

Jim Lane's Field Notebooks Index Contd.

(Revised Index of 07/6/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_50	50	(10-07-2004 / 17-09-2004)
JL_(1992 on)_51	51	(17-09-04 / 24-10-04)
JL_(1992 on)_52	52	(14-10-04 / 26-11-04)
JL_(1992 on)_53	53	(13-12-04 / 21-01-05)
JL_(1992 on)_54	54	(29-01-05 / 17-02-06)
JL_(1992 on)_	(04-11-2004 / 20-03-2005) <u>WNP Only **</u>	
JL_(1992 on)_	(20-03-05 / 02/03/06) <u>WNP, AFB, etc. Only</u>	
JL_(1992 on)_	(05-03-06 / 16-06-06) <u>SRNP, WNP, etc. Only</u>	
JL_(1992 on)_	(18-06-06 / 08-10-06) <u>WNP Only</u>	
JL_(1992 on)_	(15-10-2006 / 08-03-2009) <u>WNP, etc. Only</u>	
JL_(1992 on)_55	55	(18-02-2006 / 15-02-2007)
JL_(1992 on)_56	56	(19-02-07 / 31-08-08)
JL_(1992 on)_57	57	(31-08-08 / 09-11-08)
JL_(1992 on)_58	58	(20-11-08 / 16-01-09)
JL_(1992 on)_59	59	(16-01-09 / 21-05-09)
JL_(1992 on)_60	60	(15-05-09 / 05-01-10)
JL_(1992 on)_61	61	(12-01-10 / 08-11-10)
JL_(1992 on)_62	62	(14-09-10 / 17-09-11)

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_63	63	(05-10-2011 / 11-09-2012)
JL_(1992 on)_64	64	(12-09-12 / 22-09-13)
JL_(1992 on)_65	65	(02-11-2013 / Current)

THE END (AS AT 07/06/2014)

The total number of field notebooks as at 07/6/2014 is 1 (1969-70), plus 21 (1970-84), plus 66 (1992 on), equals 88 work notebooks, plus 5 un-numbered personal notebooks (2004-2009), equals 93.

* It seems unlikely that JL did not create field notes between Oct 1984 and Nov 1992 (an eight-year gap in this series). Perhaps there are notebooks that have yet to be rediscovered (as at 07/6/2014) or perhaps JL's field notes during this period were incorporated at the time into the relevant project files (JL has a vague recollection of doing this at some stage).

** These five un-numbered notebooks (Nov 2004 to March 2009) were created in parallel (i.e. overlap chronologically) with the numbered series and were principally of personal rather than work field activities (bush walks). They have therefore not been included in the numbered series.

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JL_(1969-70)_1	'1969-70'	(Nov 1970 / Jan 1970)
JL_(1970-84)_1	1970-71	(6-12-70 / 17-2-71)
JL_(1970-84)_2	1971	(08-03-71 / 21/01/72)
JL_(1970-84)_3	1972/73	(24-01-72 / 15-02-73)
JL_(1970-84)_4	1973	(05-03-73 / 15-11-73)
JL_(1970-84)_5	1973-74	(12-04-73 / 11-06-74)
JL_(1970-84)_6	1973-74	(03-12-73 / 28-03-74)
JL_(1970-84)_7	1974-76	(03-05-74 / 24-10-75)
JL_(1970-84)_8	1974	(26-05-74 / 18-11-74)
JL_(1970-84)_9	1974-76	(28-08-74 / 02-10-76)
JL_(1970-84)_10	1974-76	(21-12-74 / 25-01-75)
JL_(1970-84)_11	1976	(25-10-76 / 27-11-76)
JL_(1970-84)_12	1977-78	(16-10-77 / 21-03-78)
JL_(1970-84)_13	1977-78	(24-10-77 / 19-04-78)
JL_(1970-84)_14	Oct 78-Apr 79	(06-10-78 / 14-04-79)
JL_(1970-84)_15	1979 (Apr-Sep)	(16-04-79 / 19-09-79)
JL_(1970-84)_16	1979-80	(26-09-79 / 23-05-80)
JL_(1970-84)_17	1980	(14-05-80 / 07-11-80)

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1970-84)_17A	1980-81	(01-12-1980 / 15-11-1981)
JL_(1970-84)_18	1982-83	(13-03-82 / 18-03-83)
JL_(1970-84)_19	1984	(15-03-84 / 16-03-84)
JL_(1970-84)_20	1984	(20-09-1984 / 10-10-1984)*
JL_(1992 on)_1	1	(03-11-1992 / 03-08-1993)*
JL_(1992 on)_2	2	(04-08-93 / 18-09-93)
JL_(1992 on)_3	3	(18-09-93 / 26-10-93)
JL_(1992 on)_4	4	(27-10-93 / Dec-93)
JL_(1992 on)_5	5	(14-12-93 / 22-12-93)
JL_(1992 on)_6	6	(23-12-93 / 06-01-94)
JL_(1992 on)_7	7	(18-01-94 / 18-03-94)
JL_(1992 on)_8	8	(21-05-94 / 08-07-94)
JL_(1992 on)_9	9	(03-07-94 / 02-09-94)
JL_(1992 on)_10	10	(02-09-94 / 17-11-94)
JL_(1992 on)_11	11	(22-11-94 / 9-03-95)
JL_(1992 on)_12	12	(15-03-95 / 01-04-95)
JL_(1992 on)_13	13	(02-04-95 / 07-04-95)
JL_(1992 on)_14	14	(07-04-95 / 29-04-95)

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_15	15	(29-04-1995 / 17-05-1995)
JL_(1992 on)_16	16	(18-05-95 / 18-12-95)
JL_(1992 on)_16A	16A	(08-11-95 / 11-11-95)
JL_(1992 on)_17	17	(21-12-95 / 19-06-96)
JL_(1992 on)_18	18	(19-06-96 / 03-08-96)
JL_(1992 on)_19	19	(23-09-96 / 17-03-97)
JL_(1992 on)_20	20	(18-03-97 / 15-04-97)
JL_(1992 on)_21	21	(16-04-97 / 12-06-97)
JL_(1992 on)_22	22	(12-06-97 / 03-10-97)
JL_(1992 on)_23	23	(Oct 97 / Dec 97)
JL_(1992 on)_24	24	(20-12-97 / 10-01-98)
JL_(1992 on)_25	25	(10-01-98 / 22-01-98)
JL_(1992 on)_26	26	(22-01-98 / 13-02-98)
JL_(1992 on)_27	27	(14 -02-98 / 21-03-98)
JL_(1992 on)_28	28	(30-03-98 / 20-05-98)
JL_(1992 on)_29	29	(23-05-98 / 28-08-98)
JL_(1992 on)_30	30	(15-09-98 / 24-12-98)
JL_(1992 on)_31	31	(24-12-98 / 28-01-99)

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_32	32	(28-01-1999 / 29-06-1999)
JL_(1992 on)_33	33	(03-07-99 / 25-11-99)
JL_(1992 on)_34	34	(25-11-99 / 10-03-2000)
JL_(1992 on)_35	35	(29-03-00 / 04-09-00)
JL_(1992 on)_36	36	(05-09-00 / 19-01-01)
JL_(1992 on)_37	37	(20-01-01 / 02-03-01)
JL_(1992 on)_38	38	(06-03-01 / 15-04-02)
JL_(1992 on)_39	39	(21-04-02 / 02-07-02)
JL_(1992 on)_40	40	(12-12-02 / 04-03-03)
JL_(1992 on)_41	41	(05-03-03 / 25-04-03)
JL_(1992 on)_42	42	(03-05-03 / 11-10-03)
JL_(1992 on)_43	43	(25-10-03 / 30-11-03)
JL_(1992 on)_44	44	(30-11-03 / 27-12-03)
JL_(1992 on)_45	45	(28-12-03 / 31-01-04)
JL_(1992 on)_46	46	(31-01-04 / 27-02-04)
JL_(1992 on)_47	47	(29-02-04 / 13-03-04)
JL_(1992 on)_48	48	(14-03-04 / 10-04-04)
JL_(1992 on)_49	49	(12-04-04 / 10-07-04)

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



TACTICAL NOTEBOOK

Shirt Pocket No. 835



Jan 2010 - Nov 10

NAME

N°61

REMARKS

OPEN DATE

CLOSE DATE

Water Corps

Contact No. for
florida 10

131375

(3)

At 1803 hrs on Tues.

12 January 2010 I

opened (from 0%) the
Hammings Fish Lake
Pond to 25% to
give any fish present
an opportunity to move
downstream. Water flowed
in.

At 1812 hrs on 12/01/10

I reduced the opening of
the Veasey Creek Fish Lake
Pond from 25% to 10%.

At 1833 hrs - On Tues 12/01/00 ⁽⁴⁾
I closed (from 25%) the
Homage floodgate Fish Gate
Penstock.

Thurs 14 January 2000
Chardale Swamp

Estn LPS 823

at 1005 hrs at Gauge 3^{up}

which reads 0.335 m

but not 874 877 (5)

Walked clockwise around
water edge, establishing

WPTs 823 - 999 as
and 001 - 100

I went. Last WPT (100)

↳ back at gage 'B', which

read 0.335 m at ~~1310~~

1310 hr. "Photo taken
of gage 'B'"

- Two Tfr snakes - saw 1st
in advance. Heard 2nd behind
me after probably stepping over it.
- Distance walked 5.0 km (GPS)
- Stinking hot! (39-40°C)
- WPTs 935 + 936 are as
far up the NE creek

(6)

as I walked. It was
gently flowing into Charlotte
Swamp.

- The "line" that I walked
was the outermost (landward
most) edge of the inundated
area of the swamp. Within
this line were many columns,
mostly around the base
of trees and groups of
trees.

- There were very very many
small fish (1-2cm? fry?)
everywhere in the shallows.

Waypoints still
available

101-323 (223 WPTS)

332-822 (491 WPTS)

714 WPTS

plenty to do McCarty Lake
on Fri 15/01/10

~~Warming string flange~~

Warming string flange
on Fri 29 Jan 2010

Opened hot gas Relief from
0% to 6.0% to raise water level
at approx 2130 hrs

8

Monday 01 Feb 2010

at Verne estuary floodgate
at 1012 hrs up's level
is approx - 0.09 m

d/s is negligible. 59.2%
of gen.

Flood gate is partially closed.

Who by? When? Why?

at 1016 hrs I opened it to
100%. and opened the
Verne Floodgate Penstock
from 0% to 10%.

Water started flowing out

(9)

Very gently:

Qt 1027 hrs on Mon
01 Feb 2010 I opened
the Vanning Test Gate
Pond from 6 $\frac{1}{2}$ to
25% to raise the
water level so fish
(medium sized mullet - hundreds
swimming in the shallows at
the floodgates) have an
opportunity to escape.
Water level is approx
2cm below flood plate of
open fish gate.

(10)

Lomax Inlet mouth at
1045 hrs on ~~Mon 02~~
Mon 01 Feb 2010 is
open and water is
flowing in.

Vase colony floodgate
water level up's
at 1117 hrs on Wed 03
Feb 2010 is

$$0.70 - 0.81 = -0.11 \text{ m AHD}$$

(11)
Vase estuary floodgates
water level dips at:

1133 hrs on Wed 03 Feb 2010

to $0.70 - 0.83 = -0.13$ m
AHD

Water flowing gently out
through Fish Gate.

The cable of the huvise
Fly Gate (Vase estuary)
had been damaged with,
holding this gate part
open. I closed it.

Wonnags Estuary floodgate ⁽¹⁸⁾
water level on d/s a

made at 1150 hrs on Wed 02 Feb 2010 :

0.50 - 0.88 = -0.38 m AHD

Water level d/s at

1158 hrs is

0.70 - 0.82 = -0.12 m AHD

Water flowing in through
fish gate.

At 1208 hrs I reduced
the opening of the Wonnags

(N2)

Red Tide Penstock from
26% to 50.7%.

Hopefully this will just
keep up with ~~the~~
evaporation and
maintain a steady
level.

Wed
Today 02 Feb 2010 is
the day that I marked
water level measuring
lines on the walls of
the flumes with spirit
level and permanent
marker

(14)

$3'' \times 7\frac{1}{2}'' - 8\frac{1}{2}''$

$\times 70 - 71''$ long

"
" V5 engraved in
face of each board.

Wen Wed 02 Feb 2010

Measurements of ship boards
in sample of dtd ($\rightarrow$ 2004)
floatboards ~~also~~ displayed
at Butter Factory Collection
in Burlington.

(16)

Vessel entering floodgates
at 1350 hrs on

Sun 07 Feb ~~2010~~ 2010

Clear Forward +
Ken Noyette

Dead fish w/s

Cable of Reverse Flaps gate
wrapped around lower
hinge of cable "shield"
and RFG slightly open.
Fish trapped in the RFG
entrance.

(17)

Fog Gate Penstock has
been wound up by
approx 20 cm (was
closed when I last
visited).

At 1405 hrs I opened
the ~~the~~ Propped Gate Penstock
to let the trapped fish
out (a/s) (after releasing
the Reverse Fly Guy cable -
Water flowed in) with

(18)

The pressure on the
d/s side of the Reverse
Flow gate.

The Fish gate was only
49.4% open. WHY?
WHO BT? WHEN? It
was last left at 100%
open by me. At

1412 hrs I opened this
gate to 100%.

At 1416 hrs I opened
the Fish gate Penstock (from 0%)
to 10%. WHO CLOSED IT?
WHEN? WHY?

Water level up's at Vesse (19)
Estuary floppies at 1440 hrs
on Sun 07 Feb 2010 is
 $0.70 - 0.835 = -0.135$
m AHD

L/S level at 1445 hrs
is $+0.28$ m AHD

I phoned Shale Wide Fish
Hk N^o, Baring Island
(DOW) N^o, Telstra and
then Baring Island (DOW)
N^o again, between 1400 hrs
and 1445 hrs - check
my mobile for exact time

(20)

I left minnows on both
crossing midline along
them to the fish with
of at least scores of fish

Had Cleve & Ken do a
count of dead fish.

Wannys estuary phosgene
water levels at 1500 h

on Sun 07 Feb 2010 are

+ 0.29 m w/s

and

0.50 - 0.90 s - 0.40 m AHH
w/s

Water is flowing in from (21)
the Fish gate. ~~By~~ Very
little fish activity up/s and
very few birds.

~~Check~~ Checked setting of
Fish gate Penstock. It is
still 50.7 % open.

Clear Forward walked the
southern shore of Verre
along exit channel to
count dead fish.

She counted 148 dead



(22)

fish, 6 dead swans (black).

and 1 live Tyto bathe

in the water. Spoke

to guy who collected

20 dead fish

from the lagoon. These
included 2 dead mullet.

The 148 were all brown.

Only 1 ~~of~~ dead fish every
30-40 m beyond split
in east channel (just
beyond lagoon on south
side). Fish activity at the

(23)

surface all the way.

Jumping out of water, and
burying on side. When
beak inserted at this time
of day.

Verse estuary up's water
level at 1913^{hr} on Sun 07
Feb 2010 is

$$0.70 - 0.79_{\frac{1}{2}} = -0.10_{\frac{1}{2}} \quad \text{on AHH}$$

At 1915 hrs I opened
the Endgate Proctor from 10% to 100%

(24)

and closed the Poyper
gate Penstock. Water
flowed in strongly through
the Fish gate.

Lower Inlet north
gate end water flowing
out at 1945 hrs on
Sun 07 Feb 2010

Chris & Gordon Fleckman
in lost grey house.

John Philip & Beverly
cognate
FOUNDA

(25)

Varie strong floodgate
water level up

at 0725 hrs on
Mon 08 Feb 2010 is

$$0.70 - 0.82 = -0.12 \text{ m (AHD)}$$

and water level d/s

$$\text{is } 0.70 - 0.81 = \text{~~-0.11~~} \\ = -0.11 \text{ m (AHD)}$$

↑ No wind - Fine - Warm.

Very gentle flow in.

(26)

Worms eating flange
under head cups

at 0742 hr

on mm 08 Feb 2010 is

$$0.50 - 0.885 = -0.385$$

A few fish flipping on up
side. Very few birds up

Vase eating flange
up under head cup

1242 hr on mm

08 Feb 2010 is

$$0.70 - 0.83 = -0.13 \text{ mAD}$$

(27)

At 1245 hrs on Mon

08 Feb 2010 I opened

the Propped Gate Penstock from
0% to 10% to raise the
water level up faster. ~~the~~

Vena flowgate up level
at 1940 hrs on Mon
is 08 Feb 2010

0.70 — 0.795 = 0.095
in H₂O

at 1942 hrs I closed
the Propped Gate Penstock

(28)

Very early floodgates
at 0740 hrs on Tues
09 Feb ~~2010~~ 2010
water level up

is
0.70-0.81 - - 0.11 m AHD.

water level d/s

is 0.70-0.80 - - 0.10 m AHD

water flowing gently in.

Fine, warm, & slight breeze

Ken - Don Serafino

More dead Sat. Dead Sun M

(29)

Lowery estuary floodgates

Water level off

at 0800 hrs on 14th 09/02/00

0.70 - 0.79 - 0.08

masts

Water level up to

0.50 - 0.89 - 0.39 masts

Water flowing in.

Many fish "fishing" beneath

the water at end near

the inflow. A light E bridge

c. 10 pels & other birds roosting

highway.

(30)

At 0803 hrs on Tues
09 Feb 2010 I installed
the opening of the Swamp
Fish Gate Penshelt from
5 to 15%.

Water level up at Vera
estuary floodgates at 1910 hrs
on Tues 09 Feb 2010 is
 $0.70 - 0.78m = -0.08m$ in tide
H₂O tide & water pouring in.
SW breeze (moderate)

Reduced opening of Fish Gate
Penshelt from 100% to 25%
to prevent water level rising
too high.

Horning at buoy up's level (31)
on Tues 09 Feb 2010 hrs
at 1928 hrs is

$$0.50 - 0.885 = -0.385 \text{ m (H.A.)}$$

River Fly gate has been
partially wide open by
someone wrapping the
cable around the winch
securely hoisting. Took
photos.

Vern at buoy floodgate water level
up's at 0736 hrs on
Wed 10 Feb 2010 is

$$0.70 - 0.80 = -0.10 \text{ m (H.A.)}$$

(32)

Water gently flowing in.
Light SW breeze

I collected the last 5
dead fish (brown) and
put them in the Shallow Box.

Water level up at Wamaga
during floodgates at 0810 hr
on Wed 10 Feb 2010

0.50 — 0.88 — 0.38 in (AHD)

Water flowing in. Some

fish activity up

Light S breeze. Fine. Warm.

(33)

Verse strong floodgates
up water level
on Wed 10 Feb 2010

21705 Lm was

$$0.70 - 0.78 = -0.08$$

I changed the position of
the staple at end of
Revere Pipe Gate cable
so that there is no
mechanical advantage via the
pulley. It is now a direct work

Wandering stray floodgates ^{water level} up
on Wed 10 Feb 2010

(34)

at 1750 km

$0.50 - 0.88 = -0.38$

mm

I did the same thing to
the RFG cable here as
I did earlier this
afternoon at the Vase
boring floodgates.

There is to make it
harder (ex harder) for
someone to raise the gate
, i.e. tamper with it.

I took photos of this at
the Vase floodgates.

Vern estuary flowgates
water level up at
0756 hrs on Thurs

(35)

11 Feb 2010 is

~~At~~

0.70 - 0.785 - - 0.095

Water gently flowing in.

in Attd

Womby estuary water level up
at 0807 hrs on

Thurs 11 Feb 2010 is

0.50 - 0.88 - - 0.38 in Attd

At 0812 hrs I reduced the
opening of the Port Jervis flowgate
from 15% to 5.7%

At 0818 hrs on Thurs 11

(36)

Feb 2010 I reduced
the opening of the Vase
Pump Gate Penstock from
25% to 15%.

^{Vase Estuary flumes}
At 0627 hrs on 12 Feb I opened
the Pump Gate Penstock
(not that I had to) and
the Vase Flume gate
to allow some of
the up/s surface oil
scum to flow out.

✓ Case when flaps up (37)
Water level at 0647 hrs on
Fri 12 Feb 2010

0.70 — 0.798 — 0.095
——— (m/s)

Water level up at 0649 hrs
0.70 — 0.80 — 0.10
——— (m/s)

and water is very gently
flowing out.

Fine - Warm - Calm.

Canoe race by locals is
held in exit channel
in Dec. each year (up)

of Vernon estuary flapjacks).

(38)

June - Nov or to tell
to Wang's Research Group

Wang's estuary water level
up/s at 0729 hrs
on Fri 12 Feb 2010
is

0.50 - 0.89 = - 0.39
in 2010

At 0740 hrs on Fri 12/2/2010
I closed the Vernon Bay gate
Pennock and Reverse Flow Gate.
(Just as flow started in).

Venue w/s

(39)

0856 hrs Sat 13/2/2010

0.70 — 0.79 = — 0.09 m/s

Water flow in

Wangji

0901 hrs w/s

0.50 — 0.875 = — 0.375

Mon 15/2/2010

John Lister found fishgate
closed (Vase)

(40)

Tues 16/2/2010

Ben McGowan (Water Log) rang.

Phone Message

1233pm Yarnie - Vase empty (fishgate)

1230pm

0.17 m of/s

- 0.07 m of/s

Wanga

of/s - 0.39

of/s 0.15

Fishgate fully open & water
gushing in.

16/2/2010

(41)

1256 pm - Yoonie's message

Martin Cornelius (Water
Camp)

0407478470

Womrings estuary floodgates
water level at 1019 hrs
on Mon 22 Feb 2010 are:

0.50 — 0.84 — 0.34
 m
 w/s

Water flowing in.

Moderate E. wind.

at 1023 hrs I closed the
Fish Gate penstocks.

(42)
Vermont estuary water
level at 1030 hrs
on Mon 22 Feb 2010

to
0.70 - 0.80 - 0.10 mms

Water flowing in.

US³
✓

At 0030 hrs on Sat
27 Feb 2010 I closed
the Vermont Bridge
Pierlock. (from 15% (?)

15%
75
25%

At 0030 hrs on Sat
27 Feb 2010 the

Lowering string of floats at (43)
2102 hrs on Wed 24 Feb 2010

I opened the Fishgate Penstock from
0% to 15%. Water flowing in
at 2110 hrs

0.50 — 0.925 — 0.42 m ^{up s}

and + 0.25 m ADD d/s

Verse string floats ^{V5??}
water level at 2119 hrs _✓
on Wed 24 Feb 2010 is

0.70 — 0.81 — 0.11 m ADD

I increased the opening of the
Verse Fishgate Penstock from 15%
to 25% at 2118 hrs. Water

Flowing in:

(44)

At 0028 hrs on
Sat 27 Feb 2010

I closed the Homing
First Rate Penstock (from
45%)

At 0035 hrs on Sat
27 Feb 2010 the w/s
level at the Vase during
flowing was

0.70 - 0.75 - 0.05 m
AHHH

Strong wind blowing.

I closed (from 25%) the

(45)

Vase Fish feed protocol:

Lowering shrimp water level
up to 1843 hrs on
Sat 27 Feb 2010 at

0.50 - 0.87 s - 0.37 m ~~AD~~

Light moderate E breeze

At 1845 hrs I opened the
Fish feed Protocol from 0%
to 50%, because of
the very hot weather.

Watched flowing in.

(46)

Venas estuary water level
up at 1856 hrs
on Sat 27 Feb 2010

was

$0.70 - 0.80_s = -0.105$
m AHD

At 1856 hrs I opened
the Fish Gate Pembek
(from 0%) to 10%

Water level up at Wanny
estuary floodgate at 0804 hrs
on Mon 01 March 2010 is

$0.50 - 0.90 = -0.40$ m AHD)
Water flowing in.

(47)

Very strong water level
up at 0810 hrs on Mon
01 March 2010 is

$$0.70 - 0.84 = -0.84$$

Light & breeze. Fine.
Warm.

Water flowing in.

At 0813 hrs I increased the
opening of the Freshwater
Penstock from 10% to 15%.

(48)

Womung Inlet mouth at
1040 hrs on Tues 02 March
2010 is open and
water is flowing in

Water level up at
Womung strong flood ebb
at 1048 hrs ^{on Tues 02/03/10} was
0.50 - 0.93 = -0.43 m (AHH)

Fine, hot, light SE breeze.
Water flowing in.
Fresh up.

At 1052 hrs I increased the
opening of the Fresh Gate Parabolic
from 5.0% to 15%.

Water level up at Vasse (49)
estuary floodgates at 1100 hrs
on Tues 02 March 2010 was
 $0.70 - 0.83 = -0.13$ m AHD

Water flowing in.

At 1103 hrs I increased
the opening of the first
gate Penstock from 15%
to 25%.

Water level up at
Womersley Estuary floodgates
at 1849 hrs on Wed 03
March 2010 is
 $0.50 - 0.90 = -0.40$ m AHD

Water flowing in
light is moderate S wind. (50)

Water level up's at
Vessel Wharf floodgates
at 1855 hrs on Wed
03 March 2010 is
 $0.70 - 0.80 = -0.10 \text{ m AHD}$
Water flowing in.

Wharfedale estuary floodgates
water level up's
at 1052 hrs on Sat
06 March 2010 is
 $0.50 - 0.89 = -0.39 \text{ m AHD}$
Water flowing in.

(51)

Water level up at Vene
estuary floodgates at 1059 hrs
on Sat 06 March 2010

is

0.70 - 0.34 - - 0.14 m(AHD)

(water flowing in)

At 1101 hrs I increased the
opening of the Vene cut gate
Pondgate from 25% to 30% ...
in order to ~~increase~~ raise the
Lewke level.

(52)

Worms rising water level
u/s at 1520 hrs on
Sun 07 March 2010 is

0.50 - 0.85 - 0.38 m (A100)

water flowing in

Fine Warm Light ~~to~~ NW
breeze.

Water level u/s at Verna
estuary floodgate on Sun
07/03/10 ~~at~~ at 1527 hrs
is 0.70 - 0.84 - 0.14 m
A100

(53)

Q# 1529 has on Jan
07 March 2010 I increased
the opening of the Valve
First gate bucket from
30% to 40% to raise
the water level up

Water level up of 10cm at
Womby estuary floodgate at
~~1736 hrs on 10 March 10~~

is 0705 hrs on Thurs

11 March 2010 is

$0.50 - 0.86 = -0.36 \text{ mH}_2\text{O}$

Water flowing in -
Fine & Calm.

(54)

Water level up's at
Vine along floatgates
at 0711 hrs on US
The 11 next 2010 is

0.70 - 0.84 = - 0.14 m²

Fine & Calm.

At 0714 hrs I increased
the opening of the Portgate
Penstock from 40% to 100%

At 0722hrs on The (55)
11 March 2010 the mouth
of Womags Inlet is
open and water is flowing
out.



(56)

Warning estuary floodgates water
level upsl on Fri 19.

March 2010 at 1100 hrs

is $0.50 - 0.81 = -0.41$ m A.D.

Water flowing in.

Very light E breeze.

(57)

Water level up &
Vase empty floodgates at
1107 hrs on Fri 19 March
2010 is

$$0.70 - 0.79 = -0.09 \text{ m}$$

At 1108 hrs I reduced the
opening of the East gate (endgate)
from 25% to 10%.

Vase empty floodgates water
level up & at 1131 hrs on
Sun 21/03/2010 is

$$0.70 - 0.78 = -0.08 \text{ m}$$

(58)

Photos of large market
crawling in hole inflow
(c 200)

At 1145 hr I reduced the
opening of the Vane Fish Gate
Pentabank from 10% to 5.0%

Water level up & L Wharves
Eschey ploughed at 1153 hr
on Sun 21 March 2010

↳ 0.50 - 0.85 - - 0.35 m/s

At 1155 hr I closed the Fish
Gate Pentabank -

Merchandise to wind
Fire Vane-hat.

Water level up's at (59)
Worming estuary fluorimeter at
1733 hrs on Mar 22/3/2010

is $0.80 - 0.91 = -0.41$
m (std)

At 1736 hrs I guess the
Freshwater level (from 0%)
to 10%.

There was some rain during today
and conditions are sultry.

Water level up's at Vase estuary
fluorimeter at 1743 hrs on
Mar 22 March 2010 is
 $0.70 - 0.79 = -0.09$ m (std)

(60)

Took photos of purple slime
end of these estuary
flagfishes (w/s side)

At 1746 hrs I increased
the opening of the Port gate
Penshurst from 5.0 to
10%, Water flowing
in

Water level up at Womys
estuary flagfishes at 1707 hrs
on Wed 24/3/2010
is 0.50 - 0.91 - 0.41 m AHD
Water flowing in

Lyle SW wind

At 1709 hrs reduced FGP to 5.0%
(from 10%)

Water level up at (61)
Verse estuary floodgates at
176 hrs on Wed 24/3/2010
is $0.70 - 0.845 = -0.145$
mAD

At 1723 hrs I increased
the opening of the Freshwater
Pump from 10% to 25%
to raise the water level.

62
ALAN CLARK readings

26/3/2010

Ussie using fluorometer
read.

0850 hrs up

0.70 - 0.78 = - 0.08 m/m

Womwong using fluorometer
read

0910 hrs up

0.50 - 0.86 = - 0.36 m/m

(63)
Water level up at
Womans estuary floodgate
at 0908 hrs on Mon
29 March 2010 is

0.58 - 0.88 = - 0.39 m
mtd.

moderate E wind. Fine

Water flowing in.

Water level up at Womans estuary
floodgate at 0912 hrs on
Mon 29/3/2010 is:

0.70 - 0.79 = - 0.09 m mtd.

At 0946 hrs I reduced the
opening of the floodgate control
from 35% to 25%.

(64)

Womags Inlet mouth
at 0945 hrs on

The 01 April 2010 is
open and water flowing
in.

Womags estuary floodgates
water level up
at 0954 hrs on

At 01/4/10 reads

$0.50 - 0.825 = -0.325$

Moderate - strong E winds

At 0956 hrs I ~~opened~~
~~the~~ closed (from 5%)
the floodgate restart.

(65)

Water level at 1007 hrs
on Th 01 April ~~2010~~ 2010
~~the~~ are:

+0.34 m d/s and

0.70 - 0.77_s = -0.07_s m
d/s

Very large mullet again
circling in the inflow
(100-200, swimming vigorously).

At 1010 hrs I reduced the
opening of the Foulgate Bend gate
from 15% to 5%.

(66)

Water level up's at Venice
estuary floodgates at 1008 hrs
on Sat 03 April 2010 is
 $0.70 - 0.80 = -0.10 \text{ m (H.D.)}$

Water flowing in.

Water level up's at Worrells
estuary floodgates at 1018 hrs
on Sat 03/4/2010 is
 $0.50 - 0.95 = -0.45 \text{ m}$

At 1021 hrs I opened (from 0%)
the Worrells Lock Gate Percolator
to 10%.

(67)

Water level up's at Vaseau
estuary floogates at 1817 hrs
on Sun 04 April 2010

$$is \quad 0.70 - 0.79 = -0.09m$$

At 1820 hrs I increased the
opening of the Vaseau Floogate
barricade from 5% to 15%.

Water level up's at Vaseau estuary
floogates at 1852 hrs on
Sun 11 April 2010 is:

$$0.70 - 0.80 = -0.10 m \text{ A.D.}$$

Fine. Light NW breeze.

(68)

Water level up at
Lomax along flanges
at 1600 hrs for Sun
11 April 2010 is:
 $0.70 - 0.50 = -0.40$ m/s

Very strong flanges on
Wed 14 April 2010.
Very strong N wind. Closed
Push Gate Penstock (from 15%)
at 0843 hrs.
Water levels

at 0858 hrs
~~up~~
 $0.70 - 0.81 = -0.11$ m up
and 1.01 m d/s
(photo taken)

(69)

Photos of water leaking
in through ^{these} Fish gate (and
Fish gate Penstock).

Workup is very plucky
at 0930 hrs on Wed

14 April 2010 I closed
(from 10%) the Fish gate Penstock.
Water levels

$0.80 - 0.80 = -0.30 \text{ m a/s}$

and ~~0.80~~ $+ 1.12 \text{ m a/s}$

No leakage! Took photos.

(70)

Water levels at Whomping
estuary floogates on
Thurs 15 April 2010
at 1452 hrs are
 $0.50 - 0.86 = -0.36$ m/s
+ 0.48 d/s

Water level at Vane
estuary floogates at
1500 hrs on Th 15/4/10
is

$$0.70 - 0.79 = -0.09 \text{ m}$$

Fine (showers have cleared)
Light - moderate NW breeze

Water leaking in thru Ferry
Gate.

(21)

At 1505 hrs on Th 15/4/60
I opened the Vasee Kenise
Flop Gate.

At 1513 hrs on Th 15/4/60
the mouth of Wonneg
Inlet is blinded by
accumulated seagrass from
the recent storm.

72

Mouth of Womung Inlet
still closed by ice
at 1430 hrs on Fri
16 April 2010. Took photos.

Womung estuary photographs
water levels at 1443 hrs
on Fri 16/4/2010 are
 $0.50 - 0.85 = -0.35$ m w/s
and $+0.475$ m d/s

Fine - Light NW breeze.

Same estuary photographs at
1458 hrs on Fri 16/4/10
water levels are

(73)

$0.70 - 0.78 = -0.08$ m w/s

and $+0.475$ m d/s

At 1505 hrs I closed
the Reverse Flapgate and
opened the Vase Flapgate
Penstock to 10%. Water
flowing in

Vase estuary flapgate water
level d/s at 1319 hrs
on Sat 17/4/2010

is 0.44 m

(74)

Womney Inlet mouth
at 1103 hrs on Wed
21 April 2010 is closed
by silt & sand.
More photos taken
(cloudy, showing conditions)

Womney estuary floodgates
at 1126 hrs on Wed
21 April 2010 water
levels are
 $0.50 - 0.85 \rightarrow - 0.35 \text{ m a/s}$
and $+0.34 \text{ m a/s}$

Veneedway floodgate water 75
levels on Wed 21 April 2010

at 1134 hrs is

$$0.70 - 0.745 = -0.045$$

on AHD.

At 1136 hrs I reduced the
opening of the Veneedway floodgate
Penstock from 10% to 5.0%.

Water flowing in.
Light sub breeze.

(76)

Vasse estuary floodgates
water levels at
1056 hrs on Wed

28 April 2010 are
 $0.70 - 0.765 = -0.065$ m AHD

Water flowing in
Fine. No wind. Sunday.

Downing estuary ^{floodgates} water levels
at 1105 hrs on Wed 28/4/2010
are

$0.70 - 0.46 = +0.24$ m AHD
d/s

$0.50 - 0.875 = -0.375$ m AHD
u/s

No flow.

(77)

Mouth of Horns Inlet
at 1125 hrs on Wed
28/4/2010 is still
closed by sand and
accumulated seagrass.

Mouth of Horns Inlet at
1345 hrs on Sat 31 May 2010
is ^{still} closed by sand + seagrass
Photos taken

Water levels at Womney ⁽⁷⁸⁾
strong floodgates at 1355 hrs
on Sat 01 May 2010 are

$$0.50 - 0.88 = -0.38 \text{ m ups}$$
$$\text{and } +0.22 \text{ m d/s}$$

Water level ups at Vane
strong floodgates at 1406
hrs on Sat 01/5/2010
is $(-0.05)_{\text{gw.}}$

$$0.70 - 0.75 = -0.75 \text{ m d/s}$$

Two photos taken of
skiffers on ups side.

Water flowing in.

Light SW breeze. Fine.

(79)

Longway Inlet mouth
still closed at 1550 hrs
on Wed 05 May 2010.

Photos taken - biggest vehicle

Longway estuary floodgates water
levels at 1601 hrs on
Wed 05/05/10 are

$$0.70 - 0.52 = + 0.18 \text{ m } \underline{\text{d/s}}$$

$$0.50 - 0.915 = - 0.415 \text{ m/s}$$

At 1604 hrs I opened the
PGL from 0% to 10%.

(80)

Varun asking for project water.
Level on Wed 05 May 2010
at 1600 hrs

0.70 - 0.78 ~ - 0.08 m w/s

Water flowing in
From Calm

At 1611 hrs I opened the
Vase Plot penstock, from
5% to 10%.

Vespe Esting Hinges (by Tammie W.)

12/5/10

(81)

0.00 d/s
-0.07 u/s

1528 hrs

flowing - gently
milky green
smelling of H₂S

Womby Esting 12/5/10

0.00 d/s
-0.37 u/s

1519 ..
hrs

Water gushing in.

Water v. clear u/s

Rn 14 May 2010 (82)
Wang (by Yonke W.)
1130 hr

-0.03 d/s

-0.35 w/s

Strong flow in. Water clear.

Verse strong flow in.
1140 hr

-0.03 d/s

-0.05 w/s

Slight flow in.

Slight offshore breeze

Mon 17 May 2010

(83)

Worming

1422 hrs

0.33 d/s

-0.34 u/s

Worse

1435

0.34 d/s

~~0.34~~ -0.06 u/s

Water pouring in.

BT Put on from XONING W.

(84)

←
Homage Inlet north at
1150 hrs on Wed 19 May
2010 is open (due
to high tide clearing
obstruction some days ago)
and water gently flowing in.

Water levels at Homage
estuary floodgates at 1204
hrs on Wed 19/5/2010 are
 $+0.64$ m d/s
 $0.50 - 0.88 = -0.38$ m w/s
No flow (Port gate closed)

Fine - V. light S breeze.

Verse along flange water level
at 1210 hrs on Wed (85)
19 May 2010 is

$$0.70 - 0.76 = -0.06 \text{ m up}$$

No flow in (Fish Jetty Vent
is closed).

Laevage part closed Fry Gates

→
Harringtons Inlet mouth at
1006 hrs on Wed 9 June 2010
is open and water flowing out
←

(86)

Womang estuary floodgates
water levels at 1014 hrs
on Wed 09 June 2010 are
 $+ 0.39$ m d/s

Womang estuary floodgate gauges
at 1120 hrs on Th
10 June 2010 read
 $+ 0.49$ m d/s

Upliable up/s

All stop boards removed (they
were taken away yesterday).

(87)

Vine string floatless gauge
reading at 12 1/4 hrs on
Th 10 June 2010 are:

+ 0.49 m d/s

0.70 - 0.71 m = - 0.01 m u/s

Fish Gate Penstock is closed.

Styloblocks have been removed. They
were taken out yesterday.

(88)

Womany Estuary floodgate
ganges at 1240 hrs
on Th 15 July 2010

read: 0.495 m d/s
slightly up/s

Vine estuary floodgate ganges
at 1245 hrs on 15/07/10

read: 0.455 up/s
0.50 d/s

small leakage in

Womney Inlet mouth

(89)

at 1126 hrs on Fri

23/7/2010 is closed,
but it is very evident that
the most recent high tide
overlapped the sand bar for
its entire length and water
flowed into the Inlet.

Took photos.

Womney estuary floodgate gauges
at 1135 hr on Fri 23/7/10
read +0.54 m d/s

illegible u/s. (< 0.2 m)

Took 3 photos of intense ⁽⁹⁰⁾
light brown bloom on ups
side of Womage along
fluvial at 1140 hrs
on Fri 23/7/2010.

No flow. No wind.

Viewing fluvial
gorges at 1145 hrs
on Fri 23/7/10 near

+0.54 m d/s

and +0.54 m ups

No flow.

(91)

Womney's Felt month:
at 1210 hrs on Thurs
10 August 2010 is open.
I suspect it has been
grazed extensively (by
Litter Corps) since my
last inspection (23/7/10).

Womney's estuary floodgates opened
at 1220 hrs on Thurs 10/8/10
Read $+0.61$ m d/s

approx $+0.20$ m w/s (± 1 cm)

(92)

Vase string flophike

gauge at 1230 hrs

on ~~the~~ Tm 10 Aug 2010

read: $+0.63$ m w/s

gauge $+0.15$ m w/s (± 0.01 m)

Strong NE wind. Fine.
Cool.

(93)

1 Canblm Lake (South
to-sun) Wed 18/8/2010

Leave car ("Car 1") at
0915 hrs. Walk on bearing
of 280° M.

Photo 611 at 0925 hrs at

WPT 102

Looking 276° M

1 Kangaroo

Photos

94

WPT 103

at 3rd SW end of
this ~~for~~ first "zone".

Photo 619

at WPT 104

looking 202° M

at 0950 hr.

620 and

Photos 621

at WPT 105

at 0958 hr. looking 187° M

504 055 1636

635 1873

Photo 622

at WPT 106

looking 254° M

504 055 1627

635 1889

(95)

Large Cormorant at

WPT 107

SO H 0551445
6351666

has circumference at

breast height of 2.05 m

Photos 634-639

EXH WPT 108

at

SO H 0551473
6351614

S and of 200m "grove"
at 1035 hrs.

Photo 643

body 183 mm

at WPT 109

at 1046 hrs

SO H 0551575
6351401

96

Photo 645

at WPT 110

at 1103 hrs

looking 258° M

at NE end of 3rd "junc"

SOH 0551926
6351341

Photo 646 + 647

at WPT 111

looking 44° M

across bare high ground

at 1217 hrs.

SOH 0552394
6351548

Back to vehicle

Est. WPT 112

where took photos 648-653

of road back from railroad

to lake, at 1145 hrs (on W18/8/10)

SOH 0552515
6351255

(97)

No
flow

Tues 07 Sep 2010

Morning estuary floodgate gauges
at 1544 hrs read +0.64 m d/s
and +0.53 m u/s. All
stopboards were put in place this
Am.

Evening estuary floodgate gauges at
1550 hrs read +0.63 m d/s
and +0.62 m d/s. All stopboards
were put in place this morning.

Morning Inlet mouth at 1605 hrs
is closed to all but highest tides.

~~No flow~~

I opened the
Reverse Fly
Valve (Vessel)
Fri 10 Sep 2010 -
Vessel estuary floodgate
I Closed Reverse Fly Valve.

Water level up +0.575
at 1145 hrs.

Water flowing out over

(98)

Logs of stop boards.

This flow is due to sand bar at mouth of Wonnerey Creek being opened by Water Corps ~~at~~ sometime between Wed 8 and Fri 10 Sep (inclusive and before 1145 hrs Fri 10/9).

John Morn (Water Corps BSA) opened the bar due to concerns from Lt Vasse's strong landholders about flooding.

Sunday 07 Nov 2010

(99)

Brookwater Gage "C"

reads 0.58 m

at 1626 hrs.

No photo.

pH = ~~8.57~~ 9.63

at 22.3 °C

Lake Davies Mon 08 Nov 10

Gage "A" reads 4.39 m

at 1155 hrs.

pH = 8.72