

Dosing - Water quality recording form

Dosing Start Date: 14JUL11 Dosing End Date: 23JUL11

Lab data book/page(s): WAE #1 / 1-10

File folder: 86

Proofed: 19MAY12 CWB

Reviewed: CWA 10MAY15

Raceway
not
rank
numbers
15JUL11
SWS

WAE Tank #	Temperature (°C)		Dissolved oxygen (mg/L)		Flow rate (mL/Min)		pH		(Circle one and line out others)		
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	
① A-1 11	4.77	5.11	4.76	5.28	5.11	6.10	5.32	5.7	5.6	5.8	
A-2 12	4.76	4.71	4.72	① 5.48	4.93	6.10	5.10	5.3	5.6	5.4	
A-3 13	5.77	4.77	4.60	5.00	4.75	5.75	② 5.04	5.3	5.5	5.4	
A-4 14	5.97	4.61	4.44	4.92	4.38	5.67	4.86	4.9	5.3	5.2	
A-5 15	5.52	4.87	4.86	5.03	5.20	4.70	5.49	5.4	5.4	^{5.3} 7.48	
A-6 16	5.33	4.94	4.62	4.76	5.84	4.98	5.21	5.3	5.4	5.5	
A-7 17	5.33	4.96	4.96	4.95	4.81	4.89	5.48	5.6	5.9	5.6	
A-8 18	5.67	4.96	4.84	5.04	4.97	5.02	5.48	5.7	5.7	5.7	
A-9 19	6.05	4.79	4.46	5.29	4.93	5.21	5.25	5.4	5.4	5.3	
Data Collector (Initial)	EW	ARC	ARC	ARC	ARC	ARC	ARC	SWS	SWS	SWS	
Date	15JUL11	16JUL11	17JUL11	18JUL11	19JUL11	20JUL11	21JUL11	22JUL11	23JUL11	24JUL11	
20	5.06	4.50	4.06	5.19	4.62	4.76	4.86	5.2	5.0	5.0	

wrote
pH
24JUL11
SWS

- ① Wrote incorrectly, correct D.O. is 5.48 18JUL11 ARC
- ② Started recording pH reading under D.O. 21JUL11 ARC

pg 1 of 6

Item No. _____

Post-dosing - Water quality recording form

Dosing Start Date: 14 JUL 11 Dosing End Date: 23 JUL 11

Lab data book/page(s): WAE #1/1-10 File folder: 86 Proofed: SMAS, SCAB Reviewed: _____

WAE Tank #	Temperature (°C)			Dissolved oxygen (mg/L)			Flow rate (mL/min)		pH {Circle one and line out others}					
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
not Raceway nos. B-1 11	5.6	6.1	① 7.0 5.0	4.8	5.6	4.3								
tank B-2 12	5.4	6.1	5.0	5.0	5.6			4.8						
number B-3 13	5.6	5.9	5.0	4.7	5.4									
B-4 14	5.2	6.0	4.7	4.7	4.9									
B-5 15	5.4	5.6	5.0	4.5	5.0	NR								
B-6 16	5.4	5.4	4.9	4.5	4.9	②								
B-7 17	5.7	6.0	5.2	5.0	5.4									
B-8 18	6.0	5.9	5.3	5.1	5.6									
B-9 19	5.6	5.7	5.1	4.8	5.4									
Data Collector (Initial)	SMS	SMS	SMS	SMS	SMS	SMS		SMS						
Date	25 JUL 11	26 JUL 11	27 JUL 11	28 JUL 11	29 JUL 11	30 JUL 11		1 AUG 11						
20	5.6	5.7	5.2	4.7	5.4									

① wrote wrong DO reading 27 JUL 11 SMS

② WP in a tank only all RW switched to OTC feed 30 JUL 11 SMS

Dosing - Water quality recording form

Dosing Start Date: 14JUL11 Dosing End Date: 23JUL11

Lab data book/page(s): WAE #1/1-10

File folder: 86

Proofed: 19MAR12 CMG

Reviewed: CMY 10MAR15

WAE Tank # Raceway nos.	Temperature (°C) Dissolved oxygen (mg/L) Flow rate (mL/Min) <u>pH</u> {Circle one and line out others}									
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
not tank nos. A-1 11	7.79	7.83	7.80	7.86	7.82	7.94	6.54	7.41	7.89	8.03
A-2 12	7.81	7.81	7.81	7.87	7.83	7.97	6.88	6.64	7.90	8.01
A-3 13	7.89	7.82	7.80	7.85	7.82	7.93	7.01	6.88	7.90	8.00
15JUL11 A-4 14	7.93	7.82	7.80	7.85	7.81	7.73	7.17	7.08	7.91	7.98
SMY A-5 15	7.92	7.84	7.83	7.85	7.88	7.82	7.23	7.25	7.91	7.97
A-6 16	7.90	7.85	7.83	7.85	7.97	7.86	7.34	7.32	7.91	7.95
A-7 17	7.90	7.84	7.85	7.86	7.86	7.85	7.39	7.46	7.92	7.95
A-8 18	7.93	7.85	7.84	7.87	7.88	7.87	7.44	7.50	7.93	7.96
A-9 19	7.99	7.84	7.81	7.87	7.86	7.90	7.50	7.50	7.92	7.96
Data Collector (Initial)	CMY	ARC	ARC	ARC	ARC	ARC	ARC	SMY	SMY	SMY
Date	15JUL11	16JUL11	17JUL11	18JUL11	19JUL11	20JUL11	21JUL11	22JUL11	23JUL11	24JUL11
20	7.84	7.80	7.79	7.88	7.84	7.86	7.54	7.48 SMY	7.91	7.95

① Initialed wrong slot

22JUL11 SMY

Post-dosing - Water quality recording form

Dosing Start Date: 14 Jul 11 Dosing End Date: 23 Jul 11

Lab data book/page(s): WAE #1/1-10

File folder: 86

Proofed: 19 MAR 12 CMG

Reviewed: CMG 10 MAR 15

Page 2 of 2 ^{incorrectly numbered CMG 10 MAR 15}

WAE Tank # Raceway nos.	Temperature (°C)			Dissolved oxygen (mg/L)			Flow rate (mL/min)		pH		{Circle one and line out others}				
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23	
not tank nos. A-1 11	7.80	7.70	8.07	7.94	8.09	8.18	/	/							
A-2 12	7.80	7.70	8.06	7.73	8.15				7.96						
A-3 13	7.81	7.77	8.04	7.74	8.13										
15 JUL 11 SNS A-4 14	7.80	7.80	8.02	7.74	8.13	NR									
A-5 15	7.83	7.80	8.02	7.75	8.08	②									
A-6 16	7.81	7.79	7.98	7.75	8.05										
A-7 17	7.82	7.86	7.98	7.77	8.11										
A-8 18	7.88	7.91	7.99	7.79	8.16										
A-9 19	7.87	① 7.94	7.99	7.78	8.13										
Data Collector (Initial)	SNS	SNS	SNS	SNS	SNS	SNS				SNS					
Date	25 JUL 11	26 JUL 11	27 JUL 11	28 JUL 11	29 JUL 11	30 JUL 11		1 AUG 11							
20	7.91	7.98	7.98	7.79	8.13	NR									

① 7.96 wrote wrong digit 26 JUL 11 SNS

② WQ in 1 RW only all tanks switched to OTC 30 JUL 11 SNS

Dosing - Water quality recording form

Dosing Start Date: 14 JUL 11 Dosing End Date: 23 JUL 11

Lab data book/page(s): WAE #1 / 1-10 File folder: 86

Proofed: 19 MAR 12 CML Reviewed: CMM 10 MAR 15

WAE Tank # Raceway nos.	<div style="display: flex; justify-content: space-around; align-items: center;"> Temperature (°C) Dissolved oxygen (mg/L) Flow rate (mL/Min) pH {Circle one and line out others} </div>										
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	
not tank nos. A-1 11	24.1	24.5	25.3	25.5	26.1	26.0	26.0	26.6	26.3	27.0	
A-2 12	24.1	24.5	25.3	25.5	26.2	26.0	26.2	26.7	26.3	27.0	
A-3 13	24.1	24.5	25.3	25.5	26.3	26.0	26.2	26.7	26.3	27.0	
15 JUL 11 A-4 14	24.1	24.5	25.3	25.5	26.3	26.0	26.2	26.7	26.3	27.0	
OK A-5 15	24.2	24.5	25.3	25.5	26.3	26.0	26.2	26.7	26.3	27.0	
A-6 16	24.1	24.5	25.2	25.5	26.0	26.0	26.1	26.7	26.3	26.9	
A-7 17	24.2	24.5	25.2	25.5	26.2	26.0	26.2	26.7	26.3	26.9	
A-8 18	24.2	24.5	25.3	25.5	26.3	26.0	26.2	26.7	26.3	27.0	
A-9 19	24.2	24.5	25.3	25.6	26.3	26.0	26.2	26.7	26.3	27.0	
Data Collector (Initial)	CA	ARC	ARC	ARC	ARC	ARC	ARC	SMS	SMS	SMS	
Date	15 JUL 11	16 JUL 11	17 JUL 11	18 JUL 11	19 JUL 11	20 JUL 11	21 JUL 11	22 JUL 11	23 JUL 11	24 JUL 11	
20	24.1	24.5	25.3	25.6	26.3	26.0	26.2	26.7	26.3	27.0	

Post-dosing - Water quality recording form

Dosing Start Date: 14 JUL 11 Dosing End Date: 23 JUL 11

Lab data book/page(s): WAE #1/1-10

File folder: 8b

Proofed: 19 MAR 12 CMG

Reviewed: 10 MAR 15 LMM


incorrectly numbered LMM 10 MAR 15

WAE Tank # Raceway nos.	Temperature (°C) Dissolved oxygen (mg/L) Flow rate (mL/min) pH {Circle one and line out others}															
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23		
not A-1 11	26.8	27.3	27.2	27.1	27.1	27.6	/	/	/							
task A-2 12	26.8	27.3	27.3	27.1	27.1	27.5										
nos. A-3 13	26.8	27.3	27.3	27.1	27.1											
15 JUL 11 A-4 14	26.8	27.3	27.3	27.1	27.1	NR										
SMS A-5 15	26.8	27.3	27.3	27.1	27.1	①										
A-6 16	26.8	27.2	27.3	27.1	27.1											
A-7 17	26.8	27.2	27.3	27.1	27.1											
A-8 18	26.8	27.2	27.3	27.1	27.1											
A-9 19	26.8	27.3	27.3	27.1	27.1											
Data Collector (Initial)	SMS	SMS	SMS	SMS	SMS	SMS					SMS					
Date	25 JUL 11	26 JUL 11	27 JUL 11	28 JUL 11	29 JUL 11	30 JUL 11		1 AUG 11								
20	26.8	27.3	27.3	27.1	27.1											

① WQ in 1 RW only
all RW switched
to DTC feed 30 JUL 11 SMS

AEH-09-MAS-02

Baseline water chemistry

Approved: 

Lab data book/page(s): 2/2-3 File folder: 11a

Proofed: SMS 24 NOV 14 Reviewed: _____ Page 1 of 1

Source tank information

Tank	DO (mg/L)	pH	Temp (°C)	Mortalities	Date	Initial
11	7.04	8.31	20.8	0	15 JUN 12	SMS MPW
12	6.97	8.31	20.8	2	↑	↑
13	7.18	8.32	20.8	2	↑	↑
14	7.26	8.33	20.8	2	↑	↑
15	7.33	8.34	20.8	1	↑	↑
16	7.07	8.31	20.8	4	↑	↑
17	7.02	8.32	20.8	4	↑	↑
18	7.19	8.34	20.8	0	↓	↓
19	7.14	8.31	20.8	0	↓	↓
20	7.09	8.33	20.8	8	15 JUN 12	SMS MPW

Temp + pH observed SMS
DO observed by MPW
All recorded by SMJ

Representative test tank information

Tank	DO (mg/L)	pH	Temp (°C)	Species	Date	Initial
A9	5.73	8.29	20.9	WAE	15 JUN 12	SMS MPW
A6	5.99	8.32	20.9	↑	↑	↑
A1	6.71	8.33	20.9	↑	↑	↑
B9	6.55	8.32	20.8	↓	↓	↓
B4	5.72	8.29	20.9	↓	↓	↓
B1	5.20	8.25	20.8	WAE	15 JUN 12	SMS MPW

Take readings in tanks before fish distribution begins. → WP was done immediately after distribution 15 JUN 12 SMS

Take readings in at least one tank from each test bank.

Pre-Dosing - Water quality recording form

Dosing Start Date: 25Jun12 Dosing End Date: 4Jul12

Lab data book/page(s): #2/3-6 File folder: 11a Proofed: 6 MAR 15 9:15 Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)		Flow rate (mL/Min)		pH		{Circle one and line out others}	
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
A-1	4.99	4.20	4.30	4.55	4.99	5.91	5.43	5.68	5.89	6.04
A-2	6.42	5.57	6.59	4.96	6.47	6.79	6.26	6.44	7.26	7.08
A-3	4.61	4.74	5.26	3.33	4.88	4.96	4.96	4.93	5.36	5.26
A-4	4.44	4.50	4.40	5.17	4.83	4.34	4.57	4.55	6.27	5.38
A-5	6.59	6.17	6.66	5.88	6.33	6.18	5.81	5.59	6.50	5.93
A-6	5.30	3.29*	6.65	3.45	4.42	4.87	4.81	5.19	7.18	6.97
A-7	6.35	5.77	6.40	5.19	5.01	5.98	5.84	5.20	6.32	5.60
A-8	6.25	5.48	4.70	6.09	6.95	6.60	6.14	6.55	6.96	6.42
A-9	5.93	5.93	6.28	5.47	6.72	6.61	6.25	6.26	7.17	7.36
Data Collector (Initial)	16 Jun 12 ①	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	16 Jun 12 ①	17 Jun 12	18 Jun 12	19 Jun 12	20 Jun 12	21 Jun 12	22 Jun 12	23 Jun 12	24 Jun 12	25 Jun 12

① switched around initial: MPW date: 6/16/12

* Flow rate increased 17 Jun 12 2012

Pre-Dosing - Water quality recording form

Dosing Start Date: 25 JUN 12 Dosing End Date: 4 JUL 12 Page 2 of 2
 Lab data book/page(s): 213-6 File folder: 11a Proofed: GMARIS 895 Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)		Flow rate (mL/Min)		pH		{Circle one and line out others}	
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
B-1	4.16	4.80	5.45	5.25 ^②	5.19	5.09	5.48	4.88	6.05	5.95
B-2	6.84	5.53	6.03	5.35	6.25	6.19	5.96	5.87	7.00	6.78
B-3	6.42	5.83	6.71	5.52	6.56	6.50	6.57	6.60	7.41	6.95
B-4	5.01	5.17	5.11	2.38	6.79	6.83	6.48	6.63	7.46	7.44
B-5	5.94	5.43	6.29	5.75	6.78	6.81	6.05	6.35	6.69	6.13
B-6	5.07	5.97	5.73	③						
B-7	6.66	6.18	7.17	6.17	7.09	7.14	7.03	6.99	7.68	6.85
B-8	6.33	5.95	6.84	6.21	4.17	5.33	7.12	7.11	8.10	7.78
B-9	5.33	5.13	6.02	5.23	6.32	6.62	6.80	6.28	6.15	5.17
Data Collector (Initial)	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	16 Jun 12	17 Jun 12 ^①	18 Jun 12	19 Jun 12	20 Jun 12	21 Jun 12	22 Jun 12	23 Jun 12	24 Jun 12	25 Jun 12

① wrong date: 17 Jun 12 MPW

③ See pg 4 in logbook #2 - fish died due to clogged inflow GMARIS 895

② written in wrong space: Actual B-1: 3.46 MPW

Pre - Dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____							Page 1 of 2				
Lab data book/page(s): <u>#2/3-6</u>			File folder: <u>1/a</u>		Proofed: <u>6 MAR 15 8MS</u>		Reviewed: _____				
Tank #	Temperature (°C)		Dissolved Oxygen (mg/L)			Flow rate (mL/Min)	pH	(Circle one and line out others)			
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	
A-1	8.36	6.96	8.14	8.02	7.96	7.99	8.00	8.00	8.06	7.92	
A-2	8.25	6.96	8.20	7.96	8.03	8.08	8.05	8.05	8.15	8.05	
A-3	7.90	6.77	8.16	7.79	7.97	7.93	7.94	7.93	8.00	7.92	
A-4	8.21	6.94	8.16	8.13	7.95	7.88	7.88	7.90	8.00	7.86	
A-5	8.23	6.82	8.11	8.15	7.96	7.94	7.95	7.93	8.01	8.00	
A-6	8.24	6.47	8.14	7.97	7.97	7.94	7.93	7.95	8.12	8.05	
A-7	8.09	6.79	8.11	7.95	7.85	7.94	7.97	7.92	8.03	7.91	
A-8	8.22	6.78	7.92	8.13	8.08	8.05	8.05	8.06	8.09	7.96	
A-9	8.19	7.04	8.13	8.02	8.10	8.07	8.06	6.28	8.15	8.10	
Data Collector (Initial)	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	
Date	16 Jun 12	17 Jun 12	18 Jun 12	19 Jun 12	20 Jun 12	21 Jun 12	22 Jun 12	23 Jun 12	24 Jun 12	25 Jun 12	

① wrote DO in pH. MPW Jun 23 - 12 Actual: 8.09

Pre - Dosing - Water quality recording form

Dosing Start Date: 25 MAR 12 Dosing End Date: 4 JUL 12 Page 2 of 2
 Lab data book/page(s): #2/3-6 File folder: 11g Proofed: 6 MAR 15 845 Reviewed: _____

Tank #	← <u>Temperature (°C)</u> <u>Dissolved oxygen (mg/L)</u> <u>Flow rate (mL/Min)</u> <u>pH</u> (Circle one and line out others)									
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
B-1	8.11	7.02	8.20	7.85	7.92	7.89	7.95	7.95	8.02	7.71
B-2	6.18	6.92	8.12	7.91	8.01	8.00	8.02	8.07	8.12	7.99
B-3	8.18	6.98	8.15	7.82	8.03	8.03	8.08	8.18	8.17	8.01
B-4	8.09	6.98	8.11	7.65	8.04	8.04	8.06	8.19	8.15	8.06
B-5	8.09	6.77	8.09	7.85	7.99	8.01	8.04	8.15	8.03	7.93
B-6	8.15	6.99	8.20	7.85	7.99	8.01	8.04	8.15	8.03	7.93
B-7	8.08	7.05	8.24	7.83	7.99	8.02	8.11	8.19	8.15	7.97
B-8	8.11	7.01	8.16	7.82	7.55	7.73	8.11	8.27	8.18	8.14
B-9	8.19	7.01	8.18	7.80	7.92	7.99	8.05	8.18	7.90	7.90
Data Collector (Initial)	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	16/Jun 12	16/June 12 ②	18 Jun 12	19 Jun 12	20 Jun 12	21 Jun 12	22 Jun 12	23 Jun 12	24 Jun 12	25 Jun 12

① wrong tank: Actual for B-8 - 6.90 ③ Fish died due to clogged inflow; see logbook #2 pg 4 6 MAR 15 845
 ② wrong date: Actual 17 Jun 12

Pre-Dosing - Water quality recording form

Dosing Start Date: 25 Jun 12 Dosing End Date: 4 Jul 12 Page 1 of 2
 Lab data book/page(s): #2/3-6 File folder: 169 Proofed: 6 MAR 15 SWS Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)				Flow rate (mL/Min)		pH		{Circle one and line out others}
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	
A-1	20.6	20.5	21.9	22.7	23.0	21.5	22.3	22.4	22.5	23.0	
A-2	20.7	20.5	21.9	22.7	23.0	21.7	22.3	22.4	22.5	23.0	
A-3	20.9	20.7	22.0	22.6	23.0	21.5	22.3	22.4	22.5	23.0	
A-4	20.7	20.6	22.0	22.6	23.1	21.8	22.3	22.4	22.5	23.1	
A-5	20.6	20.7	22.0	22.7	23.3	21.7	22.3	22.5	22.5	23.1	
A-6	20.6	20.5	22.0	22.8	23.2	21.7	22.3	22.4	22.5	23.0	
A-7	20.8	20.7	22.0	22.7	23.3	21.7	22.3	22.4	22.5	23.0	
A-8	20.6	20.6	22.2	22.7	23.1	21.7	22.3	22.4	22.5	23.0	
A-9	20.6	20.6	22.0	22.7	23.1	21.5	22.3	22.4	22.5	23.0	
Data Collector (Initial)	MPW ^①	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	
Date	16 Jun 12 ^①	17 Jun 12	18 Jun 12	19 Jun 12	20 Jun 12	21 Jun 12	22 Jun 12	23 Jun 12	24 Jun 12	25 Jun 12	

① switched around initial mpw date 6/16/12

Pre-Dosing - Water quality recording form

Page 2 of 2

Dosing Start Date: 25 JUN 12 Dosing End Date: 4 JUL 12
 Lab data book/page(s): #2/3-6 File folder: 1/a Proofed: 6 MAR 15 SWS Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)			Flow rate (ml/Min)		pH			{Circle one and line out others}	
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9		
B-1	20.6	20.5	21.9	22.6	23.1	21.5	22.2	22.4	22.5	22.9		
B-2	20.6	20.6	21.9	22.5	23.0	21.5	22.2	22.4	22.5	23.0		
B-3	20.5	20.6	21.9	22.7	23.0	21.5	22.1	22.4	22.5	23.0		
B-4	20.6	20.8	21.9	22.8	23.0	21.5	22.1	22.3	22.5	23.0		
B-5	20.6	20.7	21.9	22.6	23.1	21.6	22.2	22.4	22.4	23.0		
B-6	20.5	20.6	21.8	②								
B-7	20.7	20.6	21.9	22.6	23.1	21.5	22.1	22.4	22.4	23.0		
B-8	20.5	20.8	21.9	22.6	23.3	21.7	22.1	22.3	22.4	23.0		
B-9	20.5	20.5	21.9	22.5	23.1	21.5	22.2	22.3	22.5	22.9		
Data Collector (Initial)	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	16 Jun 12	16 Jun 12 ①	18 Jun 12	19 Jun 12	20 Jun 12	21 Jun 12	22 Jun 12	23 Jun 12	24 Jun 12	6/25/12		

① wrong date: actual - 17 Jun 12 ② Fish died due to clogged inflow; see Logbook #2, pg 4 6 MAR 15 SWS

Dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)			Flow rate (mL/min)		pH (Circle one and line out others)		
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
A-1		8.09	8.04	8.08	8.09	7.97	8.04	7.72	7.48	7.86
A-2		8.12	8.09	8.10	8.16	7.98	8.08	7.75	7.62	7.92
A-3		8.04	8.01	8.18	8.24	8.10	8.16	7.81	7.68	7.98
A-4		8.01	7.92	8.12	8.10	8.08	8.12	7.78	7.66	7.84
A-5		8.01	7.87	7.95	7.97	7.93	7.87	7.75	7.61	7.86
A-6		8.03	7.94	8.03	8.12	8.00	8.08	7.76	7.77	7.83
A-7		8.06	7.94	7.90	7.90	7.96	7.94	7.70	7.56	7.87
A-8		8.04	7.93	8.08	8.10	8.00	7.97	7.71	7.61	7.90
A-9		8.15	8.05	8.08	8.16	8.06	8.07	7.77	7.71	7.95
Data Collector (Initial)		SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS
Date		26 JUN 12	27 JUN 12	28 JUN 12	29 JUN 12	30 JUN 12	30 JUN 12 1 JUL 12 wrong date SMS	2 JUL 12	3 JUL 12	4 JUL 12

Dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	DL - wrote in column 26 JUN 12 SNS wrote Temperature (°C)									
	<u>D-0</u>	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
B-1	7.97		7.87	7.93	7.93	7.92	7.69	7.83	7.63	7.94
B-2	8.11		8.18	8.07	7.96	7.92	8.03	7.81	7.74	7.91
B-3	8.11		8.08	8.00	8.00	7.97	8.07	7.88	7.71	7.86
B-4	8.12		8.11	8.01	8.01	7.99	7.96	7.73	7.64	7.83
B-5	8.10		8.12	8.00	7.99	8.02	7.94	7.76	7.66	7.83
B-6	7.87		7.92	8.12	8.03	8.02	7.99	7.96	7.83	7.95
B-7	8.09		8.05	8.01	7.95	7.92	8.00	7.85	7.71	7.86
B-8	8.16		8.09	8.05	7.97	7.96	8.27	7.77	7.74	7.86
B-9	8.12		8.01	8.06	8.01	7.96	7.90	7.87	7.84	7.97
Data Collector (Initial)	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS
Date	26 JUN 12	27 JUN 12	28 JUN 12	29 JUN 12	30 JUN 12	1 JUL 12	2 JUL 12	3 JUL 12	4 JUL 12	

Post-dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)			Flow rate (mL/min)			pH (Circle one and line out others)					
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
A-1	7.75	7.70	7.71	7.82	7.16	7.84	7.86	7.89	7.54	7.69	7.67	7.64	7.49	7.56
A-2	7.78	7.76	7.71	7.90	7.45	8.05	7.97	8.02	7.68	7.77	7.76	7.71	7.64	7.70
A-3	7.83	7.79	7.80	7.83	7.62	8.01	7.94	7.98	7.78	7.83	7.84	7.80	7.74	7.76
A-4	7.74	7.73	7.75	7.80	7.25	7.99	7.94	7.96	7.68	7.70	7.61	7.56	7.63	7.69
A-5	7.72	7.75	7.75	7.98	7.55	7.96	7.79	7.84	7.54	7.71	7.68	7.68	7.60	7.67
A-6	7.75	7.79	7.80	7.72	7.21	7.80	7.69	7.78	7.17	7.83	7.71	7.80	7.73	7.76
A-7	7.73	7.71	7.74	7.89	7.46	7.88	7.83	7.10	7.60	7.60	7.74	7.67	7.60	7.58
A-8	7.74	7.70	7.71	7.77	7.34	8.15	8.17	8.10	7.79	7.85	7.82	7.77	7.67	7.66
A-9	7.83	7.76	7.79	7.82	7.32	8.10	8.11	8.13	7.72	7.77	7.76	7.69	7.66	7.66
Data Collector (Initial)	SNS	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	5 Jul 12	6 Jul 12	7 Jul 12	8 Jul 12	9 Jul 12	10 Jul 12	11 Jul 12	12 Jul 12	13 Jul 12	14 Jul 12	15 Jul 12	16 Jul 12	17 Jul 12	18 Jul 12

Post-dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)		Flow rate (mL/min)		pH (Circle one and line out others)							
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
B-1	7.87	7.78	7.81	8.04	7.67	8.09	8.12	8.15	7.86	7.76	7.74	7.79	7.68	7.69
B-2	7.86	7.77	7.83	7.98	7.59	8.10	8.19	8.11	7.66	7.64	7.78	7.77	7.65	7.67
B-3	7.75	7.64	7.72	7.81	7.39	7.86	7.85	7.93	7.57	7.65	7.70	7.68	7.63	7.70
B-4	7.76	7.68	7.69	7.85	7.51	8.16	8.18	8.20	7.80	7.67	7.89	7.88	7.80	7.83
B-5	7.81	7.70	7.74	7.88	7.37	7.88	7.77	7.94	7.55	7.61	7.72	7.71	7.61	7.70
B-6	7.85	7.78	7.81	7.97	7.60	8.05	8.02	8.00	7.68	7.67	7.75	7.75	7.64	7.64
B-7	7.78	7.72	7.70	7.86	7.49	8.00	8.05	8.10	7.66	7.61	7.75	7.77	7.63	7.68
B-8	7.75	7.70	7.79	7.70	7.18	7.95	7.91	7.87	7.64	7.60	7.84	7.83	7.73	7.78
B-9	7.80	7.72	7.78	7.85	7.47	8.00	7.98	8.11	7.68	7.43	7.74	7.76	7.62	7.77
Data Collector (Initial)	SM	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	5 Jul 12	6 Jul 12	7 Jul 12	8 Jul 12	9 Jul 12	10 Jul 12	11 Jul 12	12 Jul 12	13 Jul 12	14 Jul 12	15 Jul 12	16 Jul 12	17 Jul 12	18 Jul 12

① illegible 7/11/12 MPW

Dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____							Page 1 of 2			
Lab data book/page(s): _____			File folder: _____		Proofed: _____		Reviewed: _____			
Tank #	Temperature (°C)		Dissolved oxygen (mg/L)			Flow rate (mL/Min)	pH	{Circle one and line out others}		
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
A-1		22.8	22.8	23.8	24.0	23.8	24.4	24.4	24.2	24.7
A-2		22.7	22.7	23.8	24.0	23.8	24.4	24.3	24.2	24.6
A-3		22.8	22.7	23.9	24.0	23.9	24.4	24.4	24.2	24.8
A-4		22.8	22.7	23.8	24.0	23.8	24.4	24.4	24.3	24.7
A-5		22.8	22.8	23.8	24.0	23.9	24.4	24.4	24.2	24.7
A-6		22.8	22.8	23.9	24.0	23.9	24.4	24.4	24.2	24.7
A-7		22.8	22.8	23.8	24.1	23.8	24.4	24.4	24.3	24.8
A-8		22.8	22.8	23.8	24.0	23.8	24.4	24.4	24.2	24.8
A-9		22.8	22.8	23.8	24.0	23.8	24.4	24.4	24.2	24.8
Data Collector (Initial)		SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS
Date		26 JUN 12	27 JUN 12	28 JUN 12	29 JUN 12	30 JUN 12	1 JUL 12	2 JUL 12	3 JUL 12	4 JUL 12

Dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	used wrong sheet 26 JUN 12 SNS Temperature (°C) Dissolved oxygen (mg/L) Flow rate (mL/Min) pH {Circle one and line out others}									
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
B-1		22.7	22.8	23.8	24.0	23.8	24.3	24.3	24.1	24.8
B-2		22.7	22.6	23.8	24.0	23.8	24.3	24.3	24.0	24.6
B-3		22.7	22.7	23.8	24.0	23.8	24.3	24.3	24.1	24.7
B-4		22.7	22.7	23.8	24.0	23.8	24.3	24.3	24.1	24.6
B-5		22.7	22.6	23.8	24.0	23.8	24.3	24.3	24.1	24.6
B-6		22.8	22.8	23.8	24.0	23.8	24.3	24.3	24.1	24.7
B-7		22.7	22.7	23.8	24.0	23.8	24.3	24.3	24.1	24.7
B-8		22.6	22.6	23.8	24.0	23.8	24.4	24.3	24.1	24.7
B-9		22.7	22.6	23.8	24.0	23.8	24.3	24.3	24.2	24.8
Data Collector (Initial)		SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS	SNS
Date		26 JUN 12	27 JUN 12	28 JUN 12	29 JUN 12	30 JUN 12	1 JUL 12	2 JUL 12	3 JUL 12	4 JUL 12

Post-dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C) Dissolved oxygen (mg/L) ^{correct temp on DO sheet} Flow rate (mL/min) pH {Circle one and line out others}													
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
A-1	25.0	25.2	25.3	25.2	24.8	25.6	25.8	25.3	24.8	25.7	25.7	25.3	25.5	26.1
A-2	25.1	25.2	25.3	25.2	25.3	25.7	25.8	25.2	24.8	25.6	25.8	25.3	25.5	26.1
A-3	25.1	25.3	25.3	25.2	25.3	25.7	25.7	25.2	24.8	25.6	25.8	25.3	25.4	26.1
A-4	25.2	25.1	25.3	25.2	25.3	25.7	25.8	25.2	24.8	25.6	25.8	25.3	25.5	26.1
A-5	25.1	25.1	25.2	25.3	25.3	25.6	25.8	25.3	24.8	25.6	25.8	25.3	25.6	26.1
A-6	25.1	25.1	25.2	25.3	25.3	25.7	25.8	25.3	24.8	25.6	25.8	25.3	25.6	26.1
A-7	25.1	25.1	25.3	25.2	25.3	25.7	25.8	25.3	24.8	25.6	25.8	25.3	25.6	26.1
A-8	25.1	25.1	25.3	25.2	25.3	25.7	25.8	25.3	24.8	25.6	25.8	25.3	25.6	26.1
A-9	25.1	25.1	25.3	25.2	25.3	25.7	25.8	25.3	24.8	25.6	25.8	25.3	25.6	26.1
Data Collector (Initial)	SNS	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	5 Jul 12	6 Jul 12	7 Jul 12	8 Jul 12	9 Jul 12	10 Jul 12	11 Jul 12	12 Jul 12	13 Jul 12	14 Jul 12	15 Jul 12	16 Jul 12	17 Jul 12	18 Jul 12

Post-dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C) Dissolved oxygen (mg/L) Flow rate (mL/min) pH {Circle one and line out others}													
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
B-1	25.1	25.3	25.2	25.3	25.3	25.7	25.8	25.3	25.6	25.6	25.8	25.3	25.5	26.1
B-2	25.0	25.1	25.2	25.2	25.3	25.7	25.8	25.3	25.6	25.6	25.8	25.3	25.5	26.1
B-3	25.0	25.1	25.3	25.2	25.3	25.7	25.8	25.2	25.6	25.5	25.8	25.3	25.5	26.2
B-4	25.0	25.1	25.3	25.2	25.3	25.7	25.8	25.3	25.6	25.6	25.8	25.3	25.4	26.1
B-5	25.0	25.1	25.2	25.2	25.3	25.7	25.8	25.3	25.6	25.6	25.8	25.3	25.5	26.1
B-6	25.0	25.2	25.3	25.2	25.3	25.7	25.8	25.3	25.6	25.6	25.8	25.3	25.5	26.1
B-7	25.2	25.1	25.3	25.2	25.3	25.7	25.8	25.2	25.6	25.6	25.8	25.3	25.5	26.1
B-8	25.1	25.3	25.3	25.2	25.2	25.7	25.8	25.3	25.6	25.6	25.8	25.3	25.5	26.1
B-9	25.1	25.1	25.3	25.3	25.3	25.7	25.8	25.3	25.6	25.6	25.8	25.3	25.5	26.1
Data Collector (Initial)	SNJ	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	5 Jul 12	6 Jul 12	7 Jul 12	8 Jul 12	9 Jul 12	10 Jul 12	11 Jul 12	12 Jul 12	13 Jul 12	14 Jul 12	15 Jul 12	16 Jul 12	17 Jul 12	18 Jul 12

① written in the wrong box D 18 Actual: B1-24.8, B2-24.8, B3-24.8, B4-24.8, B5-24.8
 B6-24.8, B7-24.8, B8-24.8, B9-24.8
 7/14/12 MPW

Dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C)		Dissolved oxygen (mg/L)		Flow rate (mL/Min)		pH		{Circle one and line out others}	
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
A-1		6.86	6.24	6.24 ^{6.08} ①	5.60	5.89	5.80	5.23	4.90	4.46
A-2		6.87	6.61	6.13	6.09	5.92	6.05	5.57	4.68	5.01
A-3		5.95	6.13	6.65	6.48	6.26	6.46	5.42	4.61	4.95
A-4		6.29	5.71	6.30	5.73	6.23	6.24	5.40	4.73	4.07
A-5		6.19	5.48	5.62	4.94	5.98	4.73	5.42	4.64	4.71
A-6		6.07	5.73	5.87	5.73	5.72	5.83	5.22	5.61	4.07
A-7		6.42	6.14	5.28	4.62	5.65	5.18	5.46	4.59	4.73
A-8		6.29	5.77	6.08	5.41	① 6.566	5.59	4.98	4.27	4.68
A-9		6.97	6.46	6.24	6.03	5.75	5.98	5.51	5.21	5.16
Data Collector (Initial)		SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS
Date		26 JUN 12	27 JUN 12	28 JUN 12	29 JUN 12	30 JUN 12	1 JUL 12	2 JUL 12	3 JUL 12	4 JUL 12

① 6.08 is correct started @ A9 & wrote its reading in A1 28 JUN 12 SMS

② Read # wrong in dark 30 JUN 12 SMS

Dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C) ^{put temp on D.O. sheet} Dissolved oxygen (mg/L) ^{26 JUN 12} Flow rate (ml/Min) pH {Circle one and line out others}									
	D-0	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
B-1		5.39	4.40	4.92	5.00	4.73	3.00 ①	4.61	3.36	4.26
B-2		6.72	6.69	6.28	5.34	5.70	5.54	4.81	4.43	4.89
B-3		6.43	5.71	5.50	5.57	5.42	5.76	5.26	4.71	4.14
B-4		6.84	6.39	5.57	5.48	5.44	5.22	4.43	4.04	4.03
B-5		6.82	6.40	5.56	5.51	5.88	5.28	4.61	4.18	4.00
B-6		5.52	5.42	6.08	5.66	5.94	5.52	5.72	5.34	4.82
B-7		6.68	6.04	5.49	5.05	5.68	5.07	5.12	3.99	3.95
B-8		6.95	6.17	5.79	5.61	5.26	6.69	4.91	4.61	4.02
B-9		6.13	5.31	5.35	5.02	4.78	① 3.71	4.92	4.80	4.71
Data Collector (Initial)		SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS	SMS
Date		26 JUN 12	27 JUN 12	28 JUN 12	29 JUN 12	30 JUN 12	1 JUL 12	2 JUL 12	3 JUL 12	4 JUL 12

Light meter reading 6-20-12 MPW

B1	B2	B3	B4	B5	B6	B7	B8	B9
32	36	34	37	31	34	37	38	35

A1	A2	A3	A4	A5	A6	A7	A8	A9
38	34	35	31	30	37	34	39	36

① flow increased air + water 1 JUL 12 SMS

Post-dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	D.O. ^{on 5/24/12} Temperature (°C) Dissolved oxygen (mg/L) Flow-rate (mL/min) pH {Circle one and line out others}														
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23	
A-1	4.32	5.58	5.44	8.16	6.22	7.16	6.94	7.55 7.43	4.24 ^① 4.34	4.55	4.45	4.12	4.45	4.26	
A-2	4.41	6.16	6.02	8.15	7.01	8.13	7.05	7.60	4.06 ^① 4.17	4.77	4.48	3.99	3.71	4.31	
A-3	4.73	6.69	6.33	9.40	8.11	7.17	6.80	6.99	5.19	5.33	5.11	4.97	5.04	4.91	
A-4	4.33	4.72	4.84	6.53	5.95	7.38	6.43	6.89	4.08	4.33	3.91	3.53	3.74	4.48	
A-5	4.24	6.15	6.13	8.75	7.38	7.19	5.37	6.16	3.09	4.41	4.01	4.62	3.55	4.11	
A-6	4.12	4.08	4.56	5.31	4.45	5.36	4.12	5.53	4.66	5.22	2.91	4.84	4.73	4.82	
A-7	4.25	5.73	5.69	7.59	6.57	6.70	5.56	6.52	3.42	3.20	4.20	3.82	3.35	3.26	
A-8	4.20	4.79	4.55	6.49	6.06	8.53	7.61	7.94	4.76	5.25	5.03	4.43	4.03	4.02	
A-9	4.45	5.52	5.33	6.98	5.63	8.17	7.40	7.77	4.27	4.72	4.42	3.71	3.97	4.01	
Data Collector (Initial)	SMJ	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	
Date	5/24/12	6/2/12	7/5/12	8/5/12	9/2/12	10/2/12	11/5/12	12/5/12	13/6/12	14/6/12	15/6/12	16/6/12	17/6/12	18/6/12	

① wrong tanks 7/13/12 MPW

Post-dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C) <u>Dissolved oxygen (mg/L)</u> Flow rate (mL/min) pH {Circle one and line out others}													
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
B-1	4.68	5.96	5.54	9.04	7.87	8.38	7.15	7.25	4.36	4.53	5.48	4.35	4.02	4.39
B-2	4.90	5.95	5.76	8.33	7.21	8.16	7.55	7.69	4.08	3.70	4.96	4.15	3.93	4.11
B-3	3.97	4.55	4.80	6.89	6.31	6.39	5.53	5.75	3.40	4.20	4.45	3.60	3.77	4.54
B-4	4.12	5.08	5.12	7.21	6.75	8.66	7.83	7.63	5.01	5.43	5.63	5.13	5.54	5.51
B-5	4.40	5.12	5.03	7.15	5.33	6.04	4.79	5.38	2.95	3.63	4.44	3.58	3.69	4.41
B-6	4.83	5.60	5.01	8.18	7.06	7.52	6.63	6.81	4.00	4.43	4.60	3.93	3.83	4.09
B-7	4.10	4.69	5.00	6.84	6.37	7.05	6.25	6.56	3.68	3.74	4.89	4.06	3.88	4.14
B-8	3.98	4.16	4.54	5.62	4.43	6.84	5.97	6.21	3.69	4.08	5.23	4.80	4.82	5.15
B-9	4.03	4.42	4.45	6.59	5.96	6.97	6.34	6.44	3.75	3.99	4.34	3.99	3.44	5.14
Data Collector (Initial)	SK	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW	MPW
Date	5Jun12	6Jun12	7Jun12	8Jun12	9Jun12	10Jun12	11Jun12	12Jun12	13Jun12	14Jun12	15Jun12	16Jun12	17Jun12	18Jun12

[Signature]

Post-dosing - Water quality recording form

600
760
720
780
840
900

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C) Dissolved oxygen (mg/L) <u>Flow rate (mL/min)</u> pH {Circle one and line out others}													
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
A-1									780					
A-2									840					
A-3									840					
A-4									900					
A-5									780					
A-6									720					
A-7									660					
A-8									780					
A-9									900					
Data Collector (Initial)									MPW					
Date									7/13/12					

[Signature]

Post-dosing - Water quality recording form

Dosing Start Date: _____ Dosing End Date: _____

Lab data book/page(s): _____ File folder: _____ Proofed: _____ Reviewed: _____

Tank #	Temperature (°C) Dissolved oxygen (mg/L) <u>Flow rate (mL/min)</u> pH {Circle one and line out others}													
	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-21	D-22	D-23
B-1									780					
B-2									720					
B-3									900					
B-4									900					
B-5									840					
B-6									900					
B-7									780					
B-8									720					
B-9									900					
Data Collector (Initial)									MPW					
Date									7/13/12					

7
150
900

ORIGINAL

Water Hardness

Study Number: AEH-09-MAS-02

Source of Water: TANK B1
2nd Tank A9 7/16/12 mpu

Sample Size (mL): 50 mL

Sample name	mL of titrant	Multiplication factor	Hardness (mg/L)	Date	Initials
4 JUL 12 - 1	12.4			4 JUL 12	SMS
4 JUL 12 - 2	12.2			4 JUL 12	SMS
16 JUL 12 - 1	10.2			16 JUL 12	MPW
16 JUL 12 - 2	11.2			16 JUL 12	MPW

Comments

① read wrong 7/16/12 MPW