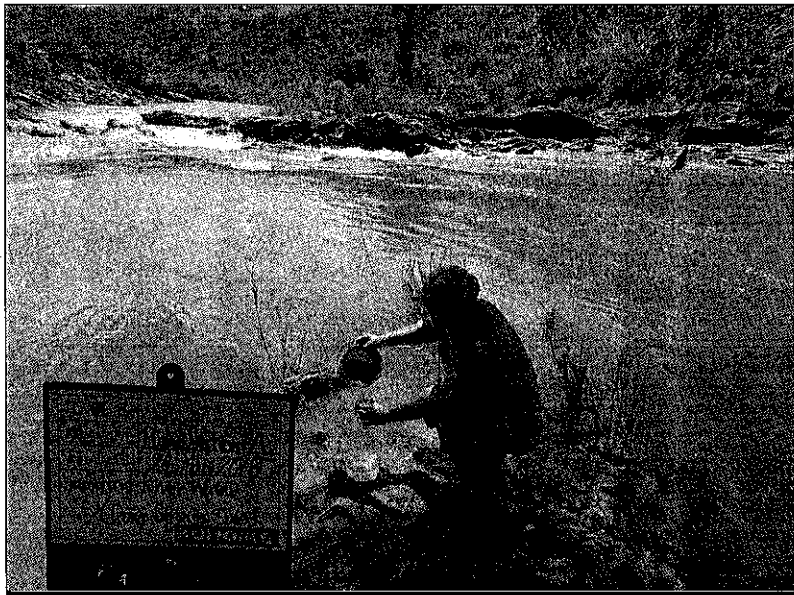
Block A	(Ave.)	3.8 mg/L	(Max.)	18.0 mg/L
Block D	(Ave.)	1.9 mg/L	(Max.)	9.0 mg/L

Pump A	(Ave.)	52.7 dB	(Max.)	61.2 dB
Field A	(Ave.)	48.5 dB	(Max.)	55.4 dB
Resid. A	(Ave.)	46.8 dB	(Max.)	52.4 dB
Pump B	(Ave.)	51.5 dB	(Max.)	71.2 dB
Pump C	(Ave.)	48.7 dB	(Max.)	62.7 dB
Pump D	(Ave.)	45.9 dB	(Max.)	51.5 dB

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Location of Environmental Monitoring





Water Pollution
(Pump Station A : down stream)

Monitaring

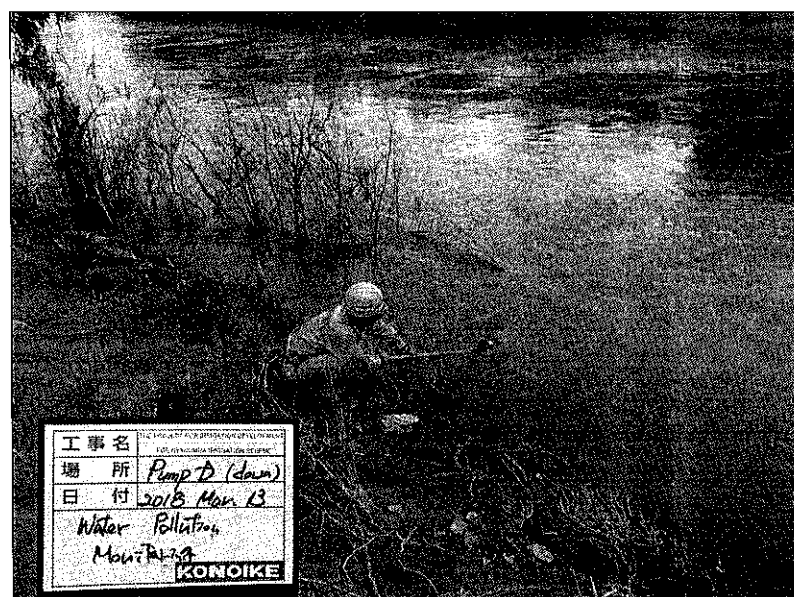
24/Mar/2018



Noise & Air Pollution
(Pump Station B)

Monitaring

24/Mar/2018



Water Pollution
(Pump Station A : up stream)

Monitaring

13/Mar/2018

工事名	河川環境調査事業
場所	Pump A (down)
日付	2018. Mar. 13
Water Pollution Monitoring	
KONOIKE	

Nyamora clinic

Box 4

Nyamora

3 May 2017

The Site Manager

Masamba Construction Company

Nyikombi Irrigation Scheme

Dear Sir / Madam

RE: Recommendations following disposal of cullits

Recommendations have been made to Masamba construction company to incinerate cullits at Nyamora clinic incinerator or at Nyikombi / Chetabo clinic incinerator.

This is to fulfil the requirements of Environmental Management Act chapter 20.22 section 63 sub-section 2 which prohibits Air pollution, and section 63, sub-section 1 which prohibits against littering.

Your cooperation in this regard is highly appreciated

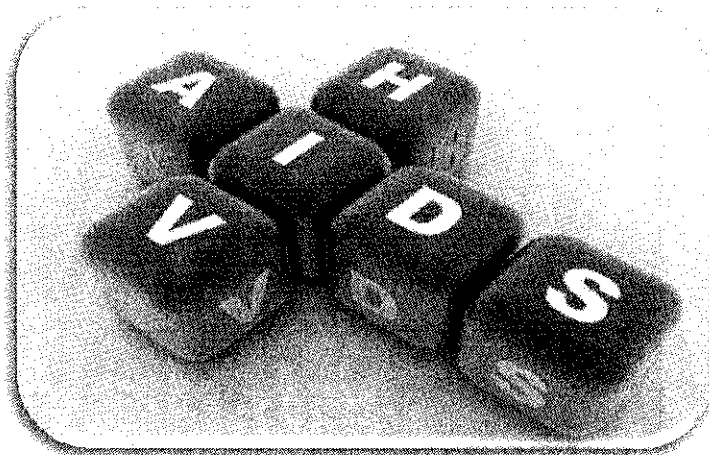
Yours faithfully

Theresa

Theresa Masamba (EHT ward 11 & 12)

02/05/17

Psychosocial problems of HIV patients



Stigma as a cause of Psychosocial Problems

Psychosocial problems arise from the interaction of social factors and individual thoughts and behavior. Stigma is one major contributor of such problems, by definition it is known as shame and disgrace that result from prejudice associated with something regarded as socially unacceptable. Stigma around HIV includes certain words, beliefs and actions that have negative meaning for those at high risk for getting HIV or those already living with HIV.

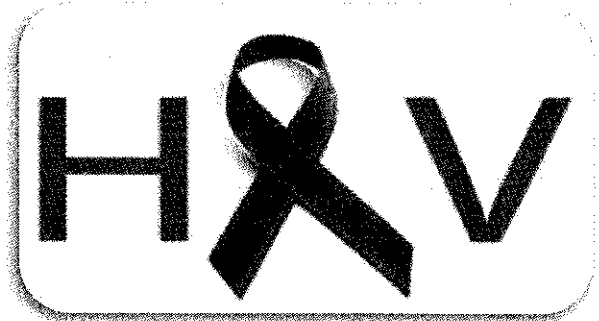
A few examples that lead to stigma include:

- Referring to people as Positives.
- Believing that only certain groups of people can get HIV (homosexuals).
- Refusing casual contact with someone living with HIV.
- Making moral judgments about people who take steps to prevent HIV transmission.
- Socially isolating a member of a community because they are HIV positive.
- Refusal by a health care professional to provide high-quality care or services to a person living with HIV.

Ongoing stigma in our communities leads to perceived discrimination, fear and anxiety. It affects the emotional well-being and mental health of people living with HIV and prevents some from getting tested and treated for HIV.

Problems faced by people living with HIV/AIDS (PLWHA)

- **Uncertainty:** Feelings of insecurity have its origin in the fear from the upcoming future. People living with HIV/AIDS are more uncertain and are more concerned of the quality of life and life expectancy as well the treatment's outcome and the reaction of the society.
- **Fear:** Fear of HIV/AIDS is closely associated with fear of death. This is what most people suffering from HIV/AIDS are trying to fight by constantly running away from the idea of self-termination or by inventing a series of comforting ideas.
- **Grief:** This is another strong emotion that is closely linked to loss. HIV/AIDS positive patients often dive into sadness because of loss, they have experienced or the one they expect. Natural sadness results from unfulfilled dreams and plans and from the nearness of an inevitable end.
- **Hopelessness and helplessness syndrome:** This includes elements of giving up and leaving. It negatively impacts the patients as they may end up not taking their medication leading to serious health deterioration.
- **Guilt:** Diagnosis of HIV/AIDS infection often brings feelings of guilt from the possibility of infecting the other people or from the previous way of life which led to the infection.
- **Denial, anger, aggression and suicide attempts:** Some people react to news about their HIV/AIDS status by denying it. For some of them, such refusal may present a constructive way to handle the shock of the diagnosis. However, if this



- condition persists the denial can become unproductive, because these people refuse also the social responsibility associated with HIV positivity. Anger and aggression are typical aspects which accompany people in situations of bereavement. Some individuals become angry and aggressive. They are often very upset about their fate. Anger can sometimes escalate into self-destruction: suicide.

How to combat Psychosocial problems

- Developing guidelines and training for psychosocial care. Psychosocial support should be specifically included in organizational guidelines for the management of HIV/AIDS.
- Developing services for HIV infected employees. Assess what mental health and supportive services are available at both the governmental and non-governmental level that could be strengthened or replicated. Assess what additional services are needed.

Stay well until next

Wednesday#TeamMasimba