

Revised 16/6/2014.

Alan Clarke's Field Notebooks

(INDEX)

(Only pages with notes are numbered)

None of these have been scanned.

get

- 1. 1992- 1995 (12-07-1992/19-10-1995)
- 2. 1995-1996 (06-11-1995/²¹⁻¹¹⁻¹⁹⁹⁶~~20-02-1996~~)*
- 3. 1995-1996 (08-11-1996/11-03-1996)*
- 4. 1996 (12-04-1996/21-11-1996)*
- 5. 1996-1997 (09-12-1996/06-08-1997)
- 6. 1997 (13-08-1997/14-10-1997)
- 7. 1997-1998 (20-10-97/23-10-1998)
- 8. 1998 (04-05-1998/04-05-1998)
- 9. 1998-1999 (08-09-1998/04-02-1999)
- 10. 1998-1999 (30-09-1998/18-02-1999)
- 11. 1999 (15-02-1999/08-06-1999)
- 12. 1999-2000 (27-05-1999/24-02-2000)
- 13. 1999-2000 (29-06-1999/20-01-2000)
- 14. 2000 (29-03-2000/17-04-2000 and 27-09-2000)
- 15. 2000 (26-04-2000/15-08-2000)
- 16. 2000-2001 (01-05-2000/16-03-2001)
- 17. 2001-2002 (30-10-2000-19-07-2001)
- 18. 2000-2001 (06-11-2000/23-05-2001)
- 19. 2001 (02-04-2001/08-11-2001)
- 20. 2001-2002 (26-11-2001/11-04-2002)
- 21. 2002 (07-05-2002/25-05-2002)
- 22. 2002 (05-07-2002/25-11-2002)

Plus sorting and preliminary IDs of aquatic invertebrates from Muir-Uncup area in 1996 and 1997

9A 1998 (09-11-98/24-11-98)

GA/8/2014



23. 2002-2003 (11-11-2002/19-09-2003)
24. 2002-2004 (14-10-03/27-11-03) + (09-03-04/17-06-2004)
25. 2004 (03-08-2004/29-09-2004)
26. 2004-2006 (08-11-2004/19-11-2004) +
(13-03-2006/09-11-2006)
27. 2005-2006 (05-07-2005/10-02-06)
28. 2006-2007 (14-11-2006/07-11-2007)
29. 2008 (05-03-2008/09-11-2008)
30. 2009 (11-03-2009/04-08-2009)

*Alan to worked out the pages' order.

6111100
2315101



9 312311 180335
MADE IN CHINA

EDGEWATER NEWS
398776
\$ 2.950



11/20-5/01

①

consum 57c/lh
93004971

mileage 7952-520.9
9270

13118
11779
150

~~17779~~
total km 1869

GLM equivalent @ 57 \$1065.33
cost

Budget cost (actual)
\$1013.68

(2)

Arrive Woodstock at 0800

Depart Woodstock at 0900

(3)

DOBBERY 6/11/00

gauge 1 462989

6437368

gauge 2 462927

6437538

dry

Geography DRY

(4)

6/11/00

Buwanan

Depth 1.19m middle gang. No. 2

top gang 514297

6432629

PH 320 Calibration

ASY method using BDH Buffers

7.00 = 7.00 @ 24.5°C

changed to 6.98

2mV

10.00 = 9.94 @ 24.4

did not change.

-57.6

2mV

1500 hrs.

PH 9.09 @ 24.2

5

6/11/00
1540 hrs

Mead

gauge 3 533148
6433909

depth of ggs = 1.62 m
muts have come of top of middle
holes. needs work. gauge dry
but O.K.

10 low mts in West Timber stand
gauge 3

gauge 2 0533137
6433926

Dec 16/1/01

gauge 31 0533127
6433940

pH 9.74 @ 26.2°C

②

6/11/00
1720 hrs.

ARDATH

Gauge 2m 6090654
644836875

depth is 0.89m

PH 3.77 @ 23.9°C

arrive at Potts inn Motel

Meredith at 1900 hrs.

Depart Meredith 7:00pm
0700 hrs.

BI DEBINT
PK 32340

PK 32340

④

7/11/00

Sample

Calibration pH 320 using BDH buffer

ASV method

7.00 = 7.03 @ 19.9°C

changed to 7.00

0 mV

10.00 = 9.98 @ 20.0°C

changed to 10.00

-57.3

0 mV

used plating line and level. 5 m ferris.

pH 3.34 @ 20.0°C

depth 0.58

gauge (mm) 627736

6554120

8

7/11/00
10:41 am

Monitoring

542498

gauge

6497651

depth 0.66

both gauges in reasonable cond.

1m gauges near (98 standards) begin to pool slightly in some year.

pH = 8.85 22.3°C

9

7/11/00

3 reads 12:20

depth 1.05 m

gauge 1 507713 E

6542446 N

meets in gauge installed in
dam.

pH 8.94 @ 24.3

⑩

7/11/00

Wedge moving

B.M. 488072

6554453

Gauge 1 (2m)

bottom gauge beginning to

~~peel~~ peel while read

explaining in a year.

487968

6554377

Gauge 2 depth 0.14m

487855 E

6554211 N

angle worked in top

Gauge beginning to peel.

pH = 7.81 @ 24.2°C

Lake Ujifan AHD value.

NIVAN

gauge 1 466991

6575642

depth 1.16 m gauge body

fixed, needs replacing.

PH 7.76 @ 21.0°C

(12)

7/11/00

HINDS

Depth 2.86m 7th gauge (2000 mtr)

wed string line and level

pH 9.24 @ 21.3°C

water 5 m from gauge.

gauge 2 (4m) 456850 E

6596831 N

gauge 1 (5m) 456841 E

6596845 N

needs 3m gauge, ⁱⁿ put taken RTK
is done in Feb.

Wangan Hills 5.30 pm.

910.9 km.

(13)

Calibration of pH 320

using BDH buffers

7.00 = 7.01 @ 22.6

changed to 6.99

-1 mV

10.00 = 9.99 @ 22.3

changed to 9.98

-57.4 mV

-1 mV

(14)

8/11/00

dyport Worgan Hills 6.45 am

Lake Garden was dry.

Gauge. 10.30 am

BM 391569 E

6680555 N

Gauge 1 needs new gauge

391438

paint has peeled off

6680553

Stainless gauge. 30% left.

depth gauge 2 = 1.58 m

0391368

6680577A2

pH = 7.73 @ 19.8°C

(15)

8/11/00

LOGS

12:30 pm

Depth 2.55 m

Gauge (Low) 321135 E

6695874 N

BM 321117 E

6695884 N

pH = 8.09 @ 21.8°C

8/11/00

YARRA YARRA

2.43 pm

virtually dry, a trace of water
on far road possibly only
1-2cm

BM 379955 E

6726978 N

gauge 1 (2m x 2 plates)

both plates have paint peeling
off, both will need replacing

within a year. 380031 E

6726974 N

140 Bps
 10 with 50-100% brown band
 m flags
 50 m
 in large lake south of
 Blue gem lake (Morro)

8/11/00

BLUES GUM 1700h

gauge 1 (new, on tree)

40124H

6615220

gauge 2 (new) - edge scraped off

depth 0.55m

D.K.

401257 E

6615251 N

pH = 8.88 @ 21.6°C

Travel to lobby room.
 Finish 6:00 pm.

gauge 2 (old ggy)
new plastic plate had algae but
was easily wiped off
363462 E
6585380 N

BM (Dale)
363473
6585405

Gauge 1 (new)
* needs a 4 m sign on top of ggy.
363499 E
6585436 N

9/11/00
Start 7:00am. 1590km

GUARD 7.
PH Calibration using BDH buffers
ASY method

7:00 = 7.01 @ 13.9°C
did not change.
-1mV

10:00 = 10.05 @ 14.1°C
did not change.
-57.4mV
-1mV

Depth 2.91 gage (new 2000)
BM sign 31cm from top of sign to water.
pH = 8.94 @ 18.9°C

21

9/11/00

CRAIGUARS 0915 hrs.

depth gauge 1 (new 2000)

0.98 (0.975)

365297 E

6579760 N

PH = 7.47 @ 19.2°C

Bm(DDHO) 365562

6579475

gauge 2 (old gg 1)

365514 E

6579459

depth 0.975 ✓

22

9/11/00

WANNANNAH 1045

depth gauge 1 = 1.23

409622 IS

6556670 H

BM (0042)

409645 IS

6556684 N

pH = 10.07 @ 19.8°C

23

9/11/00

BAMBUN

11.55^{am}

BM 394876 E

6522823 N

gauge! depth 2.34m

394812 E

6522798 N

pH = 8.67 @ 20.8°C

24

9/11/00

Chandaka 1315 hrs

depth 0-73

gauge. 400716

6514492

pH 7.29 @ 23.9°C

BM 400542

6514420

(25)

WR gauge!

390935 E
6486977 N

pH = 6.58 @ 24.9°C

(26)

9/11/00

Sandshayp 1500 hrs

2nd WR gauge = 44-72 m PHC
390806 E

6487109 N

old CORM gauge 0.97m

390849 E

6487034

BM (DOLA) 390935 E

6486980 N

These signs has been attacked with an axe and destroyed. The BM has been hit with the axe chipping a small piece of concrete, 36 Brass plate has been marked with the blade.

(27)

9/11/00
1600 hrs

500NDWLP

depth 16.90

355

BM data 384559

6487376

432

pH 9.57 @ 23.9°C

TRIP

Budget truck 1838.5

9270 km

B Woodstock 5.30

(28)

19/02/01

10.00 am.

Leke Weston

Calibration of TPS WP-814

metre read 1.39 ppk in 2.97 ms/cm

to calibrate metre only allowed

2.76 ms/cm standard as I

used the part as 2.76 ms/cm

metre read 2.63 ms in 2.76 ms/cm

K = 1.02 @ 20.6°C

calibration O.K.

19/02/01

11:00^{am}

SITK A1

Bottom	depth	Top
67.5 _m	22.3 ^o C	0.8
position	373760	67.7 _m
	6376975	22.4

Ground.

A2 navigated to point using GPS

TOP	68.3 _m	21.7 ^o C
1.3 _m Bottom	63.2	22.0 ^o C

A3 NTPK GPS

TOP	68.7 _m	21.6 ^o C
0.80 Bottom	65.5 _m	21.9 ^o C

12:55 pm 17/02/01
D2 water sample not taken

top 93.9ms 26.9°C
bottom 94.9ms 24.4°C

D3

0.13 98.5ms 28.4°C
150m from D3 GPS position
along the line 377127
6364200

D1 water sample not taken

0.13 91.8ms 28.0°C
about 30m from D1 GPS position
on same line.

31

19/02/01

2.00 pm

C1

Top 79.5ms 24.3°C

Bottom 79.4ms 24.4°C

NTPU GPS

C2 NTPU GPS

Top 81.8ms 23.5°C

Bottom 79.1ms 25.2°C

C3 Stopped 130m on line from CH123

with 50m error. 375433

Top 86.3ms 26.9°C 6368448

Bottom 86.5ms ~~25.5°C~~ 25.5°C

15-20 knots SW. ^{windy}
19/02/01

1510 hrs

B1 NTPU GPS

Top 68.3ms 26.7°C

0.20 bottom 68.4ms 26.8°C

B2 NTPU GPS

Top 68.4ms 25.5°C

0.40 bottom 68.2ms 25.5

B3 NTPU GPS

373862

Top 68.2ms 27.2°C / 6372883

0.20 bottom 67.8ms 27.2°C

(33)

Lake Clifton depth gauge

22/02/01

2nd gauge (4m) water
3.73m.

(34)

Pool inlet 22/02/01

Start under new traffic bridge

11.30am, wind calm.

no swans at Greasy too

shallow

90 swans upstart of Nature

reserve west of Boundary
is land.

Brookton island.

North side 140 sub-adults

new fledging age or fledged.

15 adults 15 few off island

we may arrive.

22/02/01

Barro Colorado cont'd.

+ 40 subadults

+ 30 adults no breeding pheromone

7 swarms at cut off water
just south of Yundwings/Wing
waters.

Alstonia long

47 swarms north to half way.

+ 127 swarms end of Bay.

167 swarms (north) of Bay Bay.

17 in Bay Bay.

86 at Wood Point.

Finish 2.50 pm.

(36)

23/5/01

10.50 pm

Lake Clifton

site D Calibration figures

2754 μ S in 2.76 m/sec
CALIBRATION O.K.
K = 1.5

330 mm
BOTTOM

D1 TOP

73.8 15.4°C

220 mm

D2 TOP

75.2 15.8

in 5 sec

150 mm

D3 75.2 16.7°C

30 m from GPS position.

37

Wakajima

26/5/01

Bottom 300mm

50P

C2 66.7ms 17.5%

66.7ms 17.5%

15.525

C3 67.7ms 19.7°C 200mm

28m from GPS Position

1 x 16.50

3 x 14.75 44.25

6 x 15.75 94.50

Bottom

C1 65.3ms 18.6°C 65.0ms 18.1°C

depth 400mm

1 x Blood

2 x RLD 29.50

5 x GOLD 78.75

in between two old fences 50m out from boat.

38

Lake Clifton

23/5/01

Bottom

Top

B1 69.9 19.6°C

=

300 mm deep

B2 69.3 19.7

69.9 19.9

500 mm

B3 69.9 19.9°C

-

300 mm deep

(40)

Lake Uffton

23/5/01

Bottom

18.1°C

58.9

A1 560ms/m 18.6°C

73.3 "

depth 0.7m

69.4
56.2

68.3

56.8 17.1°C

A2 59.7 17.1°C

depth 1.45m

1620hrs

A3 71.5 17.4°C 70.9 17.1°C

depth 0.940m

depth to lake bottom 1645hrs was

3.74m on the No. 2 gauge.