

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)

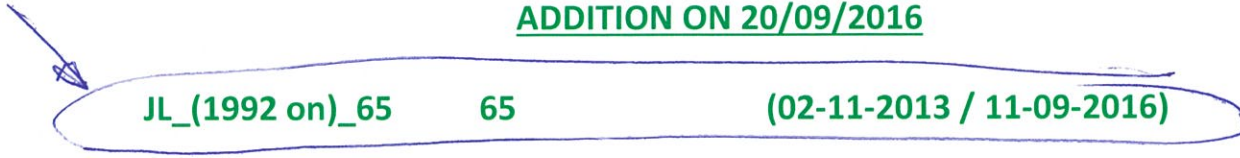
THE END (AS AT 07/06/2014)

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.

ADDITION ON 20/09/2016



JL_(1992 on)_65	65	(02-11-2013 / 11-09-2016)
JL_(1992 on)_66	66	(11-09-2016 / Current)

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100
1/100,000 Meters

0 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 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
1/25,000 Meters - 1/250,000 Meters



Item No. 935 WOODLAND GREEN
NSN: 7530-01-498-2080
Item No. 935T DESERT TAN
NSN: 7530-01-505-3705
J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 • FAX (253) 922-5300
www.RiteintheRain.com
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"Rite in the Rain" - A unique All-Weather
Writing paper created to shed water and
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used throughout the world for recording
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For best results, use a pencil or an all-
weather pen.

RECYCLED / RECYCLABLE
This cover is made of 100%
post-consumer recycled material.



J. LANE

A-65



"Rite in the Rain"
ALL-WEATHER
NOTEBOOK

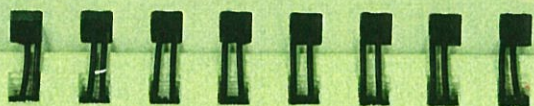
No. 935

0419 956 541

SEP 2013 - SEP 2016

CM	MEASUREMENT CONVERSIONS		INCH
	ENGLISH SYSTEM OF LINEAR MEASURE		
1	12 inches	=	1 foot
2	36 inches	=	1 yard
3	3 feet	=	1 yard
4	1,760 yards	=	1 mile statute
5	2,025.8 yards	=	1 mile nautical
6	5,280 feet	=	1 mile statute
7	6,080.4 feet	=	1 mile nautical
8	63,360 inches	=	1 mile statute
9	72,960 inches	=	1 mile nautical
10	METRIC SYSTEM OF LINEAR MEASURE		
11	1 millimeter	=	millimeter = 0.0393 inches
	10 millimeters	=	centimeter = 0.3937 inches
	10 centimeters	=	decimeter = 3.937 inches
	10 decimeters	=	meter = 39.37 inches
	10 meters	=	decameter = 32.81 feet
	10 decameters	=	hectometer = 328.1 feet
	10 hectometers	=	kilometer = 0.62 mile
	10 kilometers	=	1.0 myriameter = 6.21 miles
	SCALE	1 INCH = S	1 CENTIMETER = S
	1:5,000	416.67 feet 127.00 meters	164.00 feet 50.00 meters
	1:10,000	833.33 feet 254.00 meters	328.10 feet 100.00 meters
	1:12,500	1,041.66 feet 317.00 meters	410.10 feet 125.00 meters
	1:20,000	1,666.67 feet 508.00 meters	656.20 feet 200.00 meters
	1:25,000	2,083.33 feet 635.00 meters	820.20 feet 250.00 meters
	1:50,000	4,166.67 feet 1,270.00 meters	1,640.40 feet 500.00 meters
	1:63,360	5,280.00 feet 1,609.33 meters	2,072.70 feet 635.00 meters
	1:100,000	8,333.33 feet 2,540.00 meters	3,280.80 feet 1,000.00 meters
	1:250,000	20,833.33 feet 6,350.00 meters	8,202.00 feet 2,500.00 meters
	1:500,000	41,667.00 feet 12,700.00 meters	16,404.00 feet 5,000.00 meters

* Note - for details of
 Toondalup Lake water
 levels, time, pH etc
 on Sun 22/9/2013,
 see last page of previous
 notebook and the
 Toondalup Lake entry on
 Th 13 Sep 2012 near the
 start of that notebook.



Sat 02 Nov 2013

(2)

"Egret" at 1210 hrs

Gauge "A" reads 0.50m

pH = 4.02

"Herney 12632" at 1315 hrs

on Sat 02/11/2013

Gauge "A" reads

0.87m

• Photos from BM

• 360 photos from gauge "A"

pH = 5.68

"Rite in the Rain"

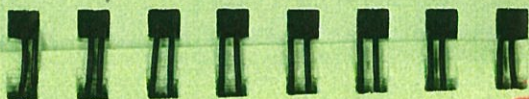
Clifton at 1410 hrs
on Sat 02 Nov 2013

Gauge "C" reads 4.28m

- pH at vent of gully = 8.55
- pH at gauge "C" = 7.92
- pH at junction of
bushy and
limestone paths = 7.47

Nine Mile at 1520 hrs
on Sat 02 Nov 2013

Gauge "B" reads 0.52m
pH = 6.62



McLarty

on Sat 02 Nov 2013

- 360° photos at pp

Gauge "B" reads 0.95m
pH = 8.55

Thomsons at

1725 hrs on Sat 02/11/13

Gauge "E" reads 0.73m
pH = 6.91

GIBB at 1805 hrs ⁽⁵⁾
on 02 Nov 2013
gauge "25"
reads 24.51 m AHD
pH = 6.99

Corrastle at
1840 hrs.
on Sat 02/11/2013
gauge "23 AHD"
reads 21.90 m
AHD
pH = 9.90

Jordanbump at 1700 hrs ⁽⁶⁾
on Sun 03 Nov 2013
gauge "17 m"
reads " 17.01 m AHD
pH = 8.73

Jordanbump at 1835 hrs
on Sun 03/11/13
gauge "45.5"
reads 44.60
pH = 6.50

(7)

Dobsoning on Mon
04 Nov 2013
at 1015 hrs LBL
at Gauge "B" is 0.33 m

Dry at at 1020 hrs
• 2 photos of dropper
• 360° photos from dropper

Goonging at 1130 hrs
on 04 Nov 2013
"gonging area" from
25-40 m away through
thicket as I got
within 50 m of gauge



Goonging 4/11/13

Gauge "A" reads 0.54 m
pH = 6.07 (8)

Benevolence at ~~1355~~ 1355
hrs on Mon 04/11/13

Gauge reads 0.19 m
pH = 7.72

Mears on Mon 4/11/13
at 1510 hrs gauge "D"
reads 0.41 m
pH = 8.51
"Rite in the Rain"

(9)

Red Lake at 1705 hrs
on Mon 04 Nov 2013
is DRY.

Arbuthnot at 1730 hrs
on 04/11/13 gauge
"A" reads 0.99m
Still + hat!
pH = 3.70

Compton at 1000 hrs
on Tues 05 Nov 2013
is DRY



(10)

Nunan at 1500 hrs
on Tues 05 Nov 2013

- 0.385 m from BM up
to laser beam
 - 2.280
~~2.276~~ from ground up to
laser beam
 - move laser beam towards
lake
 - 0.463 m from ground up
to laser beam in new
position
 - 1.866 m up from lake
edge to laser beam in new
position
- pH = 7.40
"Rite in the Rain"

(11)

Eggen at 1820 hrs
on Thu 05 Nov 2013
is DRY

Freming at 0903 hrs
on Wed 06 Nov 2013

Gauge "C"
needs 0.70 m
pH = 7.42

Conroy at 1020 hrs
on Wed 06 Nov 2013

Gauge "D" needs 0.63 m



pH = 8.82

Removed a dropper
(photo'd)

Still a gelc urn &
maybe depth gauges to
remove

~~Crackers~~ Crakers at
1120 hrs on Wed 06 Nov 2013

Gauge "B" needs 2.02
(ie 1.02 m)

pH = 7.47

(13)

L'Annel at 1300 hrs
on Wed 06 Nov 2013

Gauge "A"
needs 1.14 m
(u 1.14 m)

pH = 10.10

Yume at 1355 hrs
on Wed 06/11/13

Gauge "A" needs 0.37 m

• Photos of sleep

• 360° photos from
Gauge "A"

pH = 7.37



(14)

Bambur at 1425 L
on Wed 06 Nov 2013

Gauge "C"
needs 2.36 m

pH = 8.01

Chendala at 1525 hrs
on Wed 06/11/13

Gauge "A" needs 0.78 m

50J 0400522 6514536

Estd "CHAN TOO XING"

at spot where roots pass
through fence (and me)

~~Retain in the Rain~~ pH = 7.58

(15)

"Bogus Brook 18239" (Kuleys)
at 1315 hrs on
Sun 10 Nov 2013
gauge "A" reads 0.07m
pH = 7.94

Townsend at 1400 hrs
on Sun 10/11/13
4.00 - 0.81 = 3.19 m
pH = 8.55

West Arthur 5256
at 1450 hrs on Sun 10/11/13
is DRY



(16)

1520 hrs on Sun 10/11/13
White Holder "Apollo" sedan
KTA 10830

Robinson Rd, between
Aiken Hwy + Makers Rd.

15 m off Rd.

Martinez at 1535 hrs
on Sun 10/11/13
gauge "3" reads 0.19 m
pH = 8.95

Flagstaff at 1605 hrs
on Sun 10/11/13 gauge "B"
reads 0.28 m pH = 8.41
"Rite in the Rain"

(17)

Parkway at 1645 hr
on Sun 10 Nov 2013
gauge "A" reads 0.54 m
Water column & bed
has no / v. little macrophyte
growth. Water column clear
pH = 8.00

Little White at 0900 hr
on Mon 11/11/2013
gauge "A" read 0.38 m
pH = 7.30

LAWNS - MON



(18)

White (Narrow) at
0925 hr on Mon 11 Nov 2013
is DRY

Tarablin (South) at
1000 hr on Mon 11 Nov 2013
is DRY

Walshyry at ~~1000~~ 1040 hr
on Mon 11/11/13
is DRY

Tarablin (North) at 1035 hr
on Mon 11/11/13

is 0.09 m
No water sample. 2 RePlacer
Kit in the Room

Todderson at 1100 hrs
on Mon 11/11/2013
is Behind Dry

Dunbarney at 1110 hrs
on 11/11/13
is DRY

Yealery at 1210 hrs
on Mon 11/11/13
gauge "C" reads 1.40m
pH = 8.15

Brown at 1250 hrs
on Mon 11/11/2013
gauge "B" reads 0.46m



Brown on 11/11/2013 contd.
pH = 9.28

White Water at 1310 hrs
on Mon 11/11/13
is DRY

Coprin 12900" at
1450 hrs on Mon 11/11/2013

- c 300 Gey Test
- 1 Gey Test c 9 Class III
- 1 W. L. Horn
- 1 Anaschus Hobby (?) or similar

Gauge "C" reads 0.97m

"lit in the rain"

Varley at 0910 hrs
on Tues 12 Nov 2013
is DRY

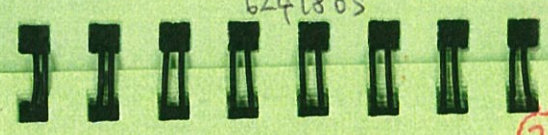
Atkins Ychiⁿ at 1030 hrs
on Tues 12 Nov 2013
is DRY

Estn WFR at Gaugeⁿ F
same? correct?

Serlaculup at 1315 hrs
on Tues 12/11/13

Gaugeⁿ A reads 2.07m
pH = 9.14

Estn "JERB" 514 024 6653
624 1805



North Poring at 1430 hrs
on Tues 12 Nov 2013

Gaugeⁿ B reads 1.38m
pH = 8.60

Esqueme 26610 at
1575 hrs on Tues 12/11/2013

Gaugeⁿ "FW" (3m)
reads 2.50m
pH = 7.63

Coomalbyding at 1615 hrs
on Tues 12 Nov 2013

Gaugeⁿ "C" reads 1.18m
pH = 8.04
"Rite in the Rain"

(23)

Gore at 1710 hrs
on Tues 12 Nov 2013.
gauge "C" reads 1.78 m
pH = 8.47

Warden at 0920 hrs on
Wed 13 Nov 2013.
District gauge reads 1.14 m
Gauge "B" reads 1.15 m
pH = 8.56

Shute Lake at 1005 hrs
on Wed 13 Nov 2013
gauge "A" reads 2.06 m
pH = 7.87



(24)

Wheatfield at 1030 hrs
on Wed 13 Nov 2013.
gauge "B" reads 1.68 m
pH = 8.24

Stetson at 1105 hrs
on Wed 13/11/13
gauge "A" reads 0.63 m
pH = 9.33

Big Horn at 1325 hrs
on 13/11/13
Gauge "A" reads 1.13 m
pH = 7.27

Est'd "MLGR 87" at 51 H 0419066

(25)

6240162
Mont Lelant at 1950h
on Wed 13 Nov 2013

gauge "A" reads 1.63 m
pH = 6.3

Mortynog at 0930 h
on Thurs 14 Nov 2013

gauge "B" reads 2.00 - 0.12 m
= ~~1.88~~ 1.88 m

pH = 8.6

Ronney at 1325 h
on Th 14/11/13

is DRY

Est'd "RONN TP1" at 50 H 0746106
6315510



Bennetts at 1350 h
on Th 14 Nov 2013
is DRY

(26)

Lebe Bryde at
1520 h on Th 14/11/2013
is DRY

Kent 29020" at 1530 h
on Th 14/11/13 is DRY

"Rage Rd Lake" at 1630
on Th 14/11/13 is DRY

Yaeling at 1745 h on
Th 14/11/13 is DRY

"Rite in the Rain"

c 1820 (27)
At Home at hrs
on Th 14 Nov 2013
is DRY

Coyne at 0825 hrs
on Fri 15/11/13
gauge "C" reads 0.87m
pH = 7.88

Coomer at 0910 hrs
on Fri 15/11/13
gauge "C" reads 0.95m
pH = 10.03



(28)
Coomelberg at 0955 hrs
on Fri 15 Nov 2013
gauge "A" reads 0.73m
pH = 7.98

Dumblyny at 1125 hrs
on Fri 15 Nov 2013
gauge "D" reads 0.38m
pH = 7.55

Est. WPT "DUMB TPI"

at turnoff from road, into Lake

Dumblyny gauge access

50 H 055'9453

6306795

"Kite in the Rain"

(29)

Estn "PILL rain gage"
50H 0602932
6187161 elev 207m
at logging bucket rain
gage at 1525m
on Wed 04 Dec 2013

Estn ~~"PILL"~~ "PILL A"
50H 0601160 6187553
elev 195m
at Pillenong Gorge "A"
on Wed 04 Dec 2013

Estn "PILL B"
50H 0601112 6187539, elev 196m
at Pillenong Swamp
depth gage "B" on 04 Dec 2013



(30)

Mettler at 0846 hrs
on Thurs 05 Dec 2013

Gauge "F" reads 0.28m
No sample

Estn "METT TP1" (50H 0645653, 6173571)

Estn "METT rain gage" (sic)
at the Mettler Swamp logging
bucket rainfall gage on 05/12/13

Estn the following at ALB2 on 05/12/13

"ALB2 TP1" (50H 0616847, 6149780)

"ALB2 ~~TP1~~" (50H 0618748, 6147493)

"ALB2 camera" (50H 0618776, 6147181)

"ALB2 rain gage" (50H 0618799, 6147437)

"ALB2 TP2" (50H 0618838, 6148259)

"ALB2 TP3" (50H 0618833, 6147504)

"It's in the Rain"

(31)

Maringuap on Fri 06 Dec 2013
(sic)

Estn WPT "MART rain gauge"

SOH 0431387, 6144205
elev 27m

Maringuap
Done by Celestia
pH at 1100h on
Fri 06 Dec 2013
is 7.97

(32)

"ALB2" on ~~Wed~~ ^{Thurs} 05 Dec 2013 (contd.)

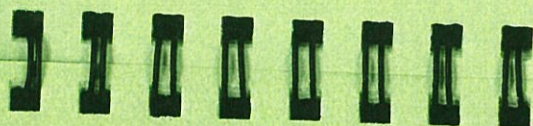
Estn:

"ALB2TP4" (SOH 0618824, 6147282)
"ALB2TP5" (SOH 0618808, 6147168)

PLEASANT VIEW on 05 Dec 2013

Estn:

"PLEA rain gauge" (SOH 0608455, 6145504)
"PLEA camera" (SOH 0608372, 6145982)
"PLEA TPI" (SOH 0608308, 6145054)



Wed 5 Nov 2014

(33)

Left Bsn at 1045 hr

EGRET at 1150 hr

Gauge "A" reads 0.26 m

pH = 3.85

"HARVEY 12632"

at 1245 hr on Wed

05/11/14 gauge "A"

reads 0.67 m

Three plots from BM

pH = 5.81

"Rite in the Rain"

(34)

CLIFTON at 1335 hrs
 on Wed 05 Nov 2014
 gauge "C" reads
 4.16 m

pH at end of path = 8.26

" " gauge "C" = 7.99

pH at end of
 limestone path = 7.33

NINE MILE at 1420

hrs on Wed 5/11/14
 gauge "B" like Red Level (CBL)
 is 0.27 m



NINE Mile Contd

(35)

at 1430 hrs on 05/11/14

measured a depth
 of 0.36 m at "NINE

Upper waypoint
~~train~~

pH = 7.42

McLarty at 1510 hrs

on Wed 05/11/14

gauge "B" reads 0.48 m

pH = 9.38

Thomson Lake

(36)

at 0740 hrs

on Th 06 Nov 2014

gauge "E" reads 0.64m

pH = 6.91

GISB at 0820 hrs

on Th 06/11/14

gauge "25" reads

24.53m

pH = 6.93



Forrest Lake

(37)

at 0905 hrs on

Th 06 Nov 2014

gauge ~~"23"~~ "23"

reads 21.85m

pH = 9.39

Wondelup Lake at

1105 hrs on Th 06/11/14

gauge "18M" reads

16.96m

pH = 9.15

(38)

JANDABUP Lake

at 1140 hrs on

Th 06 Nov 2010

gauge "45.2"

reads 44.57m

pH = 6.38

CHANDALA Swamp

at 1405 hrs

Th 06 Nov 2014

gauge "A" reads 0.82m

pH = 7.56

BAMBUN Lake

at 1445 hrs

on Th 06 Nov 2014

gauge ?

reads 2.48m

pH = 9.12

YURENE at 1545 hrs

on Th 06 / 11 / 14

gauge Lake Bed Level

at gauge "A"

is 0.00m

lake is DRY

WARRAWARRA at (40)
1625 hrs on Thu 06/11/14
gauge "A" reads
1.020 m
pH = 10.06

CRACKERS at 0835h
on Fri 07 Nov 2014
gauge "B"
reads X.01
(= 1.01 m)
pH = 7.57

Photos of cattle tracks.

EVERINGA at 0940h (41)
on Fri 07 Nov 2014
is DRY

LBS at gauge "C"
is 0.04 m

Took photos of
"ENEM" ga EAST"
at 0945 hrs.

I couldn't find
"ENEM FLOW TSC"

YARRA YARRA at 1240h
on Fri 07 Nov 14
is DRY

"Rain in the Rain"

(42)

HINDS at 1545 hrs
on Fri 07 Nov 2014
is DRY

Ninan at 1700 hrs
on Fri 07 Nov 2014

Height over BM = 0.491
1st height over survey peg = 2.413
2nd " " " " 0.613
Height at WPTs 220 + 221 = 1.939
" " broken edge 2.046

Height at peg at
Sep 2014 } = 1.880
(ie WPT 220 or 221)

End 1800 hrs -

30°57'03.6"S, 116°39'17.2"E

~~E~~ NINAN Contd.

Est "NINA" survey peg "A"
at newly established

survey peg at 1800 hrs

on Fri 07 Nov 2014

photo'd

No sample taken

WALYORUMOUNT

at 0825 hrs on Sat 08/11/14

is DRY

ARDATH at 1255 hrs

on Sat 08 Nov 2014

Gauge "A" reads 0.85 m

pH = 3.75

"Rain in the Rain"

RED (Bence rock)

(44)

at 1325 hrs on
Sat 08 Nov 2014

is DRY

MEARS at 1500 hrs

on Sat 08 Nov 2014

Gauge "D" reads 0.79 m

pH = 9.94

BEVELLY at 1535Z

on Sat 08/11/14

Gauge "D" reads 2.47 m

~~2.47~~

pH = 7.99



(45)

DOBADERRY at 0950 hrs

on Sun 09 Nov 2014

is DRY

Took photos of BM

and 360° photos

at waypoint "DOBA Nov 08 spt"

GOONAPING at 1120 hrs

on Sun 09/11/14

Gauge "A" reads 0.46 m

Swampy floor is dry,

except for gauge pool

and a pig hollow at

WPT 287 (Goon pwt Nov 14)

(32° 08' 57.0"S, 116° 35' 48.4"E)

3 Class I PARB duckling

at ~~gauge~~ "A" (photo)

GoonM Pools cont'd on
Sun 09/11/14

pH = 7.18

Estd WPT 288

at base of house (photographed)
(now "GoonM hotel N14")

$32^{\circ}08'54.0''\text{S}$, $116^{\circ}35'51.4''\text{E}$

Estd WPT 289 at

another pig wallow

(now "GoonM p23 Nov 14")

$32^{\circ}08'58.9''\text{S}$, $116^{\circ}35'48.5''\text{E}$

Estd WPT 290 at another

(old?) pig wallow (now "GoonM p23 Nov 14")

$32^{\circ}08'59.9''\text{S}$, $116^{\circ}35'49.6''\text{E}$



"Sage Barrier"

✓ Very early photograph
at 0705 hrs on

Fri 28/11/2014

u/s gage = +0.44 m

d/s gage = +0.43 m

Stop boards are in

No discernible flow

"Sage Barrier"

✓ Homey Early photograph

at 0710 hrs on Fri 28/11

u/s = +0.24 m

d/s = +0.46 m

Stop boards in

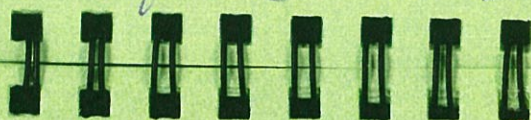
No flow

"Rite in the Rain"

(148)

Wonnang Inlet mouth
at 11050 hrs on
Fri 28/11/2014 is closed
and at this (low) tide
level the sandbar is
approx 1 metre high x 50m
wide at its narrowest
point. It is trafficable.

Wonnang estuary floodgates gauges
at 0900 hrs on Thu 11/12/2014
read = +0.18 m a/s
indistinguishable d/s
all "highbanks" are empty
No flow (~~gates~~ closed)



(149)

Vase estuary floodgates
gauges at 0910 hrs
on Thu 11/12/2014
read +0.345 m a/s
the very same -0.15 m d/s
(illegible)

One light measured (look to go)
Wonnang floodgates d/s
level at c 0850 hrs
this morning - It
was -0.16 m (AHH)

Chloe says Peter Corr
opened the Wonnang
Inlet sandbar yesterday
"like in the rain"

(12 on Wed 10 Dec 2014) (50)

G. Nugent & I visited the an
Send Gary Nugent the
Tidel Datum - MAAD
conversion figure

Sat 12 Sept 2015

Expt at 1155 hr

Gauge "A" = 0.37m

pH = 3.14

Common butterfly dead!



Sat 12 Sept 2015 (51)

"HARVEY 12632" a

at 1245 hr

Gauge "A" reads 0.06m!

pH = 6.50

CLIFTON

at 1335 hr

Gauge "D" reads 3.95m!

Water level low!

Too shallow for sample
at Gauge "E"

pH (at gauge "D") = 8.04

"Rite in the Rain"

NINE MILE at 1415 hrs
on Sat 12 Sept 2015
gauge "B" LBL = 0.25 m

gauge "D" reads 0.13 m
at 1440 hrs.

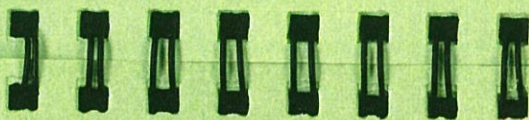
pH = 7.21

MCLARTY

at 1520 hrs on 12/9

Gauge "B"
reads 0.41 m

pH = 7.43



THOMSONS at 0940 hrs
on Sun 13 Sept 2015
reads 0.49 m
Two shelled for water sample

GIBBS at 1025 hrs
on 13/9/15

gauge "25" reads 24.53 m ^{AND}
pH = 7.09

FORRESTALE at 1105 hrs

on Sun 13/9/15

gauge "23" ^{AND} reads 21.80 m ^{AND}
pH = 9.14

"Rite in the Rain"

Mayde? (54)
BE 5173 Red froghead

173 BE Tanager "gold"
"leucocoma"?

at DOBA

GOODWIN

at 1540 hr on Sun 13 Sept 2015

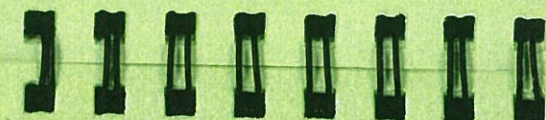
gauge "A" reads 0.58 m

pH = 6.80

Took 2 photos of pig droppings

DOBAERY at 1635 hr

on Sun 13/9/2015



DOBAERY (CONTD.)

~~the~~ LBL =

Depth of water at

= 0.08 m

(and distance from top of stake
down to water level is
0.44 m)

Took 360° photos at 1640 hr

pH = 7.26

BEVERLY LARSES

at 0835 hr on Mon 14/9/15

gauge (highest) reads 9.08 m
(9.08 m)

pH = 7.92

"Rite in the Rain"

(56)

MEARS at 0930 hrs
on Mon 14 Sept 2015
gauge "D" reads 0.30 m
(LBL = 0.29 m)
pH = ~~7.61~~ 7.61

NOONXING at 1110 hrs
on Mon 14/09/2015
gauge "A" reads 0.23 m
pH = 7.85

CAMPION at 1415 hrs on 14/9
reads 1.02 m (gauge "B")
pH = 4.56



(57)

WILYORHARTING at 0810 hrs
on Tues 15 Sept 2015
gauge " " reads 0.51 m
pH = 8.57

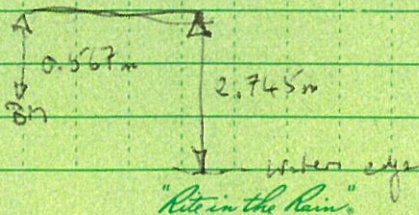
NIWAN

0.567 above BM

2.800

- 0.055

2.745 above water edge



NINAW ~~WRAW~~ 2/11/15

Water level = $3.492 + 0.567 - 2.745$

= 3.492

(58)

3.492

+ 0.567

4.059

- 2.745

= 1.314 m

2/11/15

~~3.492~~

~~+ 0.567~~

~~4.059~~

~~- 2.745~~

~~= 3.492~~

~~4.059~~

~~- 2.745~~

~~= 1.314 m~~

at 0945 hr on Tues 15/9/2015

pH = 7.68



HINDS at 1105 hr
on Tues 15 Sept 2015

(59)

Line level set at 2.60 m DRLW
on page "A"

15 metres to dapples positioned
at current water edge

0.74 m from line down to
water surface

Therefore current water level

is 2.60

- 0.74

= 1.86 m DRLW

Removed dapples

pH = 8.41

"Rite in the Rain"

(60)

LOGAN on Thu 15 Sept 2015

Track impassable due to water
Wetted in

Water flowing out along
several tracks (last 50m)

Gauge ⁽ⁱⁿ⁾ read 2.58 m
at 1450 hr

pH = 7.92

(to + from vehicle)

Total distance walked was

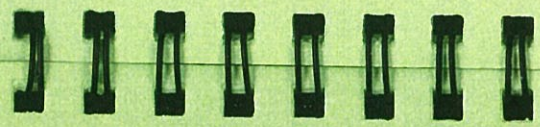
2.7 km in 50 mins (total)

YARRA YARRA at 0910 hr

on Wed 16/9/2015

LIBL at gauge "A" = 0.22 m

Gauge "B" reads 0.18 m at 0925 hr



YARRA pH = 7.55

(61)

LOGAN on Wed 16/9/2015

1200 hrs at "LOGAN ~~PP1~~ PP1"

Took 360° photos starting N
and rotating clockwise

1205 hrs at "LOGAN PP 11"

Took 360° photos -- etc (ditto)

1210 hrs at "LOGAN PP 10"

Took 360° photos -- etc (ditto)

1215 hrs at gauge "D"

reads 0.36 m Took water

sample here pH = 7.55
like in the rain

(62)

1220 hrs at "LOGU ~~PP8~~ PP9"

took two photos of tree

1225 hrs at "LOGU PP8"

took 360° photos --- etc (shots)

Then took 360° photos at PP7,
PP6 & PP5 (1240 hrs)

1250 hrs Took 3 photos at PP3

1255 hrs Took c. 4 photos at PP4



Back at vehicle (at LOGU) at

(63)

1310 hrs. Total walk 3.20 hrs

Max speed 7.3 km/hr - Moving average

3.0 km/hr - Overall average 2.1 km/hr

Stopped 25 mins

ENEMINGA at 1630 hrs

on Wed 16/9/2015

Gage --- reads 0.08 m

pH = 8.99

GURAGA at 0930 hrs on Thurs

17 Sept 2015. LBL at gage "D" = 0.37 m

Water edge is c. 200 m further west

No sample

Walked 2.36 km to here

"Rite in the Rain"

Guatemala 17/9/2015 Contd.

Beetle at vehicle at 1015 hrs (64)

Wellhead ca. 90 km

Max speed ≈ 6.9 km/hr

Moving average 3.9 " "

Overall " 3.4 " "

Moving time ~~0.25~~ 1 hr 15 mins

Stopped 11 mins

Look on gate to Guaymas
to Westwooder faultline "NK6"
(see photos)

CRAZEYS at 1110 km

on Thurs 17 Sept 2015

gauge "B" reads 0.54 m

pH = 8.07



LAVANNA at 1255 km (65)

on Thurs 17 Sept 2015

Gauge "A" depth is

~~1.00~~ 1.00 - 0.11 = 0.89 m

pH = 9.11

YURINE at 1350 km

on Th 17/9

is DRY

BAMBUAL at 1445 km on
Th 17/9/12 gauge "C"?

reads 2.53 m

pH = 7.56

"Rite in the Rain"

(66)

CHONDALA at 1530 hrs
on Thurs 17 Sept 2015
gauge "A" reads 0.88 m
Tortoise at surface.

pH = 7.15

JANABUL at 1520 hrs
on Fri 18/9/2015

gauge "45.5 m" (the first
gauge along the duct)
reads 44.55 m
No photo.

pH = 6.43

(67)

JANABUL
at 1610 hrs
on Fri 18 Sept 2015

gauge "18 m" reads

16.91 m

pH = 8.68

EGRET at 1320 hrs
on Sunday 08 Nov 2015
is DRY.

(68)

"HARVEY R632" at
approx 1415 hrs on Sun 08/11
is DRY

Took photos at

- HARV PP2
- Gauge A -
- HARV PP3
- HARV PP5
- HARV PP6
- HARV PP4
- HARV PP7



- HARV PP2
- Then photos of vegetation

(69)

- Then photos of BM
- Then photos (2) from BM

Front back of vehicle at 1445 hrs
1445 hrs

CLIFTON at 1530 hrs
on Sun 08 Nov 2015 gauge
reads 3.84 m. V. strong

SW wind. Fine.

pH = 7.70

(end of
"jetty")

No other samples taken.

See photos.

"Rite in the Rain"

(70)

NINE MILE out 1625 hrs

on Sun 08 Nov 2015

gauge "D" reads $\rightarrow 0.15\text{m}$
(that's minus 0.15m)

Still shallows wet areas.

No sample taken (too shallow)

McLARRY on Sun 08/11/15

gauge "B" Lake Bed Level

(LBL) is 0.14m .

50H 0379484
6380232

Est'd WPT "426" at old fencepost

From top of post down to
water level is 0.80m

Depth here is 0.28m , but



There is in a depression. Took photos.

Depth of ground surface

nearby is 0.15m (1717 hrs)

50H 0379425
6380200

Est'd WPT "427" at nearby

double-cage-iron post

Took photos

0.91m from top of cage iron
down to water surface

Water depth here is 0.22m

in depression at cage iron

and 0.15m nearby

50H 0379392
6380211

Est'd WPT "428" at another

double-cage-iron setting. Took photos

Water level is 0.80m below top

of cage iron.

"Rite in the Rain"

(72)

Water depth here is 0.20 m
(depression) and 0.15 m
nearby.

Look under sample near
WPT 427.

pH = 7.51

THOMSONS on Mon 09/11/15
Polygraph gauges

Walked out towards gauge "C"
Est'd WPT THOMPS on the way
and took 360° photos from here,
sketching N (direction of gauge "C")



Est'd WPT "THOM C" at gauge "C" (73)
At 0900 hrs on Mon 09/11/15

gauge "C" reads
0.21 m. Wind
very light. Fries

Look under sample here

pH = 9.33

Est WPT "THOM D" to gauge "D"

WRITE EASTINGS + NORTHINGS HERE (FOR NEW WPTS)

"THOM PP1": 5040389503, 6441593

"THOM C": 5040389510, 6441710

"THOM D": 5040389535, 6441582

REBB at 1005 hrs on Mon 09 Nov 15

gauge "25" reads 24.35 m AHD

pH = ~~7.23~~ 7.23

24.35

-23.84

0.51 m AHD

"Rite in the Rain"

(74)

FORRESTDALE at 1235h
on Mon 09 Nov 2015
is DRY.

NOTE THAT: From
c 1020 - 1220 hrs today
I was cutting my back fence
cutting from right rear
wheel + axle - had
to remove wheel to do so.
Afterwards, while driving,
noticed the "ABS" light
was on. Checked
manual. OK to
continue. I took
photos of the above.

(75)

DOBDALEY at 1630h
on Mon 09 Nov 2015
is DRY.

Took 360° photos at "DOBDALEY apt"
(2x) ^{photo}
(1 in reverse order)

COONALONG at 1735h
on Mon 09 Nov 2015
Gauge "A" reads 0.23m
Water only in hole at gauge.
Line level indicates water
extends out of hole and
onto lake bed at approx 0.50m
(0.57m - 0.07m) - see photo -
"Kitt in the Rain".

(76)

No sample taken as water
is mostly slurry, due to
animal activity.
Found a pig (?) lower
down 50m away

Plot type just east
of Brookton

BEVERLEY LAKES at 1025 hrs
on Tues 10 Nov 2015

Gauge reads 8.88 m
pH = 7.82

8.88
- 8.16
0.72
m gauge



(77)

MEARS at 1110 hrs
on Tues 10/11/2015
Gauge "D" LBL = 0.28 m
Depth = < 0.28 m
No sample

NOONWING at 1354 hrs
on Tues 10/11/2015

Gauge "A" ~~reads~~ LBL = 0.21 m
Depth < 0.21 m
= 0.105 m

pH = 6.86

CAMPION at 0650 hrs
on Wed 11 Nov 2015

Gauge "B" ~~reads~~ ~~reads~~
"Rit in the Rain"

CAMPION on 11 Nov 2015 contd

gauge "B" reads 1.00 - 0.195 ⁽⁷⁸⁾
= 0.805 ~~the new gauge~~

Gauge "D" reads 0.815 m
(or nearly 0.810 m)

→ gauge differences
is 0.005 to 0.010 m
(ie, in that range).

Flat Calm. No Wind.

pt = 3.84

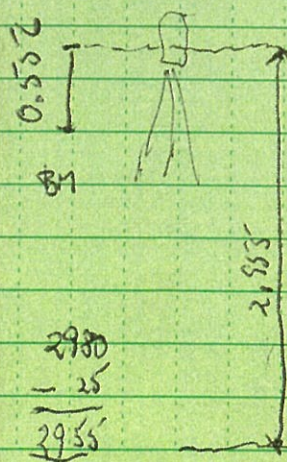
Why two BM's? Picked the
old one, then the "new" (HU409).
Therefore I already had WPTS
for both, so HU409 is not new.



WALYORONWENT at 1005hr ⁽⁷⁹⁾
on Wed 11 Nov 2015

gauge reads 0.22 m
pt = 9.18

NEVA on Wed 4/11/2015



Water level = Birmingham
= Birmingham - (2.955 - 0.556)
= 3.942 - 2.399
= 1.543 m A.M.
at approx 1150 hrs

Water edge
"Rite in the Rain"

water's edge (88)
But Sep 2015, photo showed
a higher water level
So I checked Sept calculations
and found an error!

pH = 7.77

HINDS at 1420 hrs
on Wed 11 Nov 2015

Gauge "B" reads 1.63 m
No wind. Hot.

pH = 8.58

EGANU at 0730 hrs on
Th 12 Nov 2015 gauge "C" reads 2.22 m
pH = 9.46



(81)
YARRA YARRA at 0930 hrs
on Thurs 12 Nov 2015 is DRY

LOGUE at 1645 hrs
on Thurs 12/11/15
gauge "D" reads 0.08 m
pH = 7.85

Photos also at

- PP2 ~~PP2~~ - flowering
- wrong tree
- ~~PP3~~ PP3
- ~~PP4~~ PP4
- ~~PP9~~ PP9

Back at vehicle at 1725 hrs

Distance walked (GPS) = 2.9 km in 57 mins.
"Rite in the Rain"

CRACKERS at 0615 hrs

82

on Sat 14/11/2015

gauge "B" is dry
and LBL = 0.52 m

Gauge "A" at 0635 hrs

reads 0.47 m

pH = 8.61

WANNANAL at 0845 hrs

on Sat 14/11/15 gauge

reads 0.62 m

pH = 9.17

YURENE at 0945 hrs

on Sat 14/11/15 is DRY



BAMBUN at 1540 hrs

83

on Sat 14 Nov 2015

gauge "C" reads 2.31 m

~~gauge "A" reads 0.64 m~~

pH = 9.68

CHANDALA at 0530 hrs

on Sun 15 Nov 2015

gauge "A" reads 0.64 m

At 0600 hrs, gauge "B"

reads 0.65 m.

pH = 6.67

Walked up to 4.8 km in the 20 min

(based on 2.03 km trekked)

Back at "Hut on the Rain" 0640 hrs

84

JANDARUP at 0815 hrs
on Sun 15 NOV 2015
gauge "45.2"
reads 44.43 m (AMM)
pH = 6.79

JONDARUP at 0930 hrs
on Sun 15/11/15
gauge "18M" reads 16.78 m
pH = 8.78

85

Harvey 12632 on
Fri 22 January 2016

- Took photos of burnt brush between road + gauge side
- 360° photos at BM
- Photos of BM + Wilsons Pike
- Photo of wicket (for time)
- Estate WPT "HARV PP3"
- 50H 0386556, 6348931
- Photos (180°) from WPT "HARV PP3"
- Photos (360°) from Gauge "A"
- Photos of "Gauge A"
- Photos (360°) from PP3
- " " " PP5
- " " " PP6
- " " " PP4

"Rite in the Rain"

- Photos (360°) from PP7
- False start at PP1 (2 or 3 photos)
- Photos (360°) from PP1
- One extra photo from 3 or north (opposite) of PP1

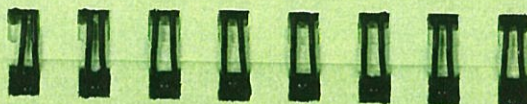
MARTINUP at 1217 hrs

on Mon 25/1/2016

Gauge "B" LBL = ~~0.04m~~ 0.04m

Depth is ~~0.04m~~ < 0.04m

No sample taken



"WEST ANNAH 5456"

Gauge "A" reads 0.78 m

at 1303 hrs

No sample

TOWERENNAC

at 1345 hrs on Mon 25/1/16

3.40
- 0.12
= 3.28 m

Gauge "B" reads

No sample

TOWE outflow. Finning out strongly
No boats visible. Took photos.
at ~ 1410 hrs

"Life in the Rain"

'BOYUP Brook 1823 9" (88)

(Kullene)

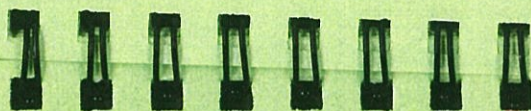
at 1510 hrs on Mon
25/1/2016 is DRY.

LBL of gauge "A" is 0.04m.

NGOLF TUNNEL

at 1705 hrs
on Mon 25/1/2016
is DRY

LBL at Gauge "A" is 0.00m



WARRENUP at 0905 hrs (89)

on Tues 26/1/2015

Gauge "B" LBL is 0.25m

Gauge "A" LBL is 0.18m

Leak is DRY.

ESTABL WPT "WARRE A"

SD H 0533594 6199609

KWORNELUP at 1000 hrs

on Tues 26/1/2016

LBL of Gauge "A" is 0.04m

Depth is $\leq 0.04m$

"Rite in the Rain"

YARADUP at 1123 km (90)
on Tues 26/1/2016.
LBL of gage "B" is 0.08 m

Depth is ≤ 0.08 m

No sample taken

Took Photos.

NOOBIFAL at 1150 km
on Tues 26/1/2016
LBL at gage "B" is 0.01 m
Lebe is ~~0.01~~ ≤ 0.01 m

UNECAP at 1303 km
on Tues 26/1/2016
gage -- reads 0.09 m.

Estid WPT "UNEC A" (91)
50H 0474491 6199937

~~UNEC A~~

"UNEC A"

LBL at gage "A" = 0.39 m

Estid WPT "UNEC C"

50H 0474417 6199994

LBL at gage "C" = 1.52 m
(1.52 m)

Lebe Murr viewing point (M3)
on north side of Lebe at

1340 hrs on Tues 26/1/2016

Four braiaia grazing on NE Lebe
bed. Large pools of water on

"Kite in the Rain" Lebe bed.

JASPER at 1620 hrs on (92)

Tues 26/1/2016. 50H0379764
6190452

Esthd WPT "JASPA" at

Gauge "A". Like Bed Level v

Gauge "A" = 9.05 m

Depth < 9.05 m

Esthd WPT "JASP '40'" at

Dow (prembly) dya gauge.

50H0379799, 6190467

This gauge "read" 39.00

- 0.31

= 38.69 m A

WISOW at 1705 hrs

on Tues 26/1/2016

AND?

Gauge "A" reads 3.37 m

No sample



Sunday 11 Sept 2016 (93)

Left Bin at 1215 hrs

EGRET at 1325 hrs

Gauge "A" reads 0.46 m

pH = 2.79 !!

HARVEY 12632

at 1417 hrs.

2 photos of BM + Witness Pole

3 photos panorama of lake (from BM)

2 photos of Gauge

Gauge "A" reads 0.68 m

pH = 6.34

"Rite in the Rain"

NINE MILE

94

at 1459 hrs
on Sun 11/9/2016
gauge "B" reads 0.26 m
at 1305 hrs 1505

gauge "D" read 0.27 m

pH = 6.69 (at gauge "D")

Long-necked Tortoise seen

MCLARTY 50H0379501
6379615

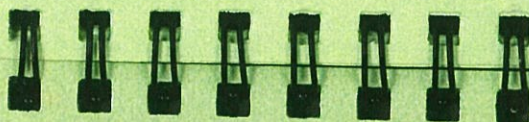
Checked WPT "MCLA A4"

at gauge "A" at 1545 hrs (3 m accuracy)

Took photos: 50H0379435 6379802

Checked WPT "MCLA B1" (3 m accuracy)

at gauge "B" at 1535 hrs



gauge B (M. Clardy)

95

reads 0.65 m at 1535 hrs

on Sun 11/9/2016

pH = 8.11 (Sample at Gauge B)

Now "MCLA FOLM gauge" 50H0379197

Estol WPT ~~MCLA~~ peps 6380765

at 1620 hrs. Took photos

of ~~gauge~~ at ~~1620~~ 0.10 m

down to water surface
1.22 m from top of pipe to lake bed

0.64 m from water surface down
to lake bed

Gauge (pipe) reading is 0.65 m

(0.70 - 0.05 = 0.65)

"Rite in the Rain"

now "MCLA FOLM gauge"
pH at ~~"MCLA paper"~~
at 1625 hrs on
Sun 11 Sep 2016
to: 8.78

(96)
END

Moderate SE breeze.

Cond.
Vehicle fuel
PIL for Adams
0529

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



"Field worthy writing products."

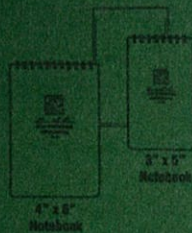
Copier Paper



Tactical Bound Book



Leather Cover (black)



3" x 5" Notebook

4" x 6" Notebook

Leave Leaf with Binder



No. 205 Field Desk (gray)



All-Weather Pens (black)

No. 90

No. 97

Products are available in woodland green and desert tan.

www.RiteintheRain.com/tact.html