

Sappi Licence Advisory Forum (LAF)

Minutes of Meeting held at 14:00 on Thursday, 20 May 2010 at the Italian Club, Umkomaas

Present

(as per attendance register)

Mr Derek Airey (DA)	Sappi Saiccor
Ms Judy Bell (JB)	WESSA
Mr Gary Bowles (GB)	Sappi Saiccor
Mr Paul Buchel (PB)	Ezemvelo KwaZulu Natal Wildlife
Mr Andy Cobb (AC)	PUGASA / Coastwatch
Ms Zelda Schwalbach (ZS)	Sappi Saiccor
Mr Greg Taylor (GT)	Sappi Saiccor
Mr Raj Philip (RP)	Department of Water Affairs
Craig Daniel (CD)	Sappi Saiccor

Secretariat

Mr Rod Bulman (RB)	Phelamanga Projects
Ms Carine Jones (CJ)	Phelamanga Projects

Apologies

Mr Santosh Bachoo (SB)	KZN Ezemvelo Wildlife
Mr Mike Bentley (MB)	Umkomaas Tourism
Mr Mickey Sadler (MS)	Private
Ms Nicolette Demetriades (ND)	Marine & Estuarine Research
Ms Di Dold (DD)	WESSA
Ms Lisa Guastella (LG)	UCT / BCRE

ACTION

1. WELCOME, INTRODUCTION & APOLOGIES

RB welcomed everyone to the meeting and thanked them for attending. The attendance register was in circulation and members were asked to check that their contact details were correct. He introduced his new assistant, Carine Jones, as well as Gary Bowles and Greg Taylor from Sappi.

2. APOLOGIES

Noted above.

3. ACCEPTANCE OF AGENDA

The agenda was accepted with the following amendment in item 4.2: DS was responsible and not DA.

4. MINUTES OF THE PREVIOUS MEETING HELD ON 18 FEBRUARY 2010 AND CONFIRMATION THEREOF

The minutes were confirmed with the following comment 4.1 ASBOA to read ASCBOA. The minutes were duly signed as a true reflection of the meeting.

5. MATTERS ARISING FROM THE MINUTES

5.1. DWA analysis results

Refer to item 6.

5.2. Dive visibility graphs

Debbie Smith was not present to report on this request for divers to provide details of colour and temperature. Matter to be carried over to the next meeting.

5.3. License Compliance

1. Water containing waste to river 100 % (no flow other than rainfall)
2. Water containing waste to sea 99.68 % (•2 suspended solids (Feb &

DA to forward information on causes

Mar)Complaints – No complaints (See dive graphs for verbal reports).
The question was raised as to the causes of the suspended solids? DA said that he didn't know what the causes were and would send the information to members after the meeting.

ACTION
of suspended solids

5.3.1. License Compliance – DWA Samples

22-Feb-10	Saiccor	DWA	Limits
TDS (mg/l)	12478	17190	20000
Lignin	3741	-	6000
COD (mg/l)	19212	14600	24000
Turb (NTU)	277	-	-
pH	3.2	3.1	2 - 8
SS (mg/l)	399	556	800
Colour (Hazen units)	2000	-	3500
Cond (mS/m)	387.3	4.4 (?)	-

3-March-10	Saiccor	DWA	Limits
TDS (mg/l)	5078	6590	20000
Lignin	4487	-	6000
COD (mg/l)	18971	7260	24000
Turb (NTU)	321	-	-
pH	3.7	3.6	2 - 8
SS (mg/l)	710	758	800
Colour (Hazen units)	2500	-	3500
Cond (mS/m)	288.7	333	-

25-March-10	Saiccor	DWA	Limits
TDS (mg/l)	16006	21140	20000
Lignin	3919	-	6000
COD (mg/l)	20823	23625	24000
Turb (NTU)	280	-	-
pH	3.3	3.2	2 - 8
SS (mg/l)	404	955	800
Colour (Hazen units)	2000	-	3500
Cond (mS/m)	432.6	488	-

In the ensuing discussion the following was noted:

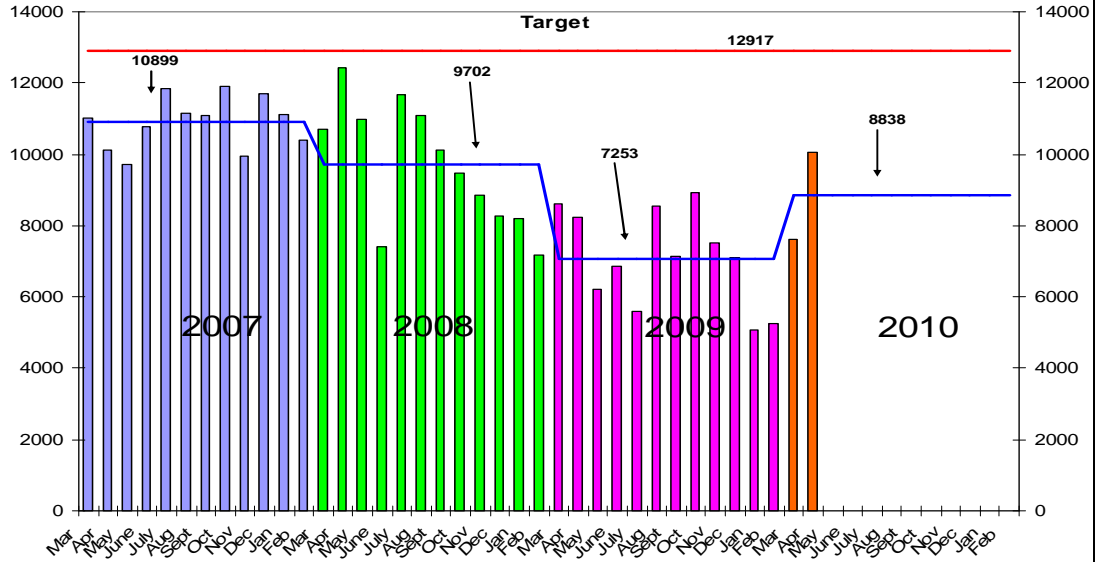
1. Incorrect units.
2. See if discrepancies in results are the same all the time and graph them with time.
3. COD huge. Extra samples were taken.
4. Trying to work with Laboratories: 3 laboratories with 3 sets of results to sort out the problems with discrepancies.
5. It was mentioned that with the UIC LAF, laboratories were not labeled and yet there were still discrepancies.
6. We should see graphs and trends by the next meeting. Still split sampling. Agree on error in sampling technique.
7. 25 March – presentation. Suspended solids. Lignin was the only one done with a different method due to SABS.

ACTION

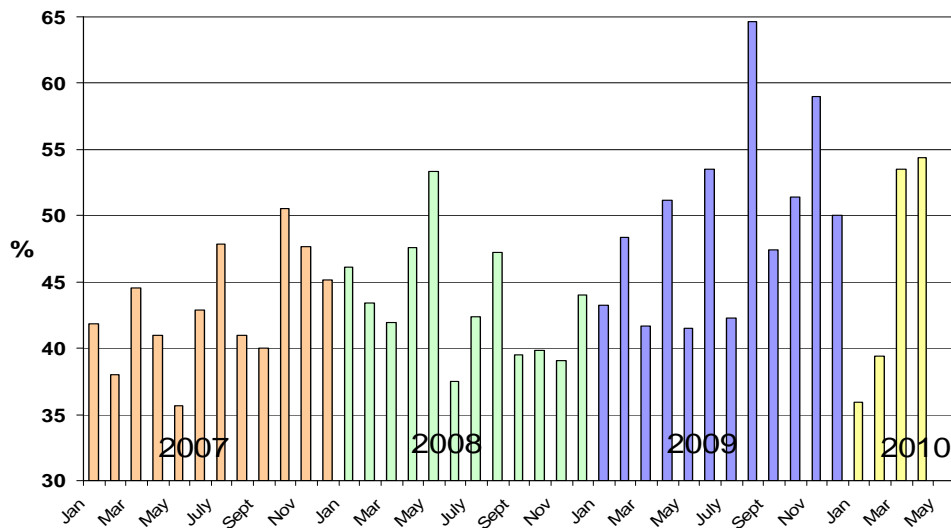
8. 22 April suspended solids close.

5.4. LignoTech Production

5.4.1. LignoTech Production (t/month)

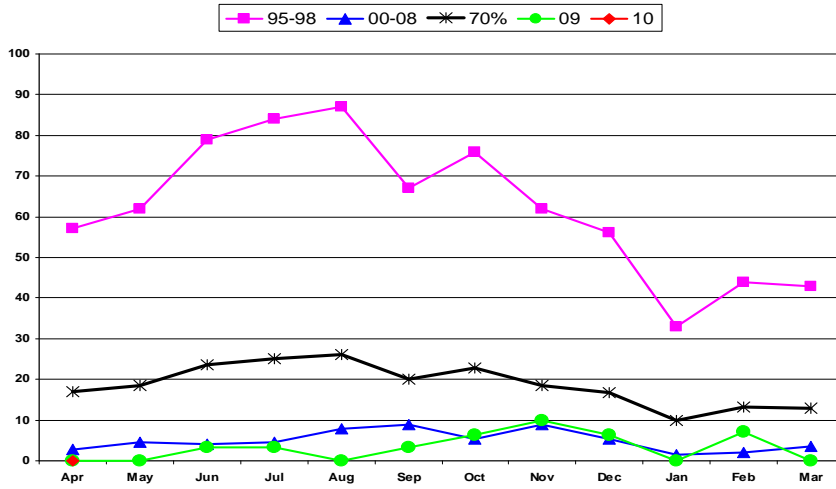


5.4.2. LignoTech production (% of Ca Prod)



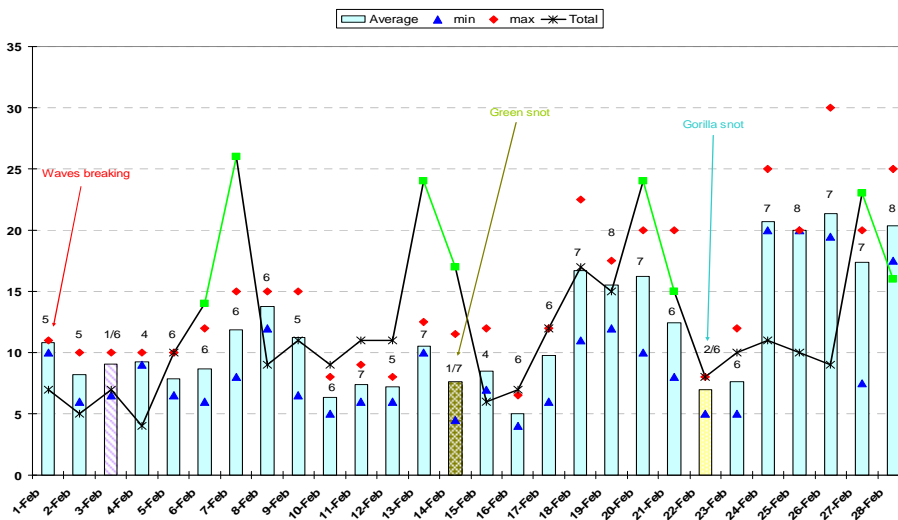
ACTION

5.5. Plume Visibility

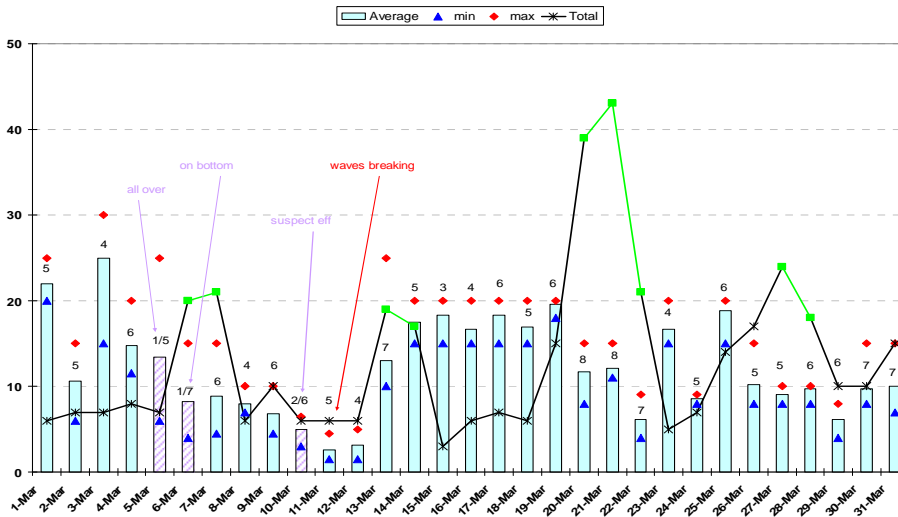


5.6. Dive Visibility Graphs

5.6.1. Dive graph for Feb (vis. in m) 2010

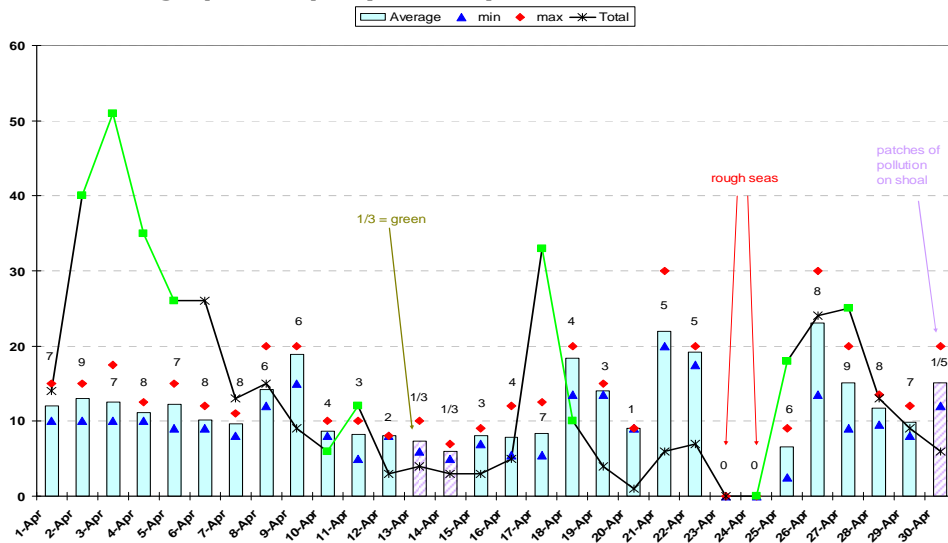


5.6.2. Dive graph for March (vis. in m) 2010



ACTION

5.6.3. Dive graph for April (vis. in m) 2010



5.6.4. Discussion on Dive Visibility Graphs

In the ensuing discussion of the notes "green stuff" and "Gorilla snot" it was noted that:

- This is a natural phenomenon.
 - There are no nitrates or phosphates in the effluent.
 - Dr Alan Connell would be asked to provide an opinion on this matter.
1. Green water could be due to cold temperature.
 2. April graph. No questions.

6. LICENSING

The issue of sea outfall licenses was discussed at length in which the following was noted.

1. Marine and Coastal Management had taken over licensing of sea outfalls, who probably won't do the review. All enquiries need to go to Marine and Coastal Management.
2. In terms of the licence itself, RP couldn't bring the licence as it is not signed yet. The LAF regarded this as very worrying.
3. The LAF expressed concern over who will be the provincial representative of MCM, and what interim arrangements should be made.
4. At meeting to discuss the handover MCM were adamant that DWAF shouldn't be involved. Local and Provincial Government would not have authority to deal with issues. It is not known if they will have an office locally.
5. RP stated that he will still be involved in the interim.
6. There should not be any changes to the way the LAF runs in terms of the constitution.
7. It was agreed to write a letter to MCM requesting them to send a representative to the next meeting.
8. Sappi-Saiccor agreed to write seeking guidance as to how they will be impacted. The more pressure put on them the better.
9. Judy Bell undertook to investigate sending letter to the minister from Coastwatch.
10. As from 9 December 2010, all matters should go to MCM.

7. RESERVOIR

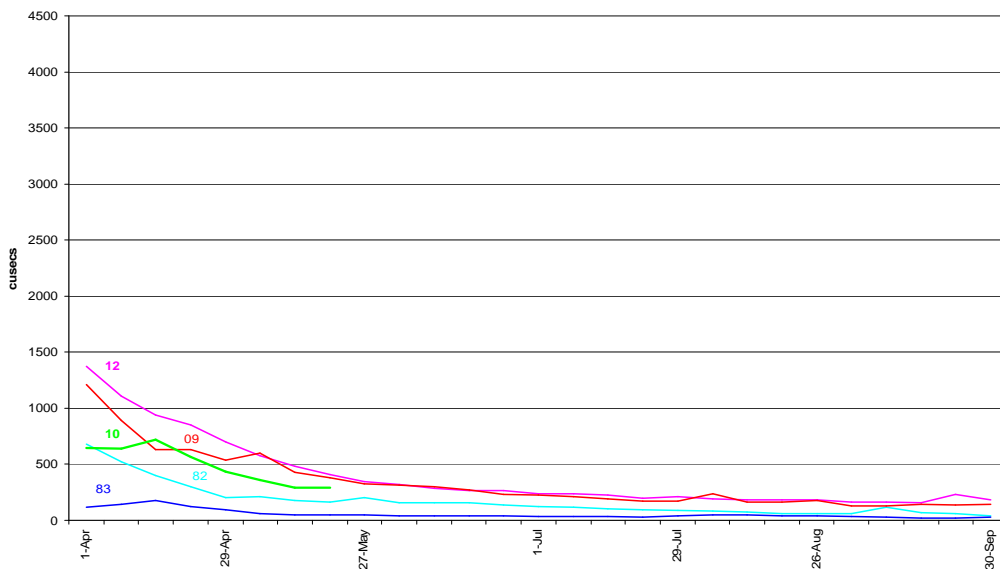
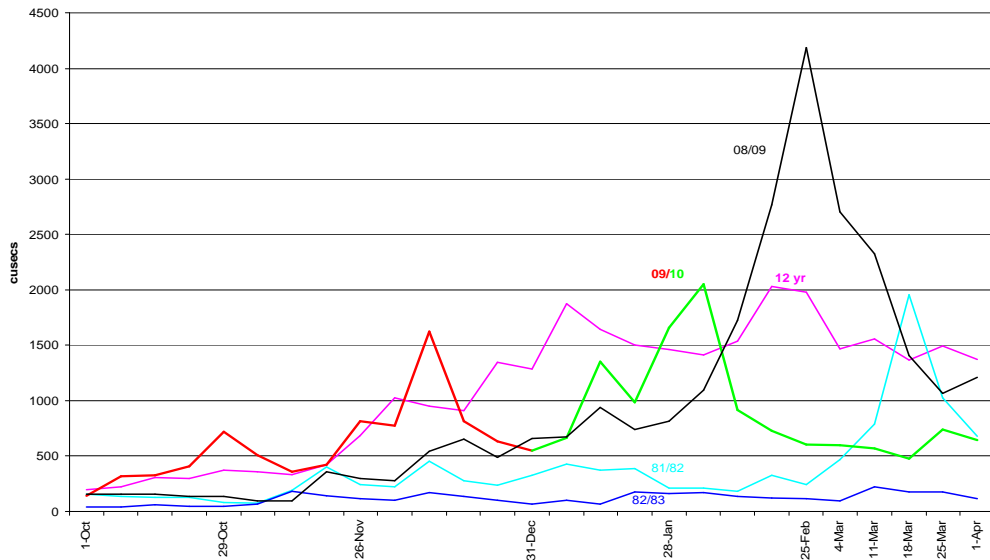
After discussion it was agreed to take this item off Agenda until there is something to report. The LAF have been notified about extension for the next 5 years.

RB to write to MCM
Sappi to write to MCM
JB to ask Coastwatch to write to Minister

CJ to take off agenda

ACTION

8. MKOMAZI RIVER FLOW



8.1. Discussion of River flow

It was noted that:

1. The green line starts in January 2010.
2. Sitting below average at this point in time.
3. The Estuarine Report had been dealt with in previous meetings and had been attached to the minutes two meetings ago.
4. Flow currently down to about 250 cusecs.

9. LETTER TO DWAF

Craig will copy members once the letter is finalised.

10. CORRESPONDENCE

10.1. Letter to Mr Gary Bowles

A response having been received GB was invited to speak to the response.

1. GB said this issue had taken a long time and he now hoped they had a final solution to sorting out the leak.

CD to circulate

