

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)_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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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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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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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)

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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)

J. LANE



"Rite in the Rain"
ALL-WEATHER
NOTEBOOK

No. 935

N° 64

0419 954 541

SEP 2012 - 8 Sep 2013

①

ENEMENGA on
Wed 12 Sep 2012
at 1210 hr
is DRY

LTBL at gauge ^{"a"} "C"
is 0.00 m

Estm WPT "ENEM C"
50J0358772
6590182

LTBL at gauge ^{"a"} "A"
is 0.92 m

Estm WPT "ENEM A"
50J0358714
6590188

note in the Rain

(2)

Set odometer to

0.00 km at

"ENEM TP 2"

5050358340 6590205

6.5 km at "ENEM

Track Pt 1"

(Minegama Rd)

Cattle on road.

GURUGA on Wed 12/9/12

at 1355 hrs gauge "D"

LBL = 0.38 m.

Depth ^{is} ~~at~~ < 0.38 m

No ^{water} sample taken

No photo taken

CRATERS on Wed 12
Sep 2012 at 1455 hrs

Grange " " B nets X:03

Can hear *Litoria moorei*,

Gymnophthalmus dorsalis and

a common frog frog calling.

pH = 7.61

Also Coot, ^{Swamp} ~~Swamp~~ ^{More} Duck Cells.

Rite in the Rain

④
Took 360° photos
at gauge "B"

(checked)
12/9/12

Wannemadabe
on Thurs 13 Sep 2012
gauge "B" is 0.60 m
pH = 8.85

YURINE on 13/9/12
at 0955 hrs
180° photo from Gauge "B"



Time is DRY

(5)

LBL at gauge "A"
is 0.00 m

BAMBLN on 13/9/12

at 1025 hrs gauge

"C" needs 2.48 m

plf = 9.23

"Rite in the Rain"

(5)

(6)

CHANDALA on
Th 13 Sep 2012
at 1138 hr

Sample "A" is 0.84 m

pH = 6.96

JANDASHP Lake on
Th 13/9/12
at 1458 hr

Sample "45.5m"
reads 44.49 m

pH = 6.48

Journaling Lab
on Th 13 Sep 2012

Orange " 1.8 AND "

$pH = 9.18$

26 m down from
 cut on lower belt on
 post second from
 platform at end of
 Jilly (over N side)

~~1002m~~ on 22/9/2013
Note in the line

End new Jarje needs 16.99 m AHD at 1455

12 Sep 12

Seaphoto

7

(8)

Coordinates of "bone"

syn on Mamegerre Rd
at tracer turnoff to Freminge

are 50J 0352660
6590894.

Ask Dow for info

Month of Worning Bridge ⁽⁹⁾
at 1612 hrs on Mon
17 Sept 2012 is
closed.

Worning estuary phytoplankton
on Mon 17/9/2012 at
1620 hrs need: 0.63 m d/s

and 0.48 m u/s

No flows.

"Rite in the Rain"

(10)

Vase Estuary floodgates
gates at 1627 hrs
on Mon 17 Sep 2012
need: + 0.63 m d/s

and + 0.63 m u/s

No flow

Mouth of Womney Inlet
at 1540 hrs on Mon
08 Oct 2012 is closed

(11)
Womany estuary phragmites
germes on Mon 08/10/2012
at 1545 hrs read:

+0.70 w/s

+0.73 w/s

Light N breeze. Fine
No flow

Vase estuary phragmites
germes on Mon 08/10/12
at 1555 hrs read

+0.73 w/s

+0.73 w/s

No flow.

"Rite in the Rain"

(12)

Worming Inlet moraine
on Fri 26/10/2012
at 1510 hrs is

closed (and water held
at a higher level in the
Inlet) by a bank
of seaweed (see below)
which would be overtopped
at high tide



Photos taken



Wormy Estuary floodlights ⁽¹³⁾
on Fri 26/10/2012

at 1520 hrs
reed approx ¹ +0.3 m d/s
and +0.28 m u/s

Sheepcotes are in aft bags.
No flow
Wormy Fine. Calm.

Wormy floodlights on
Fri 26/10/2012 at
1529 hrs. Jagers reed
- illegible d/s
+0.32 m u/s.
"Rite in the Rain".

Sheepcotes are in

(14)

EGRET on Tues
06 Nov 2012 at
1300 hrs is DRY

HARVEY R632 on
Tues. 06/11/2012
at 1411 hrs gauge
"A" reads 0.31 m

pH = 6.89

* photo of gauge "A"

• 360° photos from
"HARV PP2"

(15)

• 360° photos from
"HARV PP3"

Now HARV PP5

• 360° photos from 1st
shift of Sep 2012.

Est'd WPT 175
here. 50 H 0386606
6348965

• 360° photos from 2nd
shift of Sep 2012

Est'd WPT 176
here. ~~50 H 0388~~
50 H 0386608
6348992

Now HARV PP6

"late in the rain"

(16)

• 360° photos at HARV pp 4.

• Estd new position (WPT)
50H 0386577 177
6349029

And took 360° photos
from here. New HARV PP 7.

• Then 1 random photo
with camera held high
(random position)

NEAR MILE on
Tues 06 Nov 2012 at
1530 hrs geyse 8
Heads 0.30m

(17)

pH = 6.50

Now McLAPP

McLAPP

SOH 0379450

Estn WPT 178

6379746

at 1607 hrs

and Took 360° photos

Crane ^u ^u needs 0.40

at 1611 hrs.

~~Took 360° photos from here then~~

pH = 8.65

"Rite in the Rain"

(18)

CLIFTON

on Tues 06 Nov 2012

at 1655 hrs

Sample "C" needs 4.08 m

pH = 8.36

Sample at end of jetty

pH = 8.47

Need rope for ladder.

(19)

THOMPSON'S

on Wed 07 Nov 2012

Gauge "E" at 0830 hrs.

reads < 0.45 m

No visible lake.

From high points on wall

look on it is apparent that

the entire or almost entire

open bed of the lake

is under water.

Photo taken.

"Rite in the Rain"

(20)

GIBB RD SWAMP

on Wed 07/11/2012

at 0920 hrs

is DRY

FORRESTADE LAKE

on Wed 07 Nov 2012

at 0944 hrs

Gauge "23 AHD"

reads 21.58m

pH = 8.19



DOBADERY

(21)

- Behaved Dry

Ces at 1115 hrs on
Wed 07 Nov 2012

COMPARING

on Wed 07/11/2012
at 1156 hrs

Gen^{" "} A needs 0.38 m.

pH = 6.27

"Rite in the Rain"

(15)

(22)

BEVERLEY LAKES
on Wed 07 Nov 2012

at 1423 hrs

gauge reads X.16

~~16~~

PH = 7.56

MEARS

on Wed 07/11/2012

at 1485 hrs

is DRY

RED (Blue Rock)

(23)

on Wed 07 Nov 2012

at 1610 hrs

is DRY

Photo taken

ARATH on Wed 07/11/12

at 1710 hrs. Estimate

water level is ~~0.39~~

roughly 0.2 m below

5/2012 level

(0.39 - 0.2)

at 0.20 m

No water sample taken as
much too treacherous.

"Rite in the Rain"

(24)

CAMPION on
Thurs 08 Nov 2012
at 0810 hrs

0.37 m (Grange Dr)

pH = 3.30

WALYORROUBANK

Thurs 08 Nov 2012

Behind Day

NINIAN on Th 08/11/12

at 1146 hrs

LBC at Grange B = 0.43 m

Depth $\approx$ 0.33 m

nowhere
No sample

(25)

HENDS on Th 08/11/2012

at 1340 hr

Water level is less than
in Sept 2012

No sample taken

EGANU on Th 08/11/2012

at 1603 hrs the

Dow gauge reads

A

X.60 m

Now
"EGAN Dow gauge"

pH = 7.32

So I 0391256

ESM WPT 179

6680605

"Rite in the Rain"

(26)

EGANN "B" gauge

reads 0.59 m at

1611 hr on Th 08/11/2012

Water was consistently
7-8 cm deep between

Gauge "B" and WPT 179
(cf previous page)

Self const supported my
weight except near muddy
edge.

"
New Station Deid gauge

(27)

CRACKERS at 0746 hrs
on Friday 09 Nov 2012
Gauge "B"
reads $X.98\text{ m}$

pH = 7.66

WANNAMAL

on Fri 09 Nov 2012
at 0842 hrs

LBL & Gauge A is -0.22 m

Gauge "B" is 0.44 m

pH = 7.73

"Rite in the Rain"

must be
 $+0.78\text{ m}$

(28)

LAMINARIAL

on Fri 09/11/2012

Contd.

Mind/water smells

Quite strongly (and
unpleasantly) of tuna.

NE breeze. Sunny,

Warm day ~~ish~~ (0900 hrs)

YURINE on Fri 09/11/12

at 0940 hrs is DRY



(29)

BAMBAL on
Fri 09 Nov 2012
at 1010 hrs

pH = 7.8

2.40 m
Gauge "C" reads

CHANDALA on Fri 09/11/2012
Gauge "A" reads 0.75 m
pH = 7.40

"Rite in the Rain"

(30)

LANDABW on
Sat 10 Nov 2012

at 1013 hrs.

geye "45" ^{ATD} m

reads 44.32 m

pH = 8.71

Found ABW on Sat 10/11/12

at 1104 hrs

geye "18" ^{ATD} (still
leaving)

reads 16.74 m

1.29 m down to 31
water level from bolt
of Sigs 2012

Also 0.585 m down
from top of end of
upright fence post to
water surface
(see photo)

0.805 m down from water
surface to bed of lake as
measured with tape from
"kiosk in the lake"

(32)

Centre of face of gauge
plate at water level.

pH: 9.25

is at 16.74 m ^{AND}
mouth

Wannay's Inlet mouth
at 1055 hrs on Wed
21/11/2012. Hot
day. Little wind.
Tide is low and at

(33)

This level where the
seal bar is closed
(approx 25 m in width
at narrowest point)

Took photos.

At this It appears that
at high tide the seal bar
is being overtopped and
water is flowing in (only).

Waverly estuary floodgates
on Wed 21 Feb 2012
at 1115 hr.

approx + 0.23 m d/s
+ 0.19 ~~approx~~ m u/s
"Rite in the Rain"

(34)

Verse essay floogies
on Wed 21/11/2012 at
11.25 hrs gauges read:

• eligible d/s.

• +0.28m u/s

Wonsay Inlet mouth at
1540 hrs on Fri 14/12/2012
is open (photos taken).

The sand bar was to be
artificially opened today,
but it appears that Water Corp
has judged that it is already
sufficiently open.

(35)

There is a large amount
of decaying "seaweed"
in the channel between
the fishing platform and the
sand bar.

Warning using plumb lines
gauge at 1555 hrs
on Fri 14/12/2012

read:

illegible d/s
+ 0.08 m w/s

Warning using plumb lines
gauge at 1605 hrs on Fri 14/12/2

read

illegible d/s
"Rite in the channel" 0.25 m w/s

(37)

Visiting estuary floodgate on
Mon 24 Dec 2012

at 0900 hrs I opened
the Fish Gate Penstock (from 0%)
to 20%. Fish Gate was at
100% open (yymm).

- Water levels $0.70 - 0.55 = 0.15$ ^m up/s
- Slightly higher water level d/s
so water now gently flowing
in through Fish Gate.
- d/s gauge illegible

Working estuary floodgate gauges
on Mon 24/12/12 at

0910 hrs read $+0.23$ m d/s
 $+0.02$ m up/s

"Rite in the Rain"

(38)

At 0920 hrs on Mon
24 Dec 2012 (On way to
Peele), I returned to
the Vasse estuary
floridules and opened the
Vasse Fish Gate Penstock
(from 20%) to 33%.

Vasse estuary floridules
on Tues 01 January 2013

Inputs read:

$$0.70 - 0.625 = 0.075 \text{ m u/s}$$

and 0.55 m. d/s

I reduced the opening



(39)

of the ~~the~~ Vase estuary
of the Gate Penstock
(from 33%) to 10%

Warning: Eel mouth
on Fri 04 Jan 2013
at 1635 hrs
ber is narrowly + very
shallowly open ~~area~~ and
water is flowing gently on
(very small rate of flow)
Possibly / probably no flow
at lowish tides.

"Rite in the Rain"

(40)

Verse estuary plunger
on Fri 04 Oct / 2013
at 1645 hrs

gauge read.

$$0.70 - 0.57 = +0.13 \text{ m}$$

u/s

+ illegible d/s

Water flowing in from
Fish Creek

Checked — FGP is still
10% open. Switched
all control knobs
to Local.



(41)

Wormy extra flights
on Fri 04/01/2013

at 1700 hrs read

approx ± 0.39 m d/s

c. $0.3 - 0.42 =$

V. ~~approx~~ ~~0.1~~ - 0.1 m
u/s

Wormy Inlet mouth at
0835 hrs on Fri 18/1/2013

Water is flowing out
(tide is low).

"Rite in the Rain"

(42)

Worming station
hydrographer page at
0845 hrs on Fri
18/1/2013 Med

approx + 0.42 m d/s

0.30 - 0.50 = - 0.20

so up level is

approx - 0.20 m.

Vase station hydrographer
page at 0855 hrs on
Fri 18/1/13 med: + 0.42 m d/s
0.70 - 0.65 = + 0.05 m u/s
Water flowing in.



(43)

Worming estuary
floodgates gauges at
1100 km on Fri 25/1/13

read $0.76 - 0.52 = 0.24$ m d/s

& very approx -0.2 m u/s

Fine therm light ssd breeze.

Verse estuary floodgates gauges
at 1105 km on 25/1/13

read: d/s illegible

$0.70 - 0.70 = 0.00$ m u/s

Water flowing in.

"Rite in the Rain"

(44)

Wormy Idlet mouth
at 1120 hrs on Fri
25/1/2013. Mouth
is closed (just). Inflow
would occur at high
tide, but no flow ~~at~~
now. So 0.24 m is
~~the~~ the close to flow
level (Wormy Idlet)
today.

Mon 04 Feb 2013

(45)

at 0905 hrs at
Wonnang Inlet mouth.
Water is flowing in
gently along 'S' shaped,
very shallow & narrow
channel through
sand bar.

Wonnang estuary floodgates
at 0930 hrs on Mon

04/2/13 gages read
+ 0.30 m d/s
— 0.34 m u/s

"Rite in the Rain"

Worries testing floodgates
None of the ^{gates} electric

(46)

Gate ~~is~~ controls worked
when tested on "Local"

Verse testing floodgates at
0955 hrs on Mon 04/2/13

0.70 - 0.73 $\pm$ - 0.03 m

u/s

and eligible d/s

Water flowing in.

Many 100s of mudlit.

(some brown) swimming

in inflow on u/s side
of gates.

(47)

Worming Estuary floodgates
at 1020 hrs on
Wed 13 Feb 2013

Gauges read:

approach — 0.39 m ^{at 5} ~~at 5~~

+ 0.45 m ~~at 5~~

~~Propped~~ Fish Gate Penstock
would not open.

Opened Propped Gate
Penstock ~~for~~ and
closed Fish Gate for
a few minutes each,
then returned them to
closed & open respectively.

"Kite in the Rain"

(48)

No sign of fresh up's

Shore of Vasse estuary
at Runkley Rd public
access point (leisureway)

at 1000 hrs on Fri 22 Feb
2013. ~~Water~~ edge

Approx 30-40 metre
wide strip of damp
mudflat exposed along
shoreline - Smells
unpleasant. Wierdly
word (mudcrab).

(49)

"Bendt", who lives
somewhere near here
(on Sabine River?) phoned
me yesterday early afternoon
to say that Samell
is very unpleasant.
They had to keep their
doors & windows closed.

Workings on my photogates
at 1025 hrs (on Fri 22/2/13).

ganges read:
- 0.46 u/s ✓
+ 0.46 d/s ✓

Opened logged Gate Penstocks
(from 0%) to 5% to allow
"Rite in the Rain"

(50)

inflow. Used this penstock
because First Gate Penstock
not responding.

Have taken photographs
Gauges at 1050 hrs on
Fri 22/2/2013 read:
• unmeasurable u/s
• $+0.46$ d/s.

Water flowing in thru
First Gate.

Took photos of study on
u/s side (purple).

Worms Inlet mouth

(51)

at 1115 hrs on Fri

22/2/2013. Ber

is open. No
discernible flow (due
to water level being
near high tide)

✓
Vessel using flowmeter gauges
at 1355 hrs on Mon

26/2/13 read:

$0.70 - 0.75 = -0.055 \text{ m/s}$

Water flowing in.

✓
"Kite in the Rain"

(52)

(52)

Vase using floodgates
at 1110 hrs on Sept
02 March 2013 gages
read:

0.70 - 0.80 = — 0.10 m w/s
+ 0.45 m w/s

Water flowing in
light N.W. breeze. Fine.

At 1115 hrs I opened
(loosely) the Vase Fish Lake
Pondgate further, from
10% to 15%.



(53)

Wannings estuary floodgates
at 1125 hrs on
Sat 02 Mar 2013

Gauges read:
— 0.40 m u/s
+ 0.46 m d/s

Water flowing in.

Wannings estuary floodgates
at 0930 hrs on
Mon 11 Mar 2013 read:

— 0.39 m u/s
Unmeasurable d/s
Closed Poppet Gate Removels
(from 5%) to 0%.
Photos of door position at foot
of West White Lake Dam. 11.3.13

(54)

Vanne along flange
gauge at ~~10 ft~~
0950 hrs on
Mon 11 Nov 2013

read

• $0.76 - 0.76 = \cancel{0.00}$
 $= -0.06 \text{ m}^{\text{w/s}}$

• depth d/s

I closed (from 15%)
the Vanne Lock Gate
Penstock to 0%.

→
Took 2 photos of sludge
in w/s corner.

(55)

Vernal estuary phragmites
at 1755 hrs on
Fri 22/3/2013

ganges read:

eligible u/s
in d/s

Arnetts u/s

Wormey estuary phragmites
ganges at 1800 hrs
on Fri 22/3/2013

read: eligible u/s
in d/s

Fault lights for both pendocks
on. Pendocks now responsive.
"Rite in the Rain"

(56)

Wonsung Pilot mouth
at 1338 hrs on
Mon 25/3/2013 is
closed but would
be very narrow (2cm)
considered at
high tide.

Wonsung extra
flap at
1338 hrs on Mon 25/3/13
are:
• illythe up

Unable to open either penstocks



(57)

to let water into estuary
as planned 131375
and reported faults
to "David" (21345 hrs)

$$0.75 - 0.59 = +0.16 \text{ km}$$

d/s at 1352 hrs

✓ case estuary flooded
pump at 1405 hrs.
On 25/3/13 I
opened (locally) the
VFRP (from 0%)
to 10% and water
started flowing in.

"Rite in the Rain"

(58)

d/s gauge - illegible

u/s gauge -

~~0.70~~ - 0.79 = - 0.09

0.70 - 0.86 = - 0.16

~~0~~

~~0.16~~

u/s level (approx)

Take photos of
stage & gauge


On Tues

26/3/2013

(59)

The letter from
Water Corp opened the
Warrung station floodgates
Fresh Gate Penstock (from 0%)
to 10% at my request.

Cyprus 11.20 hrs on Fri

29/3/2013 (Good Friday) Jeremy

Chris phoned me and said
from public concerned about
low water level at Warrung

"Rite in the Rain"

(60)

At 1155 hrs (Fri 29/3/13)
I closed (from 10%)
the Womney estuary
Fish Gate Penstock, thus
ceasing all flow from
Womney Inlet ~~into~~ (barricaded)
into Womney Estuary.

At 1205 hrs on Fri
29/3/2013 I closed
(completely) the Vase Fish
Gate Penstock (from 10%)
to 0%. This ceased
all inflow.

(61)
Womung Inlet
arrived at 1805 hrs
on Thu 04 April 2013
water is flowing in
fast but very shallow
through a channel in
sandbar ↑

6 m wide at
nearest point.

Near high Tide - Calm.

"Kite in the Rain"

(62)

Verse estuary floodgates
at 1810 hrs on Thurs
04 Apr 2013 I
opened the VFOP
(from ~~10~~ 0%) to
10%. Water began
to flow in.
Gauges visible

Wormy Inlet mouth
at 0815 hrs on
Th 11 April 2013. It
is at near high tide and
there is a ding inflow

(63)

from waves (small)
overlapping the sand
bar.

Conditions calm, fine,
sunny, warm.

Vase estuary photographs
at 0825 hrs on
Th 11/4/2013

I closed (from 10%) to
0% the VFCP to
stop water draining from
Wonnemah salt into Vase
estuary.

"Kite in the Rain"

(64)

Wintersburg Estuary
floatgauge Sta. 1018 hrs
on Sep 13 April 2013
gauge "readings" are

- 0.41 m u/s
+ 0.09 m d/s

Calm. No dead or
sloping fish.

Wintersburg Inlet mouth at
1025 hrs on Sep 13/4/13
Inlet bar is effectively
closed, however there
is a tiny amount of
water (1 cm wide x 1 cm deep)
flowing in due to waves slightly



(65)

overlapping the bar at / near
high tide - calm.

Vosse estuary floodgates
at 1030 hrs on Sat 13/4/13
u/s gauge reads
 $0.70 - 0.77 = -0.07$ m u/s
d/s gauge stable.

No sign of straggling fresh
on u/s side of floodgates (unlike
earlier this morning), so
I closed (from 100%) the
VFGs (at 1042 hrs) -
"Rite in the Rain" 10.42

(56)

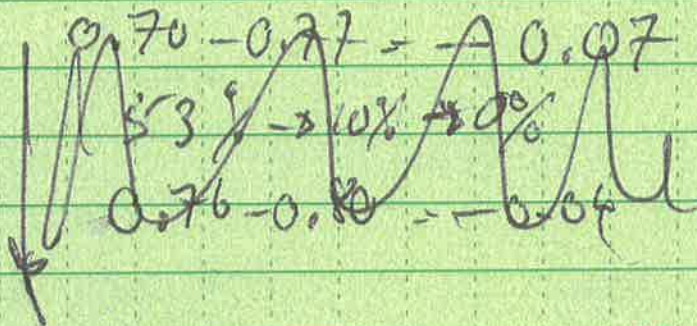
At approx 2130 hrs on Sat
13 April 2013

I attempted to open
the VKLP but fault
light was ~~on~~ on and
VKLP wouldn't open
So I opened the Popped
Coke Pendants 5% and
raised the Reverse Flow Valve
clear of the now increasing
Water. Aim is to
prevent another flush back

(67)

as expected this
morning (upstream of
the Vasse getting
flooded).

0735 hrs
At 0735 hrs on Sun
14/4/2013 I closed
(from 5%) the Vasse
Propped Gate Penstock.



"Rite in the Rain"

At 2015 hrs on ~~W~~
Mon 15 April 2013

Verse Estuary flapside
gages "read"

0.70-0.77 - - 0.07 m y/s.

c 0.76 - c 0.80 - c - 0.04
m d/s

Water was flowing in thru
the 53% open Piggott
Gate Penstock. (reverse flap
valve still open) that
Richard Piggott (Water Corp)
had mistakenly opened
on Sunday (Apr 7)

had closed it that
morning.

(69)

It appears that the
sender is still closed
and the open ~~VFB~~
Vorse Popped like Penholz
has changed Waverly
Tall into Vorse estuary.

Conditions fine & calm.

→ Note that faint light
of VFB like Penholz
is still on (+ closed.)
It is in the Rain

(70)

Also at 2015 hrs
on 15 April 2013

Vassar spring floodgates gages
at 1325 hrs on
Wed 17/4/2013

need

$$0.70 - 0.77 = -0.07$$

m u/s,



(71)

Worway Inlet mouth at
1800 hrs on Th 18/4/2013

Water is flowing out
through cleared cut in
sediment yesterday.

At this tide level the
outflow now is only
approx 3m wide and
just under 0.5 m deep
at centre. Took photos.

—————→

(72)

Vanne using floodgates
opened at 1810 hrs
on Th 18/4/2013

measured $+0.56 \text{ m d/s}$

$0.70 - 0.77 = -0.07 \text{ m}$
w/s

Calm.

Womby using floodgates
at 1820 hrs on 18/4/2013

Opened WFLG to 20%
East inflow.

Water level w/s -0.41 m .



(73)

Wormy Islet mouth
at 1100 hrs on Fri 19
April 2013. Water is
flowing in fast than
channel cut on Wed.
At this tide (mid?) level
the channel is c. 7m wide
and grassy/mud
0.5m deep in middle.
Very light SW breeze.
Fine & warm.
Took photos.

"Rite in the Rain"

(18)

(75)

Vane using floodgate
ganges at 1126 hrs
on Fri 19/4/2013
need

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

Calm upstream

Worings using floodgate
at 1425 hrs on Sat

20 April 2013 gauge need:

+ 0.44 m d/s

- 0.40 m u/s

Light W wind. Fine.
Water flowing in.
"kites in the rain"

(76)

W Frigate Penstock

is 5.2% open.

At 1425 hrs (on Sat 29/4)

switched control back
from "Local" to "Remote"

→
No sign of fish, dead or alive.

Flourishing estuary
flapjacks (gorgies) at
1505 hrs on Fri 02/5/13⁰³
read: 1.2

+0.75 m d/s

CCCCCCCC

(77)

— 00295-m up

At 1510 hrs

1510 hrs on

Fri 2nd May 2013.

3rd

I closed / briefly
from 5.2.

The Wandering
Fulcrum Photostall

"Rite in the Rain"

(78)

Vene using fluorite

Pages at 1515 hrs
on Fri ⁰³ ~~02~~ May 2013
read:

0.70 — 0.71 — 0.01 m
u/s

+ 0.75 m d/s

Water leaking in
past Fry Gate.

Calm



(79)

Worming story
glorified jays at
1513 hrs on Wed

08 May 2013

needs + 1.12 m d/s

→
Took photo

"Rite in the Rain"

Floot is pulled back & channeled to this angle from.

(81)

1158 hrs Photos of "NINA X"
waypoint angle from
with rope extended.

At 1620 hrs on
Wed 22 May 2013
depth gauge "A" at The Vent
"Henry 12632" is dry,
LSC = -0.04 m
(at gauge "A")
"Kite in the Rain" No photos.

(83)

Harney Inlet moved
at 0955 hrs on Thurs

11 June 2013 is closed
and is 45 m (per).
wide "

Harney estuary floodgates
opened at 1005 hrs
on Tues 11/6/13
need + 0.84 m d/s

and + 0.40 m w/s

Fire. Calms
Kite in the Rain

(84)

Verse estuary floodgate
water levels at ~~1010~~

1010 hrs on Tues 11/6/13

Gate + 0.87 m a/s

Gate + 0.60 m a/s

All stopbanks are out
(except Pumped gate)

Light NE breeze
Fine

(85)

* Sat 12 July 2013 *

Eight White-necked

Heron in very

marsh at Ayres
at 0820 hrs

Tues 17 Sept 2013 at

1000 hrs at Egret Swamp

Gauge "A" reads 0.61 m
at 1018 hrs.

pH = 3.48

Took photo while standing
over BM & gauge

"Rite in the Rain"

(86)

" Haoney 12632" at 1125h
on Tues 17 Sep 2013

- 360° photos at "pp2"
- Gauge "A" needs 0.75m

- 180° photos at gauge "A"

- photos at "pp3"

- photos at "pp5"

- photos at "pp6"

- photos at "pp4"

- photos at "pp7"

- "Per-m-cen" frogs heard

- 2 grey teal (pairs)

- photos at "pp1"

4.7 ⁽⁸⁷⁾ random photos.

pH = 5.98

Clifton at

1325 hrs on

Tues 17/9/13.

reads 4.34 m

at gauge "c"

jetty pH = 8.01

"Kite on the Rain"

(88)

gauge "C" pH = 7.68

End of
limestone
path pH = 7.66

NENE HOLE

gauge "8"

reads 0.53 m

at 1422 hrs

on Tues 17/9/2013

- Pre-m. cen frog
 - a squelching frog
 - L. true ardeledensis
- } all calling

pH = 6.59

(89)

Photos (360°) of M. C. L. L.
photograph "MCLA PP.1"
at 1455 hrs on 17/9/13

MCLA gauge "B"
reads 0.96 m at 1457 hrs
pH = 7.65

Thomson Lake at
1610 hrs on Thu 17/9/2013
gauge "E" reads 0.79 m
pH = 7.07

"Kite in the Rain"

(90)

CJTBB at 1655 hrs
on Tues 17/9/2013

Gauge "25" reads 24.55
m AHD

pH = 6.59

Forrest Lake

at 1730 hrs on 17/9/13

Gauge "23 AHD"

reads 21.91 m AHD

pH = 8.66

I flushed a quail 50 m South
of viewing platform - in short wet weeds,
1735 hrs.



Trees $\geq 4^{\text{m}}$ apart.

(91)

Dobsoning at 0745 hrs
on Wed 18 Sep 2013

gauge "B" reads 0.37m

$$pH = 6.37$$

~~DB~~ Groming at
0940 hrs on 18/9/13

gauge "A" reads 0.66m

$$pH = 6.17$$

"Rite in the Rain"

Beverly Lebes ~~92~~ (92)

gauge reads $X = 13.0$
at 1130 hrs on Wed

18/9/2013

pH = 8.05

Mears at 1235 hrs
on 18/9/13

gauge D reads 0.57m

Strong W wind.

pH = 8.61

Red (Brueker) at (93)

1420 hrs on Wed

18 Sep 2013

Gauge A reads 0.12m

pH = 4.09

Arden at 1500 hrs on

Wed 18/9/13 reads 1.26m A)

pH = 3.90 (Gauge "A")

Cameron at 1720 hrs on
Wed 18/9/2013, Gauge "D"

"reads" $1.00 - 0.74\text{m} = 0.26\text{m}$

Strong W wind. No sample -
"Rite in the Rain"

Ninam - ~~Thurs~~ ^{Thurs} 19/9/13 95
at 1440 hrs.

0.565 m from BM

up to laser beam (hazy/d.)

and

2.247 m up from
pig fence to laser beam.

Then

0.285 m up from
pig fence to laser beam

and

1.800 m up from
laser edge to laser beam.

pH = 7.74

"Retain the Rain"

(96)

Arnds at 1550 hrs on
Thurs 19/9/2013
Water level approx same as
last Sept. See photos
No sample

Examin at 1010 hrs
on Fri 20 Sep 2013
~~At~~ Doh gauge reads
X = 64
pH = 7.57
Mud too treacherous
Used knucklers

Yarrakon at 1145 on 20/9/13
CBL at gauge "A" is 0.22 m
Water level is < 0.22 m
No photo
No sample

(97)

From 18 May 2012

Andy Chapman's place
near Revestonbury

("Chapman RTHORP")

COODS PRIVATE

Lake Logue at 1355 m
on ~~Wed~~ Fri 20 Sep 2013

George "D" needs 0.10 m
Pls 2, 5, 6, 7, 8, 3, 4,
9, 10, 11, 1. pH = 8.77

"Return the Rain"

50J0320748, 6695409

(98)

- Established LOGU pp12" at
Limestone pinnacles. Took
360° photo at 1505 hrs
(on Fri 20/9/13)

For here.

- Estd "LOGU Track Pt 3a" where tunnel &
and "LOGU Track Pt 4a" where part of 3rd
of later.

Emergence at 0840 hrs
on Sat 21/9/2013
genie "C" reads 0.78 m
pH = 6.84

Established waypoints & took photos

~~of~~ of myxozoa loger and
recording box. Left note.

"ENEM ? logr" 50J0358045
6590989

"ENEM ? logr box" 50J0358023
6590972

(99)

Gureza at 1205 hrs on
Sat 21 Sep 2013

gauge "D" reads 0.60 m
pH = 8.87

Croakers at 1320 hrs
on Sat 21/9/2013

gauge - reads 1.27 m
Mud Dark ceiling
Frogs ceiling.

Bellies of fish in shallow
(see photos)
pH = 7.45

"Rite in the Rain"

Wanmenet at 1520 hrs (100)
on Sat 21/9/13 gauge "A"
reads 1.15 m
pH = 9.29

Yurme at 1610 hrs on 21/9/13
Gauge reads 0.57 m
pH = 6.38

Bombura at 1650 hrs on
Sat 21/9/13 gauge reads ~ 2.60 m
~~2.60 m~~
pH = 7.69

Chandela at 1145 hrs on Sun 22/9/13
gauge "A" reads 1.03 m
pH = 6.82

JAND 1405 hrs 44.72 m pH = 6.45	JCON 16.99 m AAD pH = 8.39
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